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CONTENTS

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Project Initiation Notification System (PINS)

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

BHMA (Builders Hardware Manufacturers Association)

Tony Gambrall <agambrall@kellencompany.com> | 529 14th Street NW, Suite 1280 | Washington, DC 20045 www.buildershardware.com

Revision

BSR/BHMA 156.36-202x, Standard for Auxiliary Locks (revision of ANSI/BHMA A156.36-2020)
Stakeholders: Consumers, door and hardware manufacturers, building and construction

Project Need: Update per five-year revision cycle

Interest Categories: User, Government, General Interest, Testing Laboratory, Producer

ANSI/BHMA A156.36 establishes requirements for Auxiliary Locks and includes dimensional criteria and five classifications of tests: operational, cycle, strength, security, and finish.

BHMA (Builders Hardware Manufacturers Association)

Tony Gambrall <agambrall@kellencompany.com> | 529 14th Street NW, Suite 1280 | Washington, DC 20045 www.buildershardware.com

Revision

BSR/BHMA A156.41-202x, Standard for Door Hardware Single Motion to Egress (revision of ANSI/BHMA A156.41-2020)
Stakeholders: Consumers, Door and Hardware Manufacturers, Building and Construction

Project Need: Update per five-year revision cycle

Interest Categories: User, Government, General Interest, Testing Laboratory, Producer

This standard describes requirements for doors and door hardware to comply with Code Requirements for single operation egress.

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

Terry Burger <standards@iapmostandards.org> | 4755 East Philadelphia Street | Ontario, CA 91761 https://www.iapmostandards.org

Revision

BSR/IAPMO Z1000-202x, Prefabricated Septic Tanks (revision of ANSI/IAPMO Z1000-2019 (R2023))
Stakeholders: Manufacturers, users, inspectors, distributors designers, and contractors

Project Need: Revision to include new requirements and update existing requirements.

Interest Categories: Manufacturer User Installer/Maintainer Research/Standards/Testing Laboratory Enforcing Authority Consumer General Interest

This Standard covers prefabricated septic tanks made of concrete, fiber-reinforced polyester (FRP), thermoplastic, or steel, intended for use in residential or commercial sewage disposal systems, and specifies design, material, performance testing, and marking requirements.

IES (Illuminating Engineering Society)

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

New Standard

BSR/IES LM-16-202x, Lighting Measurement: Practical Guide to Colorimetry of Light Sources (new standard)
Stakeholders: Lighting practitioners, electrical engineers, architects, interior designers, related people in the built environment area, regulatory/code, luminaire & component manufacturers and trades, testing labs, optical and vision experts.

Project Need: To provide the latest information and references on the metrics for colorimetry and color quantities of light sources, and also update guidance on physical measurement (spectroradiometry) for color quantities.

Interest Categories: Producer, USER-Specifier, USER-Affected, USER-Public Interest, Gen'l Int: Academic/Research, Gen'l Int: Regulatory/Government, Test Equipment User, Test Equipment Manufacturer.

This guide provides description on metrics used in the evaluation of the color performance of light sources, and to provide guidance on the physical measurement of the color quantities of light source. The current version of LM-16 is 1993, very outdated.

IES (Illuminating Engineering Society)

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

Revision

BSR/IES LM-58-202x, Approved Method: Spectroradiometric Measurement Methods for Light Sources (revision of ANSI/IES LM-58-20)
Stakeholders: Lighting practitioners, electrical engineers, architects, interior designers, related people in the built environment area, regulatory/code, luminaire & component manufacturers and trades, testing labs, optical and vision experts.

Project Need: The spectral range is from 200 nm to 2400 nm where the characterization of light from lighting sources, visual displays and light emitting diodes, is most commonly done. This document does not provide in-depth detail on every subject, but directs the user to references that completely describe the concepts. The light source or device under test is operated in accordance with the appropriate IES LM or ANSI document pertaining to the device and is not described in this document.

Interest Categories: Producer, USER-Specifier, USER-Affected, USER-Public Interest, General Interest: Academic/Research, General Interest: Regulatory/Government, Test Equipment User, Test Equipment Manufacturer.

This document describes the requirements and recommendations of the instruments and the procedures for spectroradiometric measurements including those of color performance, spectral irradiance, spectral radiance, and spectral total radiant flux, either in relative or in absolute units.

IES (Illuminating Engineering Society)

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

New Standard

BSR/IES TM-43-202x, Technical Memorandum: Photometric Measurement of Linear Style Lamps and Luminaires that Exceed the Capabilities of Type C Goniophotometers (new standard)
Stakeholders: Lighting practitioners, electrical engineers, architects, interior designers, related people in the built environment area, regulatory/code, luminaire & component manufacturers and trades, testing labs, optical and vision experts.

Project Need: First, the overall size of the fixture prevents it from being able to rotate fully without striking the structure of the goniophotometer. Secondly, the recommended distance between the photocell and the luminaire (5x aperture size) exceeds the throw distance of most test facilities. Lastly, LM-79 recommends the longest physical dimension of a linear fixture be no more than 2/3 the diameter of the sphere. A standard linear product would exceed this requirement even within a 3-meter sphere.

Interest Categories: Producer, USER-Specifier, USER-Affected, USER-Public Interest, General Int: Academic/Research, General Int: Regulatory/Government, Test Equipment User, Test Equipment Manufacturer.

The purpose of this Technical Memorandum is to address the lack of industry guidance surrounding testing of linear style lamps and luminaires which exceed the capabilities of commonly used photometric test equipment. These larger sized linear ambient fixtures in many cases cannot be tested on type C goniophotometers for a number of reasons.

ISDI (ASC MH2) (Industrial Steel Drum Institute)

Ralph Reitenbach <reitenbach@industrialpackaging.org> | 818 Providence Road | Towson, MD 21286 www.whysteeldrums.org

Revision

BSR MH2-202x, Materials Handling (Containers) - Steel Drums and Pails (revision of ANSI ASC MH2-2018)
Stakeholders: Steel drum and pail manufactures, purchasers and fillers of such containers, reconditioning and reuse interests, military, third party distributors, and logistics companies.

Project Need: The current standard is being revised to incorporate changes to relevancy and best practices related to terminology, dimensions, construction requirements, materials, and procedures.

Interest Categories: Producers of steel drums and pails. Users of steel drums and pails. General Interest parties.

This standard revises the standard for Steel Drums and Pails, MH2-2018. It is not intended to be submitted for consideration as an ISO, IEC, or ISO/IEC JTC-1 standard. The standard identifies dimensional characteristics for the most common free-standing steel drums and pails (capacities from 5 to 58 gallons (19 to 221 liters)) used for domestic and export shipments. The standard reflects the combined knowledge of steel drum and pail manufacturers, users and fillers, government and commercial buyers, and consultants.

ITI (INCITS) (InterNational Committee for Information Technology Standards)

Barbara Bennett <comments@standards.incits.org> | 700 K Street NW, Suite 600 | Washington, DC 20001 www.incits.org

New Standard

BSR INCITS 587-202x, Information technology - SCSI Block Commands - 6 (SBC-6) (new standard)
Stakeholders: ICT Industry; consumers and developers of SCSI devices, USB devices, and JEDEC UFS devices benefit from this standard. This standard provides a wide variety of value propositions for products available to the open market.

Project Need: The proposed project involves a needed update of the SCSI Block Commands - 5 standard to include new features for direct access block devices and additional beneficial updates found during the development of SBC -6. This project and the SCSI Primary Commands - 7 project may be necessary for the JEDEC UFS project.

Interest Categories: Producer-Hardware, Producer-Software, Producer-General, Distributor, Service Provider, User, Consultants, Government, SDO and Consortia, Academic Institution, General Interest

SCSI Block Commands - 6 (SBC-6) is the next generation of the SCSI Block Commands. SBC-6 follows SBC-5. The following items should be considered for inclusion in SBC-6: enhancements to block commands; corrections and clarifications; and other capabilities that may fit within the scope of this project.

NSF (NSF International)

Jessica Evans <jevans@nsf.org> | 789 N. Dixboro Road | Ann Arbor, MI 48105-9723 www.nsf.org

New Standard

BSR/NSF 541-202x, Evaluation of microplastics and nanoplastics in system components (new standard)
Stakeholders: Public health officials, manufacturers, users, inspectors, distributors, contractors, and engineers.

Project Need: This standard is needed to support research, testing and certification criteria relating to microplastics and nanoplastics.

Interest Categories: (1) Industry members; (2) Public agency; (3) user/consumer

Standard specification for laboratory testing, performance assessment, and health effects evaluation of microplastics and nanoplastics originating from plumbing, water treatment and distribution, food-service equipment, and waste water products. This standard establishes laboratory test methods and evaluation procedures to verify that products or materials which contact potable water, food, or waste do not introduce microplastics and nanoplastics at levels above established health and performance criteria. This standard applies to plumbing, water treatment and distribution, food-service equipment, and waste water products.

SCTE (Society of Cable Telecommunications Engineers)

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

Revision

BSR/SCTE 25-1-202x, Hybrid Fiber Coax Outside Plant Status Monitoring - Physical (PHY) Layer Specification v1.0 (revision of ANSI/SCTE 25-1-2017 (R2022))
Stakeholders: Cable Telecommunications Industry

Project Need: Update to current technology

Interest Categories: Producer, User, General Interest

This specification describes the PHY layer requirements that must be implemented by all Type-2- and Type-3-compliant OSP HMS transponders on the HFC plant and the controlling equipment in the headend. Any exceptions to compliance with this specification will be specifically noted in this document as necessary.

SCTE (Society of Cable Telecommunications Engineers)

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

Revision

BSR/SCTE 25-2-202x, Hybrid Fiber Coax Outside Plant Status Monitoring- Media Access Control (MAC) Layer Specification v1.0 (revision of ANSI/SCTE 25-2-2017 (R2022))
Stakeholders: Cable Telecommunications Industry

Project Need: Update to current technology

Interest Categories: Producer, User, General Interest

This specification describes the MAC layer protocols that must be implemented between all Type-2- and Type-3-compliant OSP HMS transponders on the HFC plant and the controlling equipment in the headend to support bandwidth management and reliable communications. Any exceptions to compliance with this specification will be specifically noted in this document as necessary.

SCTE (Society of Cable Telecommunications Engineers)

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

Revision

BSR/SCTE 128-2 202x, AVC Video Constraints for Cable Television - Part 2: Transport (revision of ANSI/SCTE 128-2 -2018)

Stakeholders: Cable Telecommunications Industry

Project Need: Update to current technology

Interest Categories: Producer, User, General Interest

This document assists in transport of an AVC coded video elementary stream constrained per SCTE 128-1 and is intended for broadcast purposes. There are other applications: time-shifting (e.g., PVR/DVR service), Video-on-Demand service, unicast, multicast, splicing (e.g., Ad-insertion) that could employ the specifications in this document. However, constraints specific to those applications are outside of the scope of this document.

SCTE (Society of Cable Telecommunications Engineers)

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Revision

BSR/SCTE 215-2 202x, HEVC Video Constraints for Cable Television - Part 2: Transport (revision of ANSI/SCTE 215-2 -2018)

Stakeholders: Cable Telecommunications Industry

Project Need: Update to current technology

Interest Categories: Producer, User, General Interest

This document specifies the transport of an HEVC coded video elementary stream constrained per [SCTE 215-1] intended for cable video services. There are other applications such as time-shifting (e.g., PVR/DVR service), Video-on-Demand services, and splicing (e.g., Ad-insertion) that could employ the specifications in this document. However, constraints specific to those applications are outside of the scope of this document at this time.

SCTE (Society of Cable Telecommunications Engineers)

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Revision

BSR/SCTE 277-202x, Linear Contribution Encoding Specification (revision of ANSI/SCTE 277-2022)

Stakeholders: Cable Telecommunications Industry

Project Need: Update to current technology

Interest Categories: Producer, User, General Interest

This document specifies the contents and format of contribution linear source media being provided from origination to a recipient for processing into a distribution format. This document defines a standardized ingest specification for linear content to be distributed across either IP/CDN or QAM delivery platforms. The goal in all included scenarios is to deliver the highest quality video available based on the originally produced content type, bit rate, and codec.

SCTE (Society of Cable Telecommunications Engineers)

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Revision

BSR/SCTE 282-202x, Implementation of Hot Standby in Inside Plant Platform Powering (revision of ANSI/SCTE 282 -2023)
Stakeholders: Cable Telecommunications Industry

Project Need: Update to current technology

Interest Categories: Producer, User, General Interest

This standard defines the implementation of hot standby power supply unit (PSU) deployments of equipment contained inside operator critical facilities to optimize energy usage as opposed to using dual-redundant platform powering. This standard covers any active device (server, switch, router, laser chassis, etc.) which requires electricity to operate via installed PSUs and can be operated in a hot standby configuration. It also includes alerting, alarming, settings, and controls for hot standby enabled platforms.

SCTE (Society of Cable Telecommunications Engineers)

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Revision

BSR/SCTE 283-202x, Information Model for Smart Broadband Amplifiers (revision of ANSI/SCTE 283-2023)
Stakeholders: Cable Telecommunications Industry

Project Need: Update to current technology

Interest Categories: Producer, User, General Interest

This standard defines an information model for communications with amplifiers used in hybrid fiber-coax (HFC) networks. The information model includes capabilities, configuration and status information which can be set either over a coaxial cable transponder or locally via direct wired or wireless connection. This release of the standard is compatible with [SCTE 279] amplifiers and could also be applicable to stand-alone FDX amplifiers and to launch amplifiers inside nodes.

SCTE (Society of Cable Telecommunications Engineers)

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New Standard

BSR/SCTE NOS OP 204-202x, Pre-Equalization Based Upstream Frequency Response Measurements (new standard)
Stakeholders: Cable Telecommunications Industry

Project Need: Create new standard

Interest Categories: Producer, User, General Interest

This document describes a method for measurement of a cable network's upstream frequency response based upon cable modem pre-equalization coefficients. This technique allows the field technician to use a portable field instrument, incorporating an embedded DOCSIS® cable modem connected to a DOCSIS cable modem termination system (CMTS). Proactive network maintenance (PNM) technologies derive in-channel frequency response from the pre-equalization coefficients, and the resulting per-channel responses in multiple upstream channels are "stitched" together to provide a characterization of frequency response across a wider frequency range than just a single channel. From this result, the technician can determine proper unity gain and flatness from the node to ends-of-line locations; or, as system frequency response is purposed in our industry, show network response inequalities, imbalance, level and tilt issues. Furthermore, it allows for remotely located DOCSIS cable modems to participate in continuous upstream frequency response analysis. This population of sensors could include cable modems, field meters, and embedded modems or transponders in outside plant and headend equipment.

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: August 11, 2024

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

180 Technology Parkway, Peachtree Corners, GA 20092 | knguyen@ashrae.org, www.ashrae.org

Addenda

BSR/ASHRAE Addendum ab to ANSI/ASHRAE Standard 34-2022, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2022)
This proposed addendum adds HCC and HCO for unsaturated hydrochloro-olefins.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

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Addenda

BSR/ASHRAE Addendum af to ANSI/ASHRAE Standard 34-2022, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2022)
This proposed addendum adds the zeotropic refrigerant blend R-433D to Tables 4-2 and D-2.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

Comment Deadline: August 11, 2024

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Addenda

BSR/ASHRAE Addendum ag to ANSI/ASHRAE Standard 34-2022, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2022)
This proposed addendum adds the zeotropic refrigerant blend R-493A to Tables 4-2 and D-2.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

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Addenda

BSR/ASHRAE Addendum ai to ANSI/ASHRAE Standard 34-2022, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2022)
This proposed addendum adds the zeotropic refrigerant blend R-493B to Tables 4-2 and D-2.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

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

BSR/ASHRAE Addendum aj to ANSI/ASHRAE Standard 34-2022, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2022)
This proposed addendum adds the zeotropic refrigerant blend R-493C to Tables 4-2 and D-2.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

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

BSR/ASHRAE Addendum ak to ANSI/ASHRAE Standard 34-2022, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2022)
This proposed addendum adds the zeotropic refrigerant blend R-494A to Tables 4-2 and D-2.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

Comment Deadline: August 11, 2024

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

BSR/ASHRAE Addendum al to ANSI/ASHRAE Standard 34-2022, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2022)
This proposed addendum adds the zeotropic refrigerant blend R-495A to Tables 4-2 and D-2.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

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Addenda

BSR/ASHRAE Addendum am to ANSI/ASHRAE Standard 34-2022, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2022)
This proposed addendum adds the zeotropic refrigerant blend R-487B to Tables 4-2 and D-2.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

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Addenda

BSR/ASHRAE Addendum n to ANSI/ASHRAE Standard 34-2022, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2022)
This proposed addendum updates Table 4-2 to add previously missing LFL and burning velocity values for several A2L refrigerants.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

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Addenda

BSR/ASHRAE/ASHE Addendum 170r-202x, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 170-2021)
Proposed Addendum r revises Table 9-1 Design Parameters for Residential Health, Care, and Support-Specific Spaces.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

Comment Deadline: August 11, 2024

NSF (NSF International)

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

Revision

BSR/NSF 455-3-202x (i43r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2022)
This standard is intended to define a standardized approach for auditing to determine the level of compliance of cosmetic products to ISO 22716, 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)

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

Revision

BSR/UL 391-202x, Solid-Fuel and Combination-Fuel Central and Supplementary Furnaces (revision of ANSI/UL 391-2006 (R2019))
1 Scope 1.1 These requirements apply to manually fueled, solid-fuel-fired central furnaces. Included are supplementary central furnaces intended for interconnection with forced-air central furnaces utilizing other fuels and combination oil-fired and solid-fuel-fired, forced-air central furnaces. 1.2 The furnaces are intended to burn solid fuels, such as wood, coal, or any other biomass fuel, as specified by the manufacturer. 1.3 The furnaces are intended for connection to chimneys for residential and building heating appliances in compliance with the Standard for Chimneys, Fireplaces, Vents, and Solid Fuel Burning Appliances, NFPA 211, and intended for installation in compliance with the Standard for Installation of Warm Air Heating and Air Conditioning Systems, NFPA 90B; and the National Electrical Code, ANSI/NFPA 70; and applicable mechanical codes such as the BOCA National Mechanical Code, the Standard Mechanical Code, and the Uniform Mechanical Code. 1.4 A product that contains features, characteristics, components, materials, or systems new or different from those covered by the requirements in this standard, and that involves a risk of fire or of electric shock or injury to persons shall be evaluated using appropriate additional component and end-product requirements to maintain the level of safety.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Isabella Brodzinski, project manager, isabella.brodzinski@ul.org

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 521-202x, Standard for Heat Detectors for Fire Protective Signaling Services (revision of ANSI/UL 521 -2023)
These requirements cover heat-actuated fire detectors intended for nonhazardous indoor, and outdoor locations, for use as components in automatic fire protective systems, to be installed in accordance installation in accordance with:
(a) In Canada: (1) the National Building Code of Canada; (2) the National Fire Code of Canada; (3) the Standard for the Installation of Fire Alarm Systems, CAN/ULC-S524; and (4) the Canadian Electrical Code, CSA C22.1;
(b) In the United States: (1) the National Fire Alarm and Signaling Code, NFPA 72; (2) the National Electrical Code, NFPA 70.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: csds.ul.com

Comment Deadline: August 11, 2024

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 567-202x, Standard for Emergency Breakaway Fittings, Swivel Connectors and Pipe-Connection Fittings for Petroleum Products, Anhydrous Ammonia and LP-Gas (revision of ANSI/UL 567-2021)
The following changes in requirements are being proposed for your review:
(1) Clarify product descriptions;
(2) Distinguish rotating joint from swivel joint;
(3) Revisions to Operation Test;
(4) Revisions to Marking Adhesion Test;
(5) Revisions to Pull Test with respect to pipe-connecting fittings;
(6) Revisions to Electrical Continuity Test;
(7) Revisions to Endurance Test;
(8) Revisions to Marking Section:
(9) Revisions to the Moist Ammonia-Air Stress Cracking Test;
(10) Revisions to the Tests of Synthetic Rubber Parts; and
(11) Editorial revisions.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Jeff Prusko, jeffrey.prusko@ul.org

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 907-202x, Standard for Fireplace Accessories (revision of ANSI/UL 907-2006 (R2019))
1 Scope. 1.1 These requirements apply to fireplace accessories that are intended only for field installation into or attachment to existing masonry fireplaces. Fireplace accessories include items such as heat exchangers, glass door assemblies, and the like. For the purpose of these requirements, fireplace accessories do not include fireplace inserts or devices that incorporate a closed fire chamber. 1.2 Fireplace accessories as covered by these requirements are intended for installation in accordance with the Standard for Chimneys, Fireplaces, Vents and Solid Fuel Burning Appliances, NFPA 211, and in accordance with codes such as the International Building Code, International Mechanical Code, and related mechanical codes. 1.3 A fireplace accessory, as covered by these requirements, is intended for use with solid wood fuel, as specified by the manufacturer. 1.4 These accessories may include: (a) Field-installed cord-connected or fixed blower assemblies; and (b) Other field-installed electrical accessories rated at 250 V or less to be employed in ordinary locations in accordance with the National Electrical Code, NFPA 70.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Isabella Brodzinski, project manager, isabella.brodzinski@ul.org

Comment Deadline: August 26, 2024

AAMI (Association for the Advancement of Medical Instrumentation)

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

Reaffirmation

BSR/AAMI EQ93-2019 (R202x), Medical equipment management-Vocabulary used in medical equipment programs (reaffirmation of ANSI/AAMI EQ93-2019)
This standard provides consensus definitions for key terms used in medical equipment management around the maintenance, repair and servicing of medical devices, so that all stakeholders involved in the regulation, management and use of medical devices have common understanding when they are used.
Single copy price: $129.00 (non-member) / $73.00 (member)
Obtain an electronic copy from: Mike Miskell, mmiskell@aami.org
Send comments (copy psa@ansi.org) to: Same

AGMA (American Gear Manufacturers Association)

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

Reaffirmation

BSR/AGMA 6022-D19 (R202x), Design Manual for Cylindrical Wormgearing (reaffirmation of ANSI/AGMA 6022-D19)
This Design Manual provides information pertaining to selection of geometric parameters which will constitute good design of fine- and coarse-pitch cylindrical wormgearing. The power rating for fine- and coarse-pitch wormgearing is not included in this design manual, but can be found in AGMA 6034, Practice for Enclosed Cylindrical Wormgear Speed Reducers and Gearmotors.
Single copy price: $270.00
Obtain an electronic copy from: tech@agma.org
Send comments (copy psa@ansi.org) to: Todd Praneis, tech@agma.org

ANS (American Nuclear Society)

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

Reaffirmation

BSR/ANS 8.17-2004 (R202x), Criticality Safety Criteria for the Handling, Storage and Transportation of LWR Fuel Outside Reactors (reaffirmation of ANSI/ANS 8.17-2004 (R2019))
This standard provides nuclear criticality safety criteria for the handling, storage, and transportation of LWR fuel rods and units outside reactor cores.
Single copy price: $52.00
Obtain an electronic copy from: orders@ans.org
Send comments (copy psa@ansi.org) to: standards@ans.org

Comment Deadline: August 26, 2024

ANS (American Nuclear Society)

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

Reaffirmation

BSR/ANS 57.1-1992 (R202x), Design Requirements for Light Water Reactor Fuel Handling Systems (reaffirmation of ANSI/ANS 57.1-1992 (R2019))
This standard sets forth the required functions of fuel-handling systems at light water reactor nuclear power plants. It provides minimum design requirements for equipment and tools to handle nuclear fuel and control components safely.
Single copy price: $70.00
Obtain an electronic copy from: orders@ans.org
Send comments (copy psa@ansi.org) to: Patricia Schroeder <pschroeder@ans.org>

ANS (American Nuclear Society)

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

Revision

BSR/ANS 8.26-202x, Nuclear Criticality Safety Engineer Training and Qualification Program (revision of ANSI/ANS 8.26-2007 (R2022))
This standard presents the fundamental elements of a training and qualification program for individuals with responsibilities for performing the various technical aspects of criticality safety engineering. The standard presents a flexible array of competencies for use by management to develop tailored training and qualification programs applicable to site-specific job functions, facilities, and operations.
Single copy price: $44.00
Obtain an electronic copy from: orders@ans.org
Send comments (copy psa@ansi.org) to: Patricia Schroeder <pschroeder@ans.org>

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

New Standard

BSR X9.148-202X, QR Code Protection using Cryptographic Solutions (new standard)
QR Codes (Quick Response code) are a type of matrix barcode (or 2-D barcode) standardized per ISO/IEC 18004 that became popular due to fast readability and greater storage capacity compared to standard 1-D Universal Product Code (UPC) barcodes. Applications include product tracking, item identification, time tracking, document management, general marketing, and even payments. For example, EMV employs QR Codes as a merchant payment scheme. Further, SPARQCode provides de facto standards for encoding some data types such as URLs, and contact information in Japan, but not all applications in other countries adhere to this convention as listed by the open-source project Zebra Crossing (ZXing) for QR Code data types. However, QR Codes do not provide data protection using cryptographic solutions. While the QR Code might be protected as a data element within a message, the QR Code does not protect itself from modification, duplication, or masquerading.
Single copy price: $125.00
Obtain an electronic copy from: ambria.calloway@x9.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: August 26, 2024

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

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

Addenda

BSR/ASHRAE Addendum i to Standard 209-2018, Energy Simulation Aided Design for Buildings except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 209-2018)
This addendum is intended to provide visual guidance regarding the structure and requirements of ASHRAE Standard 209. It is provided for informative purposes only and does not supersede any requirements in the body of the standard.
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

AWWA (American Water Works Association)

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

Revision

BSR/AWWA G400-202x, Utility Management System (revision of ANSI/AWWA G400-2018)
This standard covers the essential requirements for an effective utility management system.
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)

CSA (CSA America Standards Inc.)

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

Reaffirmation

BSR Z21.10.3-2019 (R202x), Gas-fired water heaters, volume III, storage water heaters with input ratings above 75,000 Btu per hour, circulating and instantaneous (same as CSA 4.3) (reaffirmation and redesignation of ANSI/CSA Z21.10.3-2019)
Details test and examination criteria for automatic storage, with input ratings above 75,000 Btu per hour (21 980 W), circulating and instantaneous water heaters for use with natural, manufactured, and mixed gases; liquefied petroleum gases; and LP gas-air mixtures.
Single copy price: Free
Obtain an electronic copy from: ansi.contact@csagroup.org
Send comments (copy psa@ansi.org) to: ansi.contact@csagroup.org

CSA (CSA America Standards Inc.)

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

Reaffirmation

BSR Z21.56-2019 (R202x), Gas-fired pool heaters (same as CSA 4.7) (reaffirmation and redesignation of ANSI/CSA Z21.56-2019)
Details test and examination criteria for pool heaters for use with natural, manufactured and mixed gases; liquefied petroleum gases; and LP gas-air mixtures. Pool heaters are designed to heat non-potable water stored at atmospheric pressure, such as water in swimming pools, spas, hot tubs, and similar applications.
Single copy price: Free
Obtain an electronic copy from: ansi.contact@csagroup.org
Send comments (copy psa@ansi.org) to: ansi.contact@csagroup.org

Comment Deadline: August 26, 2024

ULSE (UL Standards & Engagement)

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

New Standard

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

ULSE (UL Standards & Engagement)

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

Reaffirmation

BSR/UL 60745-2-11-2009 (R202x), Standard for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-11: Particular Requirements for Reciprocating Saws (reaffirm a national adoption ANSI/UL 60745-2-11-2009 (R2019))
Reaffirmation and continuance of the 2nd Edition of the Standard for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-11: Particular Requirements for Reciprocating Saws, UL 60745-2-11, as an American National Standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

ULSE (UL Standards & Engagement)

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

Reaffirmation

BSR/UL 60745-2-21-2009 (R202x), Standard for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-21: Particular Requirements for Drain Cleaners (reaffirm a national adoption ANSI/UL 60745-2-21-2009 (R2019))
Reaffirmation and continuance of the 1st Edition of the Standard for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-21: Particular Requirements For Drain Cleaners, UL 60745-2-21, as an American National Standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

Comment Deadline: August 26, 2024

ULSE (UL Standards & Engagement)

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

Reaffirmation

BSR/UL 80079-20-1-2020 (R202x), Standard for Safety for Explosive Atmospheres - Part 20-1: Material Characteristics for Gas and Vapour Classification - Test Methods and Data (reaffirm a national adoption ANSI/UL 80079-20-1-2020)
(1) Reaffirmation and continuance of the First Edition of the Standard for Safety for Explosive Atmospheres – Part 20-1: Material Characteristics for Gas and Vapour Classification – Test Methods and Data, UL 80079-20-1, 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: https://csds.ul.com/ProposalAvailable

VITA (VMEbus International Trade Association (VITA))

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

Reaffirmation

BSR/VITA 51.2-2016 (R202x), Physics of Failure Reliability Predictions (reaffirmation of ANSI/VITA 51.2-2016)
This standard provides standard processes, instructions and default parameters for using the Physics of Failure (PoF) approach for modeling the reliability of electronic products. It includes a discussion of the philosophy, context for use, definitions, models for key failure mechanisms, definition of the input data required, default values if technically feasible or the typical range of values as a guideline. It defines how modeling results are interpreted and used. It requires the documentation of modeling inputs, assumptions made during the analysis, modifications to the models and rationale for the analysis.
Single copy price: $25.00
Obtain an electronic copy from: admin@vita.com
Send comments (copy psa@ansi.org) to: admin@vita.com

VITA (VMEbus International Trade Association (VITA))

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

Reaffirmation

BSR/VITA 66.0-2016 (R202x), Optical Interconnect on VPX - Base Standard (reaffirmation of ANSI/VITA 66.0 -2016)
This standard defines a family of blind-mate Fiber Optic interconnects for use with VPX backplanes and plug-in modules.
Single copy price: $25.00
Obtain an electronic copy from: admin@vita.com
Send comments (copy psa@ansi.org) to: admin@vita.com

Comment Deadline: August 26, 2024

VITA (VMEbus International Trade Association (VITA))

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

Reaffirmation

BSR/VITA 66.4-2016 (R202x), Optical Interconnect on VPX - Half Width MT Variant (reaffirmation of ANSI/VITA 66.4-2016)
This document describes an open standard to define a Half-Width MT style contact variant within the VITA 66 family of blind mate Fiber Optic interconnects for use with VPX backplanes and plug-in modules.
Single copy price: $25.00
Obtain an electronic copy from: admin@vita.com
Send comments (copy psa@ansi.org) to: admin@vita.com

VITA (VMEbus International Trade Association (VITA))

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

Revision

BSR/VITA 68.0-202x, VPX Compliance Channel Standard (revision of ANSI/VITA 68.0-2017)
VITA 68.0 is the Base Standard of the VITA 68.x family of standards for signal integrity compliance of VPX systems and components. This standard provides an overview of the VITA 68.x family of standards and defines common requirements for VPX modules and VPX backplanes that apply across the range of VITA 68.x standards. This revision updates the VITA 68.x list of dot-specs and status to be current, and standardizes more terminology to be consistent with current standards.
Single copy price: $25.00
Obtain an electronic copy from: admin@vita.com
Send comments (copy psa@ansi.org) to: admin@vita.com

VITA (VMEbus International Trade Association (VITA))

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

Revision

BSR/VITA 68.1-202x, VPX Compliance Channel - Fixed Signal Integrity Budget Standard (revision of ANSI/VITA 68.1-2017)
This standard defines a VPX compliance channel fixed signal Integrity budget including module performance criteria and common backplane performance criteria required to support multiple fabric types across a range of defined baud rates. This allows backplane developers to design a VITA 68.1 compliant backplane that supports required bit error rates (BER) for multiple fabric types when used with modules that are compliant to VITA 68.1 budget criteria. This also allows module developers to design VITA 68.1 compliant Plug-In Modules that are interoperable with other VITA 68.1 compliant modules when used with a VITA 68.1 compliant backplane. VITA 68.1 defines a single budget encompassing modules and backplanes at various baud rates, with a “large system budget” that supports interoperability of VITA 68.1 compliant modules with any VITA 68.1 compliant backplane, including large slot count backplanes with relatively long traces. VITA 68.1 is part of the VITA 68.x family of standards for signal integrity compliance of VPX systems and components. Please refer to VITA 68.0 for an overview of the VITA 68.x family of standards. This revision incorporates the errata from the last revision, and standardizes more terminology to be consistent with current standards.
Single copy price: $25.00
Obtain an electronic copy from: admin@vita.com
Send comments (copy psa@ansi.org) to: admin@vita.com

Comment Deadline: August 26, 2024

VITA (VMEbus International Trade Association (VITA))

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

Stabilized Maintenance

BSR/VITA 42.6-2009 (S202x), XMC 10 Gigabit Ethernet 4-Lane Protocol Layer Standard (stabilized maintenance of ANSI/VITA 42.6-2009 (R2015))
This standard defines a method for supporting 10 Gigabit Ethernet using XAUI switched interconnect protocol on the XMC form factor.
Single copy price: $25.00
Obtain an electronic copy from: admin@vita.com
Send comments (copy psa@ansi.org) to: admin@vita.com

VITA (VMEbus International Trade Association (VITA))

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

Stabilized Maintenance

BSR/VITA 46.10-2009 (S202x), Rear Transition Module for VPX (stabilized maintenance of ANSI/VITA 46.10 -2009 (R2015))
Define a rear transition module (RTM) for VPX applications.
Single copy price: $25.00
Obtain an electronic copy from: admin@vita.com
Send comments (copy psa@ansi.org) to: admin@vita.com

VITA (VMEbus International Trade Association (VITA))

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

Stabilized Maintenance

BSR/VITA 51.3-2010 (S202x), Qualification and Environmental Stress Screening in Support of Reliability Predictions (stabilized maintenance of ANSI/VITA 51.3-2010 (R2016))
This standard provides rules, permissions, and observations to assure that cost-effective Qualification and Environmental Stress Screening support valid reliability predictions and enhance electronics reliability. It includes a discussion of the systems engineering relationships between Qualification, Environmental Stress Screening, and reliability.
Single copy price: $25.00
Obtain an electronic copy from: admin@vita.com
Send comments (copy psa@ansi.org) to: admin@vita.com

Comment Deadline: September 10, 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 B5.52-2003 (R202x), Power Presses: General Purpose, Single-Point Gap Type (reaffirmation of ANSI/ASME B5.52-2003 (R2019))
This Standard applies to hydraulic and mechanical power presses having a one-piece frame that guides the slide and supports the bolster, adjustable bed, or horn.
Single copy price: $50.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Daniel Papert <papertd@asme.org□>

Comment Deadline: September 10, 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 B5.60-2014 (R202x), Workholding Chucks: Jaw-Type Chucks (reaffirmation of ANSI/ASME B5.60 -2014 (R2019))
This Standard establishes technical requirements for workholding chucks used primarily in turning operations. It covers jaw-type chucks, whether manual or power-operated.
Single copy price: $47.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Daniel Papert <papertd@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 B5.61-2003 (R202x), Power Presses: General Purpose, Single Action, Straight Side Type (reaffirmation of ANSI/ASME B5.61-2003 (R2019))
This Standard applies to hydraulic and mechanical power presses commonly referred to by the metalworking industry as General Purpose, Single Action, Straight Side Type Power Presses that, by means of dies or tooling attached to the slide and bolster, are used to shear, punch, form, or assemble metal or other materials.
Single copy price: $50.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Daniel Papert <papertd@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

Revision

BSR/ASME B31T-202x, Standard Toughness Requirements for Piping (revision of ANSI/ASME B31T-2021)
This Standard provides requirements for evaluating the suitability of materials used in piping systems for piping that may be subject to brittle failure due to low-temperature service conditions.
Single copy price: Free
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Carlton Ramcharran <ramcharranc@asme.org>

ASME (American Society of Mechanical Engineers)

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

Stabilized Maintenance

BSR/ASME B5.56M-1994 (S202x), Specification and Performance Standard, Power Shears (stabilized maintenance of ANSI/ASME B5.56M-1994 (R2019))
The requirements of this Standard apply to power shears used to cut metal by shearing, utilizing a fixed lower knife(s) and a non-rotary, moving upper knife(s). This Standard applies to those shears commonly referred to as squaring, guillotine, gap, plate, pivot blade (swing beam), and slitting (non-rotary).
Single copy price: $33.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Daniel Papert <papertd@asme.org>

Comment Deadline: September 10, 2024

ASME (American Society of Mechanical Engineers)

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

Stabilized Maintenance

BSR/ASME B94.19-1997 (S202x), Milling Cutters and End Mills (stabilized maintenance of ANSI/ASME B94.19 -1997 (R2019))
This Standard covers high-speed steel milling cutters and end mills of one-piece construction as listed in Tables 1 through 62. It also includes general definitions, sizes, and tolerances.
Single copy price: $48.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Daniel Papert <papertd@asme.org□>

ASME (American Society of Mechanical Engineers)

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

Stabilized Maintenance

BSR/ASME B94.55M-1985 (S202x), Tool Life Testing with Single-Point Turning Tools (stabilized maintenance of ANSI/ASME B94.55M-1985 (R2019))
This Standard establishes specifications for the following factors of tool life testing with single-point turning tools: workpiece, tool, cutting fluid, cutting conditions, tool wear and tool life, equipment, test procedures, recording and reporting and presentation of results.
Single copy price: $42.00
Order from: https://cstools.asme.org/csconnect/PublicReviewPage.cfm
Send comments (copy psa@ansi.org) to: Daniel Papert <papertd@asme.org□>

ULSE (UL Standards & Engagement)

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

Revision

BSR/CAN/UL 325-202x, Standard for Door, Drapery, Gate, Louver, and Window Operators and Systems (revision of ANSI/UL 325-2023)
The following topics are being proposed for review for ANSI/CAN/UL 325: (1) Variable speed drives with primary rechargeable battery back-up; (2) Conducting UL 325 End-Use Dielectric Voltage-Withstand Test; (3) Instruction manual section; (4) Battery-powered applications; (5) Definitions for DOOR and GATE; (6) Garage door photo-eye height; (7) 33.4.1 Exception for battery backup; (8) Gate warning sign placard locations; (9) Software standard requirement for entrapment protection.
Single copy price: Free
Order from: https://www.shopulstandards.com/
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

Comment Deadline: September 10, 2024

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 252-202x, Standard for Compressed Gas Regulators (revision of ANSI/UL 252-2023)
The following is being proposed: (1) Aligning with UL/ULC 252A with respect to glossary terms and Excess Pressure Test; (2) Revising line regulator definition and requirements for connections; (3) Removing MPS gas from the standard.
Single copy price: Free
Order from: https://csds.ul.com/ProposalAvailable or https://www.shopulstandards.com/
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.comProposalsAvailable

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 536-202x, Standard for Flexible Metallic Hose (revision of ANSI/UL 536-2021)
The following changes in requirements are being proposed: (1) Revise 7.3 to clarify requirements for number of samples; (2) Revise Vibration Test to clarify sample lengths; (3) Revise Tension and Compression Tests to add an option to use aerostatic pressure.
Single copy price: Free
Order from: https://csds.ul.com/ProposalAvailable or https://www.shopulstandards.com/
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.comProposalsAvailable

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 969-202x, UL Standard for Safety for Marking and Labeling Systems (revision of ANSI/UL 969-2018 (R2023))
This revision of ANSI/UL 969 covers: (1) Expand scope to include heat fusion labels and related products; (2) Expand scope to include direct part markings; (3) General updates to clarify requirements.
Single copy price: Free
Order from: https://www.shopulstandards.com/
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

Notice of Withdrawal: ANS at least 10 years past approval date

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

IREC (Interstate Renewable Energy Council, Inc.)

125 Wolf Road, Suite 100, Albany, NY 12205 | cynthiaf@irecusa.org, www.irecusa.org

ANSI/IREC 14732-2014, General Requirements for the Accreditation of Clean Energy Certificate Programs (new standard)
Send comments (copy psa@ansi.org) to: Cynthia Finley <cynthiaf@irecusa.org>

Withdrawal of an ANS by ANSI-Accredited Standards Developer

In accordance with clause 4.2.1.3.2 Withdrawal by ANSI-Accredited Standards Developer of the ANSI Essential Requirements, the following American National Standards have been withdrawn as an ANS.

HL7 (Health Level Seven)

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

ANSI/HL7 V3PA PATREG, R1-2014 (R2019), HL7 Version 3 Standard: Patient Administration; Patient Registry, Release 1 (reaffirmation of ANSI/HL7 V3PA PATREG, R1-2014)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Karen Van Hentenryck <Karenvan@HL7.org>

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.

ABYC (American Boat and Yacht Council)

613 Third Street, Suite 10, Annapolis, MD 21403 | eparks@abycinc.org, www.abycinc.org

ANSI/ABYC A-16-2024, Installation of Electric Navigation Lights (revision of ANSI/ABYC A-16-2021) Final Action Date: 7/8/2024 | *Revision*

ANSI/ABYC A-28-2024, Galvanic Isolators (revision of ANSI/ABYC A-28-2019) Final Action Date: 7/8/2024 | *Revision*

ANSI/ABYC C-5-2024, Construction Testing of Electric Navigation Lights (revision of ANSI/ABYC C-5-2021) Final Action Date: 7/8/2024 | *Revision*

ANSI/ABYC C-1500-2024, Ignition Protection Test Methods for Marine Products (revision of ANSI/ABYC C-1500-2019) Final Action Date: 7/8/2024 | *Revision*

ANSI/ABYC H-1-2024, Field of Vision from the Helm Position (revision of ANSI/ABYC H-1-2019) Final Action Date: 7/8/2024 | *Revision*

ANSI/ABYC H-3-2024, Exterior Windows, Windshields, Hatches, Doors, Portlights, and Glazing Materials (revision of ANSI/ABYC H-3-2019) Final Action Date: 7/8/2024 | *Revision*

ANSI/ABYC H-29-2024, Canoes and Kayaks (revision of ANSI/ABYC H-29-2022) Final Action Date: 7/8/2024 | *Revision*

ANSI/ABYC H-40-2024, Anchoring, Mooring, and Strong Points (revision of ANSI/ABYC H-40-2019) Final Action Date: 7/8/2024 | *Revision*

ANS (American Nuclear Society)

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

ANSI/ANS 8.15-2014 (R2024), Nuclear Criticality Control of Selected Actinide Nuclides (reaffirmation of ANSI/ANS 8.15 -2014 (R2019)) Final Action Date: 7/8/2024 | *Reaffirmation*

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

180 Technology Parkway, Peachtree Corners, GA 20092 | knguyen@ashrae.org, www.ashrae.org

ANSI/ASHRAE Addendum b to ANSI/ASHRAE Standard 15-2022, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2022) Final Action Date: 6/28/2024 | *Addenda*

ANSI/ASHRAE Addendum ch to ANSI/ASHRAE Standard 135-2020, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2020) Final Action Date: 6/28/2024 | *Addenda*

ANSI/ASHRAE Addendum ck to ANSI/ASHRAE Standard 135-2020, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2020) Final Action Date: 6/28/2024 | *Addenda*

ANSI/ASHRAE Addendum cn to ANSI/ASHRAE Standard 135-2020, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2020) Final Action Date: 6/28/2024 | *Addenda*

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

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

ANSI/ASHRAE Addendum cq to ANSI/ASHRAE Standard 135-2020, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2020) Final Action Date: 6/28/2024 | *Addenda*

ANSI/ASHRAE Addendum cs to ANSI/ASHRAE Standard 135-2020, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2020) Final Action Date: 6/28/2024 | *Addenda*

ANSI/ASHRAE/ASHE Addendum 170o-2021, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 170-2021) Final Action Date: 6/28/2024 | *Addenda*

ANSI/ASHRAE/ICC/IES/USGBC Addendum d to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2020, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/IES/USGBC Standard 189.1-2023) Final Action Date: 6/28/2024 | *Addenda*

ANSI/ASHRAE Standard 195-2024, Method of Test for Rating Air Terminal Unit Controls (new standard) Final Action Date: 6/28/2024 | *New Standard*

ANSI/ASHRAE Standard 79-2024, Method of Test for Fan-Coil Units (revision of ANSI/ASHRAE Standard 79-2015) Final Action Date: 6/28/2024 | *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 B89.4.22-2004 (R2024), Methods for Performance Evaluation of Articulated Arm Coordinate Measuring Machines (reaffirmation of ANSI/ASME B89.4.22-2004 (R2019)) Final Action Date: 7/8/2024 | *Reaffirmation*

ANSI/ASME B16.14-2024, Ferrous Pipe Plugs, Bushings, and Locknuts with Pipe Threads (revision of ANSI/ASME B16.14 -2018) Final Action Date: 7/2/2024 | *Revision*

ASTM (ASTM International)

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

ANSI/ASTM E2072-2024, Specification for Photoluminescent (Phosphorescent) Safety Markings (new standard) Final Action Date: 6/18/2024 | *New Standard*

ANSI/ASTM F1976-2024, Test Method for Impact Attenuation of Athletic Shoe Cushioning Systems and Materials (new standard) Final Action Date: 6/18/2024 | *New Standard*

ANSI/ASTM E1459-2024, Guide for Physical Evidence Labeling and Related Documentation (revision of ANSI/ASTM E1459-2013 (2018)) Final Action Date: 6/18/2024 | *Revision*

ANSI/ASTM E2073-2024, Test Method for Photopic Luminance of Photoluminescent (Phosphorescent) Markings (revision of ANSI/ASTM E2073-2019) Final Action Date: 6/18/2024 | *Revision*

ANSI/ASTM F2225-2024, Safety Specification for Consumer Trampoline Enclosures (revision of ANSI/ASTM F2225-2015 (R2020)) Final Action Date: 6/18/2024 | *Revision*

ANSI/ASTM F2793-2024, Specification for Bicycle Grips (revision of ANSI/ASTM F2793-2014 (R2023)) Final Action Date: 6/18/2024 | *Revision*

AWS (American Welding Society)

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

ANSI/AWS D15.1/D15.1M-2024, Railroad Welding Specification for Cars and Locomotives (revision of ANSI/AWS D15.1/D15.1M-2021-AMD1) Final Action Date: 7/8/2024 | *Revision*

AWWA (American Water Works Association)

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

ANSI/AWWA D106-2024, Sacrificial Anode Cathodic Protection Systems for the Interior Submerged Surfaces of Steel Water Storage Tanks (revision of ANSI/AWWA D106-2020) Final Action Date: 7/8/2024 | *Revision*

CAPA (Certified Automotive Parts Association)

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

ANSI/CAPA 101-001-2019 (R2024), Standard Test Method for Striker Retention Testing of Automotive Replacement Sheet Metal Hoods with Strikers (reaffirmation of ANSI/CAPA 101-001-2019) Final Action Date: 7/8/2024 | *Reaffirmation*

ANSI/CAPA 201-001-2019 (R2024), Standard Test Method for Full Part Dimensional Stability Testing of Automotive Replacement Bumper Covers (reaffirmation of ANSI/CAPA 201-001-2019) Final Action Date: 7/8/2024 | *Reaffirmation*

CSA (CSA America Standards Inc.)

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

ANSI/CSA Z21.63-2019 (R2024), Portable type gas camp heaters (same as CSA 11.3) (reaffirmation of ANSI Z21.63 -2019) Final Action Date: 7/8/2024 | *Reaffirmation*

ANSI/CSA Z21.72-2019 (R2024), Portable type gas camp stoves (same as CSA 11.2) (reaffirmation of ANSI Z21.72-2019) Final Action Date: 7/8/2024 | *Reaffirmation*

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

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

ANSI/IAPMO Z1390-2024, Assistive Tables (new standard) Final Action Date: 7/8/2024 | *New Standard*

IIAR (International Institute of All-Natural Refrigeration)

1001 North Fairfax Street, Alexandria, VA 22314 | tony_lundell@iiar.org, www.iiar.org

ANSI/IIAR 9-2020 Addendum A-2024, Standard for Minimum System Safety Requirements for Existing Closed-Circuit Ammonia Refrigeration Systems (revision of ANSI/IIAR 9-2020) Final Action Date: 7/8/2024 | *Revision*

ISEA (International Safety Equipment Association)

1101 Wilson Blvd, Suite 1425, Arlington, VA 22209 | hwoehrle@safetyequipment.org, www.safetyequipment.org

ANSI/ISEA 121-2024, Dropped Object Prevention Solutions (revision of ANSI/ISEA 121-2018) Final Action Date: 7/2/2024 | *Revision*

NETA (InterNational Electrical Testing Association)

3050 Old Centre Rd, Suite 101, Portage, MI 49024 | ldanzy@netaworld.org, www.netaworld.org

ANSI/NETA ECS-2024, NETA Standard for Electrical Commissioning Specifications for Electrical Power Equipment and Systems (revision of ANSI/NETA ECS-2020) Final Action Date: 7/2/2024 | *Revision*

NFPA (National Fire Protection Association)

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

ANSI/NFPA 326-2025, Standard for the Safeguarding of Tanks and Containers for Entry, Cleaning, or Repair (revision of ANSI/NFPA 326-2020) Final Action Date: 7/1/2024 | *Revision*

NSF (NSF International)

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

ANSI/NSF 173-2024 (i105r1) Addendum, Dietary Supplements (revision of ANSI/NSF 173-2022) Final Action Date: 6/27/2024 | *Revision*

ANSI/NSF 173-2024 (i110r3) Addendum, Dietary Supplements (revision of ANSI/NSF 173-2022) Final Action Date: 6/24/2024 | *Revision*

ANSI/NSF/CAN 61-2024 (i174r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF/CAN 61 -2022) Final Action Date: 7/2/2024 | *Revision*

ANSI/NSF/CAN 61-2024 (i181r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF/CAN 60 -2023) Final Action Date: 6/28/2024 | *Revision*

ANSI/NSF/CAN 600-2024 (i8r1), Health Effects Evaluation and Criteria for Chemicals in Drinking Water (revision of ANSI/NSF/CAN 600-2023) Final Action Date: 6/26/2024 | *Revision*

ANSI/NSF/CAN 600-2024 (i12r1), Health Effects Evaluation and Criteria for Chemicals in Drinking Water (revision of ANSI/NSF/CAN 600-2023) Final Action Date: 7/3/2024 | *Revision*

SDI (ASC A250) (Steel Door Institute)

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

ANSI A250.4-2024, Test Procedure and Acceptance Criteria for Physical Endurance for Steel Doors, Frames and Frame Anchors (revision of ANSI A250.4-2022) Final Action Date: 7/8/2024 | *Revision*

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

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

ANSI A108.15-2019 (R2024), Alternate Method: Installation of Paper-Faced Glass Mosaic Tile (reaffirmation of ANSI A108.15-2019) Final Action Date: 7/8/2024 | *Reaffirmation*

ANSI A108.16-2020 (R2024), Installation of Paper-Faced, Back-Mounted, or Clear Film Face-Mounted Glass Mosaic Tile (reaffirmation of ANSI A108.16-2020) Final Action Date: 7/8/2024 | *Reaffirmation*

ANSI A108.8 (R2024), Installation of Ceramic Tile with Chemical Resistant Furan Resin Mortar and Grout (reaffirmation of ANSI A108.8-1999 (R2019)) Final Action Date: 7/8/2024 | *Reaffirmation*

ANSI A118.13-2014 (R2024), Standard Specification for Bonded Sound Reduction Membranes for Thin-set Ceramic tile Installation (reaffirmation of ANSI A118.13-2014 (R2019)) Final Action Date: 7/8/2024 | *Reaffirmation*

ANSI A118.12 (R2024), Standard Specifications for Crack Isolation Membranes for Thin-Set Ceramic Tile and Dimension Stone Installation (reaffirmation of ANSI A118.12-2014 (R2019)) Final Action Date: 7/8/2024 | *Reaffirmation*

ULSE (UL Standards & Engagement)

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

ANSI/UL 248-5-2005 (R2024), Standard for Low-Voltage Fuses - Part 5: Class G Fuses (reaffirmation of ANSI/UL 248-5 -2005 (R2019)) Final Action Date: 7/5/2024 | *Reaffirmation*

ANSI/UL 248-6-2005 (R2024), Standard for Low-Voltage Fuses - Part 6: Class H Non-Renewable Fuses (reaffirmation of ANSI/UL 248-6-2005 (R2019)) Final Action Date: 7/5/2024 | *Reaffirmation*

ANSI/UL 248-7-2005 (R2024), Standard for Low-Voltage Fuses - Part 7: Class H Renewable Fuses (reaffirmation of ANSI/UL 248-7-2005 (R2019)) Final Action Date: 7/5/2024 | *Reaffirmation*

ANSI/UL 60079-15-2020 (R2024), Standard for Safety for Explosive Atmospheres - Part 15: Equipment Protection by Type of Protection n (reaffirm a national adoption ANSI/UL 60079-15-2020) Final Action Date: 6/27/2024 | *Reaffirmation*

ANSI/UL 746C-2024, Standard for Safety for Polymeric Materials - Use in Electrical Equipment Evaluations (revision of ANSI/UL 746C-2023) Final Action Date: 7/3/2024 | *Revision*

ANSI/UL 854-2024, Standard for Safety for Service-Entrance Cables (revision of ANSI/UL 854-2023) Final Action Date: 7/2/2024 | *Revision*

ANSI/UL 2079-2024, Standard for Tests for Fire Resistance of Building Joint Systems (revision of ANSI/UL 2079-2020) Final Action Date: 6/28/2024 | *Revision*

ANSI/UL 8750-2024, Light Emitting Diode (LED) Equipment for Use in Lighting Products (revision of ANSI/UL 8750 -2022) Final Action Date: 7/2/2024 | *Revision*

Call for Members (ANS Consensus Bodies)

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

ANSI Accredited Standards Developer

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

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

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

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

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

ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

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

ANSI Accredited Standards Developer

AAFS - American Academy of Forensic Sciences

New membership opportunities for all existing consensus bodies. Application Deadline: August 12, 2024

New membership opportunities for existing consensus bodies: Anthropology, Bloodstain Pattern Analysis, CSI, DNA, Dogs and Sensors, Firearms and Toolmarks, Footwear and Tire, Forensic Document Examination, Forensic Nursing, Forensic Odontology, Friction Ridge, Mass Fatality Management and Disaster Victim Identification, Medicolegal Death Investigation, Toxicology, Wildlife Forensics.

The Academy Standards Board (ASB) of the American Academy of Forensic Sciences (AAFS) is an ANSI-accredited Standards Development Organization. It is announcing a call for new members for all existing consensus bodies. The consensus bodies have 7 to 25 members based on applications received. Members will be selected by the Board of Directors of the ASB. The ASB has six interest categories, applicants are encouraged to apply in their self-selected interest category. A person may apply to one or more Consensus Body, and need not indicate the same interest category for each Consensus Body application. An on-line application form is available at https://www.aafs.org/academy-standards-board, the website also contains links to several relevant documents describing the ASB. Applicants are requested to submit the online form to be considered for serving on the ASB consensus bodies by August 12, 2024

Questions: Teresa Ambrosius, TAmbrosius@aafs.org, 719-453-1036.

ANSI Accredited Standards Developer

NECA - National Electrical Contractors Association

Consensus Body Member - Targeted Outreach

NECA is actively seeking participation in the following standards development work and in the interest categories specified:

NECA 303: Standard for Installing Video Surveillance Systems
Specific Interest Categories:
- ***Producer*** **–** Those who are predominantly involved with the manufacture of products and systems installed by electrical contractors. This category usually includes manufacturers and trade associations.
- ***Government*** **–** This category typically includes government agencies that contract for electrical construction work or public employees like public jurisdiction inspectors.
- ***General Interest*** **–** Those who are not associated with electrical construction. This category typically includes professional and lay people employed by academic and scientific institutions, experts, government agencies, insurance companies, etc.

NECA 90: Recommended Practice for Commissioning Building Electrical Systems
Specific Interest Categories:
- ***Producer*** **–** Those who are predominantly involved with the manufacture of products and systems installed by electrical contractors. This category usually includes manufacturers and trade associations.
- ***Government*** **–** This category typically includes government agencies that contract for electrical construction work or public employees like public jurisdiction inspectors.
- ***General Interest*** **–** Those who are not associated with electrical construction. This category typically includes professional and lay people employed by academic and scientific institutions, experts, government agencies, insurance companies, etc.

To apply or obtain additional information please contact Jeff J. Noren at jeff.noren@necanet.org by July 15, 2024.

For more information, see https://www.necanet.org/programs/codesandstandards/neis/neis-seeking-consensus-body-participants

AAMI (Association for the Advancement of Medical Instrumentation)

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

BSR/AAMI EQ93-2019 (R202x), Medical equipment management-Vocabulary used in medical equipment programs (reaffirmation of ANSI/AAMI EQ93-2019)

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 B31T-202x, Standard Toughness Requirements for Piping (revision of ANSI/ASME B31T-2021)

BHMA (Builders Hardware Manufacturers Association)

529 14th Street NW, Suite 1280, Washington, DC 20045 | agambrall@kellencompany.com, www.buildershardware.com

BSR/BHMA 156.36-202x, Standard for Auxiliary Locks (revision of ANSI/BHMA A156.36-2020)

BHMA (Builders Hardware Manufacturers Association)

529 14th Street NW, Suite 1280, Washington, DC 20045 | agambrall@kellencompany.com, www.buildershardware.com

BSR/BHMA A156.41-202x, Standard for Door Hardware Single Motion to Egress (revision of ANSI/BHMA A156.41 -2020)

IES (Illuminating Engineering Society)

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

BSR/IES LM-16-202x, Lighting Measurement: Practical Guide to Colorimetry of Light Sources (new standard)

IES (Illuminating Engineering Society)

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

BSR/IES LM-58-202x, Approved Method: Spectroradiometric Measurement Methods for Light Sources (revision of ANSI/IES LM-58-20)

IES (Illuminating Engineering Society)

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

BSR/IES TM-43-202x, Technical Memorandum: Photometric Measurement of Linear Style Lamps and Luminaires that Exceed the Capabilities of Type C Goniophotometers (new standard)

ITI (INCITS) (InterNational Committee for Information Technology Standards)

700 K Street NW, Suite 600, Washington, DC 20001 | comments@standards.incits.org, www.incits.org

BSR INCITS 587-202x, Information technology - SCSI Block Commands - 6 (SBC-6) (new standard)

NSF (NSF International)

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

BSR/NSF 455-3-202x (i43r1), Good Manufacturing Practices for Cosmetics (revision of ANSI/NSF 455-3-2022)

NSF (NSF International)

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

BSR/NSF 541-202x, Evaluation of microplastics and nanoplastics in system components (new standard)

ULSE (UL Standards & Engagement)

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

BSR/CAN/UL 325-202x, Standard for Door, Drapery, Gate, Louver, and Window Operators and Systems (revision of ANSI/UL 325-2023)

VITA (VMEbus International Trade Association (VITA))

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

BSR/VITA 42.6-2009 (S202x), XMC 10 Gigabit Ethernet 4-Lane Protocol Layer Standard (stabilized maintenance of ANSI/VITA 42.6-2009 (R2015))

VITA (VMEbus International Trade Association (VITA))

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

BSR/VITA 46.10-2009 (S202x), Rear Transition Module for VPX (stabilized maintenance of ANSI/VITA 46.10-2009 (R2015))

VITA (VMEbus International Trade Association (VITA))

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

BSR/VITA 51.2-2016 (R202x), Physics of Failure Reliability Predictions (reaffirmation of ANSI/VITA 51.2-2016)

VITA (VMEbus International Trade Association (VITA))

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

BSR/VITA 51.3-2010 (S202x), Qualification and Environmental Stress Screening in Support of Reliability Predictions (stabilized maintenance of ANSI/VITA 51.3-2010 (R2016))

VITA (VMEbus International Trade Association (VITA))

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

BSR/VITA 66.0-2016 (R202x), Optical Interconnect on VPX - Base Standard (reaffirmation of ANSI/VITA 66.0-2016)

VITA (VMEbus International Trade Association (VITA))

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

BSR/VITA 66.4-2016 (R202x), Optical Interconnect on VPX - Half Width MT Variant (reaffirmation of ANSI/VITA 66.4 -2016)

VITA (VMEbus International Trade Association (VITA))

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

BSR/VITA 68.0-202x, VPX Compliance Channel Standard (revision of ANSI/VITA 68.0-2017)

VITA (VMEbus International Trade Association (VITA))

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

BSR/VITA 68.1-202x, VPX Compliance Channel - Fixed Signal Integrity Budget Standard (revision of ANSI/VITA 68.1 -2017)

American National Standards (ANS) Process

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

Where to find Procedures, Guidance, Interpretations and More…

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

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

www.ansi.org/essentialrequirements

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

www.ansi.org/standardsaction

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

www.ansi.org/sdoaccreditation

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

www.ansi.org/asd

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

www.ansi.org/asd

• American National Standards Key Steps:

www.ansi.org/anskeysteps

• American National Standards Value:

www.ansi.org/ansvalue

• ANS Web Forms for ANSI-Accredited Standards Developers:

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

• Information about standards Incorporated by Reference (IBR):

https://ibr.ansi.org/

• ANSI - Education and Training:

www.standardslearn.org

Accreditation Announcements (Standards Developers)

Approval of Accreditation – ASD

SFIA - Steel Framing Industry Association

Effective July 2, 2024

ANSI's Executive Standards Council has approved **SFIA - Steel Framing Industry Association** as an ANSI Accredited Standards Developer (ASD) under its proposed operating procedures for documenting consensus on SFIA-sponsored American National Standards, effective **July 2, 2024**. For additional information, please contact: Larry Williams, Steel Framing Industry Association (SFIA) | 513 W Broad Street, Suite 210, Falls Church, VA 22046 | (703) 538-1613, lwilliams@steelframing.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)

PHTA (Pool and Hot Tub Alliance)

PRCA (Professional Ropes Course Association)

RESNET (Residential Energy Services Network, Inc.)

SAE (SAE International)

TCNA (Tile Council of North America)

TIA (Telecommunications Industry Association)

TMA (The Monitoring Association)

ULSE (UL Standards & Engagement)

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

ANSI-Accredited Standards Developers (ASD) Contacts

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

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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 17646, Rapid detection of moisture content in fresh meat - Low-field NMR method - 9/26/2024, $77.00

Earth-moving machinery (TC 127)

ISO/DIS 19014-3, Earth-moving machinery - Functional safety - Part 3: Environmental performance and test requirements of electronic and electrical components used in safety-related parts of the control system - 9/22/2024, $58.00

Equipment for fire protection and fire fighting (TC 21)

ISO/DIS 21927-13, Smoke and heat control systems - Part 13: Design and calculation methods for pressure differential systems (PDSs) - 9/26/2024, $165.00

Essential oils (TC 54)

ISO 13171:2016/DAmd 1, - Amendment 1: Essential oil of oregano [Origanum vulgare L. subsp. hirtum (Link) letsw] - Amendment 1 - 9/26/2024, $29.00

Implants for surgery (TC 150)

ISO/DIS 27186, Active implantable medical devices - Four-pole connector system for implantable cardiac rhythm management devices - Dimensional and test requirements - 9/22/2024, $165.00

Nuclear energy (TC 85)

ISO/DIS 15382, Radiological protection - Procedures for monitoring the dose to the lens of the eye, the skin and the extremities - 9/26/2024, $102.00

ISO/DIS 19361, Measurement of radioactivity - Determination of beta emitters activities - Test method using liquid scintillation counting - 9/26/2024, $82.00

Optics and optical instruments (TC 172)

ISO/DIS 16671.2, Ophthalmic implants - Irrigating solutions for ophthalmic surgery - 7/13/2024, $88.00

ISO/DIS 11979-4, Ophthalmic implants - Intraocular lenses - Part 4: Labelling and information - 9/21/2024, $46.00

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

ISO/DIS 16611, Plastics piping systems for drainage and sewerage without pressure - Non-circular pipes and joints made of glass-reinforced thermosetting plastics (GRP) based on unsaturated polyester resins (UP) - Dimensions, requirements and tests - 9/26/2024, $88.00

ISO/DIS 24033, Polyethylene of raised temperature resistance (PE-RT) pipes - Effect of time and temperature on the expected strength - 9/21/2024, $62.00

Refrigeration (TC 86)

ISO/DIS 5149-1, Refrigerating systems and heat pumps - Safety and environmental requirements - Part 1: Definitions, classification and selection criteria - 9/20/2024, $119.00

ISO/DIS 5149-2, Refrigerating systems and heat pumps - Safety and environmental requirements - Part 2: Design, construction, testing, marking and documentation - 9/20/2024, $125.00

ISO/DIS 5149-3, Refrigerating systems and heat pumps - Safety and environmental requirements - Part 3: Installation site - 9/20/2024, $62.00

Robots and robotic devices (TC 299)

ISO/DIS 13482, Robotics - Safety requirements for service robots - 9/20/2024, $175.00

Security (TC 292)

ISO/DIS 22300, Security and resilience - Vocabulary - 9/22/2024, $77.00

Thermal insulation (TC 163)

ISO/DIS 18959, Thermal insulation products - Rigid nano-microporous insulation for industrial applications - Specification - 9/21/2024, $53.00

ISO/DIS 20812, Thermal insulation products for buildings - Cellular glass products - Specification - 9/22/2024, $53.00

Transfusion, infusion and injection equipment for medical use (TC 76)

ISO/DIS 8536-16, Infusion equipment for medical use - Part 16: Infusion sets for single use with volumetric infusion controllers - 9/21/2024, $62.00

Transport information and control systems (TC 204)

ISO/DIS 18750, Intelligent transport systems - Local dynamic map - 9/20/2024, $134.00

ISO/DIS 25110, Electronic fee collection - Interface definition for on-board account using integrated circuit card (ICC) - 9/19/2024, $93.00

ISO/IEC JTC 1, Information Technology

ISO/IEC/IEEE DIS 15026-1, Systems and software engineering - Systems and software assurance - Part 1: Concepts and vocabulary - 9/20/2024, $98.00

IEC Standards

All-or-nothing electrical relays (TC 94)

94/1033/CDV, IEC 63522-2 ED1: Electrical relays - Tests and Measurements - Part 2: Mechanical tests and weighing, 09/27/2024

94/1039(F)/FDIS, IEC 63522-48 ED1: Electrical relays - Tests and measurements - Part 48: Contact failure rate test, 08/02/2024

94/1048/FDIS, IEC 63522-7 ED1: Electrical relays - Tests and measurements - Part 7: Functional tests, 08/16/2024

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

100/4166/CD, IEC 63479-2 ED1: Infotainment Services for Public Vehicles (PVIS) - Part 2: Requirements, 09/27/2024

100/4167/CD, IEC 63479-3 ED1: Infotainment Services for Public Vehicles (PVIS) - Part 3: Framework, 09/27/2024

Bare aluminium conductors (TC 7)

7/752/DTS, IEC TS 62818-1 ED1: Conductors for overhead lines - Fiber reinforced composite core used as supporting member material - Part 1: Polymeric matrix composite cores, 08/30/2024

7/753/DTS, IEC TS 62818-2 ED1: Conductors for overhead lines - Fiber reinforced composite core used as supporting member material - Part 2: Metallic matrix composite cores, 08/30/2024

Electric traction equipment (TC 9)

9/3113/FDIS, IEC 62425 ED2: Railway applications - Communication, signalling and processing systems - Safety related electronic systems for signalling, 08/16/2024

9/3115/FDIS, IEC 62427 ED2: Railway applications - Compatibility between rolling stock and train detection systems, 08/16/2024

9/3114/FDIS, IEC 63438 ED1: Railway applications - Fixed installations - Protection principles for AC and DC electric traction power supply systems, 08/16/2024

9/3084/CDV, IEC 63536 ED1: Railway applications - Signalling and control systems for non UGTMS Urban Rail systems (Fast track), 09/27/2024

Electrical apparatus for explosive atmospheres (TC 31)

31/1781/CDV, IEC 60079-0 ED8: Explosive atmospheres - Part 0: Equipment - General requirements, 09/27/2024

31/1782/CDV, IEC 60079-7 ED6: Explosive atmospheres - Part 7: Equipment protection by increased safety "e", 08/30/2024

Electrical equipment in medical practice (TC 62)

62C/918/CD, IEC 60601-2-92 ED1: Medical electrical equipment - Part 2-92: Particular requirements for the basic safety and essential performance of MRI based image guided radiotherapy equipment for use with electron accelerators, 09/20/2024

62A/1606/NP, PNW 62A-1606 ED1: Packaging for non-sterile medical devices - Requirements for packaging systems, 09/27/2024

Electrical installations of buildings (TC 64)

64/2678/CD, IEC 60364-4-41 ED6: Low-voltage electrical installations - Part 4-41: Protection for safety - Protection against electric shock, 10/25/2024

64/2675/FDIS, IEC 60364-5-52/AMD1 ED3: Amendment 1 - Low-voltage electrical installations - Part 5-52: Selection and erection of electrical equipment - Wiring systems, 08/16/2024

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

18A/488/FDIS, IEC 60092-378 ED1: Electrical installations in ships - Part 378: Optical fiber cables, 08/16/2024

Electroacoustics (TC 29)

29/1181/CD, IEC 60601-2-66 ED4: Medical electrical equipment - Part 2-66: Particular requirements for the basic safety and essential performance of hearing aids and hearing aid systems, 09/27/2024

Electromechanical components and mechanical structures for electronic equipments (TC 48)

48B/3108/CDV, IEC 60352-7 ED3: Solderless connections - Part 7: Spring clamp connections - General requirements, test methods and practical guidance, 09/27/2024

Fibre optics (TC 86)

86C/1937/CD, IEC 61280-4-2/AMD1 ED3: Amendment 1 - Fibre-optic communication subsystem test procedures - Part 4-2: Installed cabling plant - Single-mode attenuation and optical return loss measurements, 08/30/2024

Industrial-process measurement and control (TC 65)

65/1054/FDIS, IEC 61010-2-203 ED1: Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2-203: Particular requirements for industrial communication circuits and communication port interconnection, 08/16/2024

65B/1256/CDV, IEC 61514 ED2: Industrial-process control systems - Methods of evaluating the performance of valve positioners with pneumatic outputs, 09/27/2024

65B/1257/CDV, IEC 61514-2 ED3: Industrial process control systems - Part 2: Methods of evaluating the performance of intelligent valve positioners with pneumatic outputs mounted on an actuator valve assembly, 09/27/2024

65E/1110/DTS, IEC TS 62453-53-31 ED1: Field Device Tool (FDT) Interface Specification - Part 53-31: Communication implementation for CLI and HTML - IEC 61784 CP 3/1 and CP 3/2, 08/30/2024

65E/1111/DTS, IEC TS 62453-53-90 ED1: Field Device Tool (FDT) Interface Specification - Part 53-90: Communication implementation for CLI and HTML - IEC 61784 CPF 9, 08/30/2024

Instrument transformers (TC 38)

38/793/CD, IEC 61869-7 ED1: Instrument transformers - Part 7: Specific requirements for electronic Voltage Transformers, 08/30/2024

38/794/CD, IEC 61869-8 ED1: Instrument transformers - Part 8: Specific requirements for Electronic Current Transformers, 08/30/2024

38/792/NP, PNW 38-792 ED1: IEC 61869-201: Instrument transformers - Part 201: General requirements for Instrument Transformers for low voltage applications (≤1000 V AC and 1500 V DC), 09/27/2024

Magnetic components and ferrite materials (TC 51)

51/1512/NP, PNW 51-1512 ED1: Magnetic powder cores Guidelines on dimensions and limits of surface irregularities - Part 9: Ellipse-cores, 09/27/2024

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

114/537/DTS, IEC TS 62600-100 ED2: Marine energy - Wave, tidal and other water current converters - Part 100: Electricity producing wave energy converters - Power performance assessment, 08/30/2024

114/539/DTS, IEC TS 62600-101 ED2: Marine energy - Wave, tidal and other water current converters - Part 101: Wave energy resource assessment and characterization, 08/30/2024

Nuclear instrumentation (TC 45)

45B/1063/CDV, IEC 60761-2 ED3: Equipment for continuous monitoring of radioactivity in gaseous effluents - Part 2: Specific requirements for radioactive aerosol monitors including transuranic aerosols, 09/27/2024

Overhead lines (TC 11)

11/306/DTR, IEC TR 63566 ED1: Overhead lines - Aviation warning spheres - Layout and installation guide, 08/30/2024

Performance of household electrical appliances (TC 59)

59K/396(F)/FDIS, IEC 60704-2-10 ED3: Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-10: Particular requirements for ranges, ovens, steam ovens, grills and microwave ovens, 08/09/2024

Power capacitors (TC 33)

33/711/CD, IEC 60358-1 ED2: Coupling capacitors and capacitor dividers - Part 1: General rules, 08/30/2024

Printed Electronics (TC 119)

119/505/FDIS, IEC 62899-301-3 ED1: Printed Electronics - Part 301-3: Equipment - Contact printing - Rigid master - Method to measure the shape errors of printing plate rollers, 08/16/2024

119/504/DTR, IEC TR 62899-303-2 ED1: Printed electronics - Part 303-2: Equipment - Sheet to sheet printing - Mechanical dimension, 08/30/2024

Rotating machinery (TC 2)

2/2207/CD, IEC TS 60034-27-6 ED1: Rotating electrical machines - Part 27-6: On-line partial discharge measurements of rotating machine windings supplied from an inverter, 08/30/2024

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

116/785/CDV, IEC 62841-1/AMD1 ED1: Amendment 1 - Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 1: General requirements, 09/27/2024

116/802(F)/FDIS, IEC 62841-3-11 ED1: Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-11: Particular requirements for transportable combined mitre and bench saws, 07/26/2024

116/801(F)/FDIS, IEC 62841-3-15 ED1: Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-15: Particular requirements for transportable magnetic drills, 07/26/2024

116/806/FDIS, IEC 62841-4-4/AMD1 ED1: Amendment 1 - Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-4: Particular requirements for lawn trimmers, lawn edge trimmers, grass trimmers, brush cutters and brush saws, 08/16/2024

116/810/NP, PNW 116-810 ED1: Electric motor-operated tools - Dust measurement procedure - Part 3-3: Particular requirements for transportable planers and thicknessers, 09/27/2024

116/811/NP, PNW 116-811 ED1: Electric motor-operated tools - Dust measurement procedure - Part 3-9: Particular requirements for transportable mitre saws, 09/27/2024

Secondary cells and batteries (TC 21)

21A/890(F)/CDV, IEC 62133-1 ED2: Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications - Part 1: Nickel systems, 09/13/2024

Solar photovoltaic energy systems (TC 82)

82/2278/DTS, IEC TS 60904-1-2 ED2: Photovoltaic devices - Part 1-2: Measurement of current-voltage characteristics of bifacial photovoltaic (PV) devices, 08/30/2024

Switchgear and controlgear (TC 17)

17A/1406(F)/FDIS, IEC 62271-100/AMD1 ED3: Amendment 1 - High-voltage switchgear and controlgear - Part 100: Alternating-current circuit-breakers, 07/26/2024

(TC)

SyCSmartCities/346/DTS, IEC SRD 63520 ED1: Smart cities - Application of IEC SRD 63235 - Concept system building for energy challenge, 08/30/2024

Terminology (TC 1)

1/2622/NP, PNW 1-2622 ED1: International Electrotechnical Vocabulary (IEV) - Part 750: Systems, Smart and Digital, 09/27/2024

Tools for live working (TC 78)

78/1468/DTR, IEC TR 62263 ED2: Live working - Guidelines for the installation and maintenance of optical fibre cables on overhead power lines, 08/30/2024

UHV AC transmission systems (TC 122)

122/176/CD, IEC TS 63042-401 ED1: UHV AC transmission systems - Part 401: Substation Maintenance, 08/30/2024

Ultrasonics (TC 87)

87/875/NP, PNW 87-875 ED1: Ultrasonics - Intraluminal short pressure pulse therapy sources - Characteristics of fields, 09/27/2024

Wind turbine generator systems (TC 88)

88/1040/FDIS, IEC 61400-24/AMD1 ED2: Amendment 1 - Wind energy generation systems - Part 24: Lightning protection, 08/16/2024

Winding wires (TC 55)

55/2049(F)/FDIS, IEC 60317-0-3 ED4: Specifications for particular types of winding wires - Part 0-3: General requirements - Enamelled round aluminium wire, 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

Additive manufacturing (TC 261)

ISO/ASTM 52904:2024, Additive manufacturing of metals - Process characteristics and performance - Metal powder bed fusion process to meet critical applications, $124.00

Agricultural food products (TC 34)

ISO 29842:2024, Sensory analysis - Methodology - Balanced incomplete block designs, $166.00

Air quality (TC 146)

ISO 16000-33:2024, Indoor air - Part 33: Determination of phthalates with gas chromatography/mass spectrometry (GC/MS), $223.00

Cleaning equipment for air and other gases (TC 142)

ISO 29461-3:2024, Air intake filter systems for rotary machinery - Test methods - Part 3: Mechanical integrity of filter elements, $166.00

Dentistry (TC 106)

ISO 15098:2024, Dentistry - Dental tweezers, $81.00

Floor coverings (TC 219)

ISO 2424:2024, Textile floor coverings - Vocabulary, $194.00

Geographic information/Geomatics (TC 211)

ISO 19152-3:2024, Geographic information - Land Administration Domain Model (LADM) - Part 3: Marine georegulation, $250.00

Health Informatics (TC 215)

ISO/IEEE 11073-10206:2024, Health informatics - Device interoperability - Part 10206: Personal health device communication - Abstract content information model, $250.00

Implants for surgery (TC 150)

ISO 5910:2024, Cardiovascular implants and extracorporeal systems - Cardiac valve repair devices, $278.00

Paints and varnishes (TC 35)

ISO 1514:2024, Paints and varnishes - Standard panels for testing, $81.00

Personal safety - Protective clothing and equipment (TC 94)

ISO 374-1:2024, Protective gloves against dangerous chemicals and micro-organisms - Part 1: Terminology and performance requirements for chemical risks, $81.00

ISO 16321-1:2021/Amd 1:2024, - Amendment 1: Eye and face protection for occupational use - Part 1: General requirements - Amendment 1, $23.00

Petroleum products and lubricants (TC 28)

ISO 6919:2024, Measurement of refrigerated hydrocarbon and non-petroleum based liquefied gaseous fuels - Dynamic measurement of liquefied natural gas (LNG) as marine fuel - Truck-to-ship (TTS) bunkering, $194.00

Plastics (TC 61)

ISO 14127:2024, Carbon-fibre-reinforced composites - Determination of the resin, fibre and void contents, $124.00

Project committee: Asset management (TC 251)

ISO 55000:2024, Asset management - Vocabulary, overview and principles, $124.00

ISO 55001:2024, Asset management - Asset management system - Requirements, $124.00

ISO 55012:2024, Asset management - Guidance on people involvement and competence, $81.00

ISO 55013:2024, Asset management - Guidance on the management of data assets, $166.00

Quality management and corresponding general aspects for medical devices (TC 210)

ISO 80369-2:2024, Small-bore connectors for liquids and gases in healthcare applications - Part 2: Connectors for respiratory applications, $223.00

Rubber and rubber products (TC 45)

ISO 1431-1:2024, Rubber, vulcanized or thermoplastic - Resistance to ozone cracking - Part 1: Static and dynamic strain testing, $166.00

Small craft (TC 188)

ISO 15085:2024, Small craft - Protection from falling overboard and means of reboarding, $194.00

Surface chemical analysis (TC 201)

ISO 17973:2024, Surface chemical analysis - Medium-resolution Auger electron spectrometers - Calibration of energy scales for elemental analysis, $81.00

Terminology (principles and coordination) (TC 37)

ISO 21720:2024, XLIFF (XML Localization Interchange File Format), $278.00

Welding and allied processes (TC 44)

ISO 18276:2024, Welding consumables - Tubular cored electrodes for gas-shielded and non-gas-shielded metal arc welding of high strength steels - Classification, $194.00

ISO Technical Specifications

Industrial automation systems and integration (TC 184)

ISO/TS 15926-4:2024, Industrial automation systems and integration - Integration of life-cycle data for process plants including oil and gas production facilities - Part 4: Core reference data, $166.00

Internal combustion engines (TC 70)

ISO/TS 19425:2024, Reciprocating internal combustion engines - Measurement method for air cleaners - Sound power level of combustion air inlet noise and insertion loss using sound pressure, $166.00

Project committee: Asset management (TC 251)

ISO/TS 55010:2024, Asset management - Guidance on the alignment of financial and non-financial functions in asset management, $250.00

Transport information and control systems (TC 204)

ISO/TS 19321:2024, Intelligent transport systems - Cooperative ITS - Dictionary of in-vehicle information (IVI) data structures, $223.00

ISO/IEC JTC 1 Technical Reports

ISO/IEC TR 2375:2024, Information technology - Registered escape sequences and coded character sets, $166.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 5259-1:2024, Artificial intelligence - Data quality for analytics and machine learning (ML) - Part 1: Overview, terminology, and examples, $166.00

ISO/IEC 5259-3:2024, Artificial intelligence - Data quality for analytics and machine learning (ML) - Part 3: Data quality management requirements and guidelines, $194.00

ISO/IEC 23773-3:2024, Information technology - User interfaces for automatic simultaneous interpretation systems - Part 3: System architecture, $81.00

ISO/IEC 23001-11:2023/Amd 1:2024, - Amendment 1: Information technology - MPEG systems technologies - Part 11: Energy-efficient media consumption (green metadata) - Amendment 1: Energy-efficient media consumption (green metadata) for EVC, $23.00

ISO/IEC 23090-15:2024, Information technology - Coded representation of immersive media - Part 15: Conformance testing for versatile video coding, $278.00

ISO/IEC 15067-3-51:2024, Information technology - Home Electronic System (HES) application model - Part 3-51: Framework of a narrow AI engine for a premises energy management system using energy management agents, $166.00

IEC Standards

Electric cables (TC 20)

IEC 60287-2-3 Ed. 2.0 en:2024, Electric cables - Calculation of the current rating - Part 2-3: Thermal resistance - Cables installed in ventilated tunnels, $193.00

Electrical equipment in medical practice (TC 62)

IEC 60601-2-37 Ed. 3.0 b:2024, Medical electrical equipment - Part 2-37: Particular requirements for the basic safety and essential performance of ultrasonic medical diagnostic and monitoring equipment, $386.00

S+ IEC 60601-2-37 Ed. 3.0 en:2024 (Redline version), Medical electrical equipment - Part 2-37: Particular requirements for the basic safety and essential performance of ultrasonic medical diagnostic and monitoring equipment, $657.00

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

IEC 62631-3-12 Ed. 1.0 b:2024, Dielectric and resistive properties of solid insulating materials - Part 3-12: Determination of resistive properties (DC methods) - Volume resistance and volume resistivity - Method for casting resins, $103.00

Other

CISPR 15 Amd.1 Ed. 9.0 b:2024, Amendment 1 - Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment, $303.00

CISPR 15 Ed. 9.1 en:2024, Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment, $1185.00

Wind turbine generator systems (TC 88)

IEC 61400-8 Ed. 1.0 b:2024, Wind energy generation systems - Part 8: Design of wind turbine structural components, $444.00

IEC Technical Reports

Surge arresters (TC 37)

IEC/TR 61643-03 Ed. 1.0 en:2024, Low-voltage surge protective devices - Part 03: SPD Testing Guide, $386.00

IEC Technical Specifications

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

IEC/TS 62600-103 Ed. 2.0 en:2024, Marine energy - Wave, tidal and other water current converters - Part 103: Guidelines for the early stage development of wave energy converters - Best practices and recommended procedures for the testing of pre-prototype devices, $444.00

S+ IEC/TS 62600-103 Ed. 2.0 en:2024 (Redline version), Marine energy - Wave, tidal and other water current converters - Part 103: Guidelines for the early stage development of wave energy converters - Best practices and recommended procedures for the testing of pre-prototype devices, $756.00

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 123 – Plain bearings

Comment Deadline: July 26, 2024

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 123 – *Plain bearings*, 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 123 – *Plain bearings*: Japan (JISC)
ISO/TC 123/SC 2 – *Materials and lubricants, their properties, characteristics, test methods and testing conditions*: Germany (DIN)
ISO/TC 123/SC 3 – *Dimensions, tolerances and construction details*: Germany (DIN)
ISO/TC 123/SC 5 – *Quality analysis and assurance*: Germany (DIN)
ISO/TC 123/SC 6 – *Terms and common items*: Japan (JISC)
ISO/TC 123/SC 7 – *Special types of plain bearings*: Japan (JISC)
ISO/TC 123/SC 8 – *Calculation methods for plain bearings and their applications*: Japan (JISC)

ISO/TC 123 operates under the following scope:

Standardization of plain bearings on the following items :
- *classification, definitions and terminology;*
- *materials and characteristics;*
- *dimensions and tolerances;*
- *methods of tests and quality control, including methods of calculation.*

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 132 – Ferroalloys

Comment Deadline: July 26, 2024

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 132 – *Ferroalloys* and therefore ANSI is not a member of this committee. The Secretariat for the committee is held by China (SAC).

ISO/TC 132 operates under the following scope:

Standardization in the field of ferroalloys and other alloying additives used in iron and steel making, and the manganese ore and chromium ore used in ferroalloys raw material. Excluded: standardization of ferronickels which devolves upon ISO/TC 155.

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 226 – Materials for the production of primary aluminium

Comment Deadline: July 26, 2024

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 226 – *Materials for the production of primary aluminium* and therefore ANSI is not a member of this committee. The Secretariat for the committee is held by Switzerland (SNV).

ISO/TC 226 operates under the following scope:

Standardization in the field of materials for the production of primary aluminium, including aluminium oxide, cryolite, aluminium fluoride, sodium fluoride, carbonaceous products and ceramic materials.

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 93 – Starch (including derivatives and by-products)

Comment Deadline: July 12, 2024

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 93 – *Starch (including derivatives and by-products)* and therefore ANSI is not a member of this committee. The Secretariat for the committee is held by Jamaica (BSJ).

ISO/TC 93 operates under the following scope:

Standardization of terminology, methods of sampling, methods of analysis and examination of starch (including hydrolysis products and dextrins) and its by-products.

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).

Establishment of ISO Subcommittee

ISO/TC 8/SC 26 – Smart shipping

Response Deadline: August 2, 2024

ISO/TC 8 – *Ships and marine technology* has created a new ISO Subcommittee on *Smart shipping* (ISO/TC 8/SC 26). The Secretariat has been assigned to China (SAC).

ISO/TC 8/SC 26 operates under the following scope:

Standardization in the field of emerging and advanced information and communication technologies, (e.g. big data and processing, IoT, onboard sensors, artificial intelligence) in shipbuilding and maritime intelligent transportation system.

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

International Organization for Standardization (ISO)

Establishment of Three ISO Subcommittees

ISO/TC 48 – Laboratory equipment

Response Deadline: August 2, 2024

ISO/TC 48 – *Laboratory equipment* has created three new ISO Subcommittees:

- ISO/TC 48/SC 7 – *Non-measuring equipment made of glass, plastic and ceramics*
  - SC 7 Secretariat: Germany (DIN)
  - SC 7 Scope: *Standardization of material characterization, specification, construction, marking and testing for laboratory equipment, which is not intended to be used for measurement of physical quantities. This includes standardization of principles and materials for construction, performance, dimensions and testing with respect to material characteristics, as well as the terms and definitions used in connection therewith.*
- ISO/TC 48/SC 8 – *Volume measuring instruments*
  - SC 8 Secretariat: Portugal (IPQ)
  - SC 8 Scope: *Volume measuring instruments* under the scope of ISO/TC 48 – *Laboratory equipment*.
- ISO/TC 48/SC 9 – *Laboratory furniture*
  - SC 9 Secretariat: Germany (DIN)
  - SC 9 Scope: *Laboratory furniture* under the scope of ISO/TC 48 – *Laboratory equipment*.

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

Registration of Organization Names in the United States

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

Public Review

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

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

Proposed Foreign Government Regulations

Call for Comment

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

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

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

Public Review Draft

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

Second Public Review (June 2024)
(Draft shows Proposed Changes to Current Standard)

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

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

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180 Technology Parkway NW, Peachtree Corners, GA 30092

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FOREWORD

This proposed addendum adds HCC and HCO for unsaturated hydrochloro-olefins.

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

Addendum ab to Standard 34-2022

Modify Section 5 as follows. The remainder of Section 5 remains unchanged.

5. DESIGNATION

[…]

5.2.2 Composition Designation Prefixes. The identifying number, as determined by Section 4, shall be ~~prefixed by the letter "C" for carbon and preceded by "B," "C," "F," or "I"—or a combination thereof in this sequence—to signify the presence of bromine, chlorine, fluorine, or iodine, respectively. Compounds that also contain hydrogen shall be further preceded by the letter "H" to signify the increased deterioration potential before reaching the stratosphere[14]. The compositional designating prefixes for ether shall substitute an "E" for "C," such that "HFE," "HCFE," and "CFE" refer to hydrofluoroethers, hydrochlorofluoroethers, and chlorofluoroethers, respectively. The composition designating prefixes for halogenated olefins shall be either "CFC," "HCFC," or "HFC" to refer to chlorofluorocarbon, hydrochlorofluorocarbon, or hydrofluorocarbon, respectively, or with substitution of an "O" for the carbon "C" as "CFO," "HCFO," or "HFO" to refer to chlorofluoro-olefin, hydrochlorofluoro-olefin, or hydrofluoro-olefin, respectively.~~ preceded by a composition designating prefix.

The composition designating prefixes for compounds shall be assigned in following order:

1. If compound has hydrogen, designation shall start with "H".
2. If compound has bromine, "B" shall be appended to the designation obtained in previous step.
3. If compound has chlorine, "C shall be appended to the designation obtained in previous step.
4. If compound has fluorine, "F" shall be appended to the designation obtained in previous step.
5. If compound has iodine, "I" shall be appended to the designation obtained in previous step.

6. The designation shall always end with "C" to refer to the carbon, except for ethers, the "C" shall be substituted by an "E" and for halogen-containing olefins, the "C" shall be substituted by an "O".

~~Halogenated~~ Halogen-containing olefins are a subset of ~~halogenated~~ halogen-containing organic (or carbon-containing) compounds having significantly shorter atmospheric lifetimes than their saturated counterparts. ~~Examples include CFC-11, CFC-12, BCFC-12B1, BFC-13B1, HCFC-22, HC-50, CFC-113, CFC-114, CFC-115, HCFC-123, HCFC-124, HFC-125, HFC-134a, HCFC-141b, HCFC-142b, HFC-143a,~~

~~HFC-152a, HC-170, FC-C318, and HFC-1234yf or HFO-1234yf.~~

Examples of items 1. through 6. are as follows: BCFC-12B1, BFC-13B1, CFC-11, FC-C318, FIC-131, HC-50, HCFC-22, HE-E170, HFC-125, and HFO-1234yf.

[…]

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

Public Review Draft

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

First Public Review (June 2024)
(Draft shows Proposed Changes to Current Standard)

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

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FOREWORD

This proposed addendum adds the zeotropic refrigerant blend R-433D to Tables 4-2 and D-2.

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

Addendum af to Standard 34-2022

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

Table 4-2 Data and Safety Classifications for Refrigerant Blends

Refrigerant Number = 433D
Composition (Mass %) = R-1270/290 (35.0/65.0)
Composition tolerances = (±0.5, ±0.5)
OEL = 730 ppm v/v
Safety Group = A3
RCL = 2,700 ppm / 0.3 lb/1000 ft^3 / 4.8 g/m^3
LFL = 22,000 ppm /2.5 lb/1000 ft^3 / 39 g/m^3
Highly Toxic or Toxic Under Code Classification = Neither

Table D-2 Data Classifications for Refrigerant Blends

Refrigerant Number = 433D
Composition (Mass %) = R-1270/290 (35.0 / 65.0)
Average Relative Molar Mass = 43.37 g/mol
Bubble Point (°F) = -48.5°F
Dew Point (°F) = -47.8°F
Bubble Point (°C) = -44.8°C
Dew Point (°C) = -44.4°C

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

Public Review Draft

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

First Public Review (June 2024)
(Draft shows Proposed Changes to Current Standard)

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FOREWORD

This proposed addendum adds the zeotropic refrigerant blend R-493A to Tables 4-2 and D-2.

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

Addendum ag to Standard 34-2022

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

Table 4-2 Data and Safety Classifications for Refrigerant Blends

Refrigerant Number = 493A
Composition (Mass %) = R-290/600a /600 (9.4/30.9 /59.7)
Composition tolerances = (± 0.8/ ± 2.0/ ± 2.0)
OEL = 1,000 ppm v/v
Safety Group = A3
RCL = 1,700 ppm / 0.24 lb/1000 ft^3 / 3.9 g/m^3
LFL = 15,000 ppm /2.2 lb/1000 ft^3 / 35 g/m^3
Highly Toxic or Toxic Under Code Classification = Neither

Table D-2 Data Classifications for Refrigerant Blends

Refrigerant Number = 493A
Composition (Mass %) = R-290/600a /600 (9.4/30.9 /59.7)
Average Relative Molar Mass = 56.44 g/mol
Bubble Point (°F) = 8.8°F
Dew Point (°F) = -20.5°F
Bubble Point (°C) = -12.9°C
Dew Point (°C) = -6.4°C

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

Public Review Draft

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

First Public Review (June 2024)
(Draft shows Proposed Changes to Current Standard)

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FOREWORD

This proposed addendum adds the zeotropic refrigerant blend R-493B to Tables 4-2 and D-2.

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

Addendum ai to Standard 34-2022

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

Table 4-2 Data and Safety Classifications for Refrigerant Blends

Refrigerant Number = 493B
Composition (Mass %) = R-290/600a/600 (11.8/29.1/59.1)
Composition tolerances = (± 0.8/ ± 2.0/ ± 2.0)
OEL = 1,000 ppm v/v
Safety Group = A3
RCL = 1,700 ppm / 0.24 lb/1000 ft^3 / 3.9 g/m^3
LFL = 15,000 ppm / 2.2 lb/1000 ft^3 / 35 g/m^3
Highly Toxic or Toxic Under Code Classification = Neither

Table D-2 Data Classifications for Refrigerant Blends

Refrigerant Number = 493B
Composition (Mass %) = R-290/600a/600 (11.8/29.1/59.1)
Average Relative Molar Mass = 56.02 g/mol
Bubble Point (°F) = 5.9°F
Dew Point (°F) = 19.4°F
Bubble Point (°C) = -14.5°C
Dew Point (°C) = -7.0°C

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

Public Review Draft

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

First Public Review (June 2024)
(Draft shows Proposed Changes to Current Standard)

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FOREWORD

This proposed addendum adds the zeotropic refrigerant blend R-493C to Tables 4-2 and D-2.

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

Addendum aj to Standard 34-2022

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

Table 4-2 Data and Safety Classifications for Refrigerant Blends

Refrigerant Number = 493C
Composition (Mass %) = R-290/600a/600 (15.1/28.3/56.6)
Composition tolerances = (± 0.8/ ± 2.0/ ± 2.0)
OEL = 1,000 ppm v/v
Safety Group = A3
RCL = 1,800 ppm / 0.25 lb/1000 ft^3 / 4.1 g/m^3
LFL = 15,000 ppm / 2.2 lb/1000 ft^3 / 34 g/m^3
Highly Toxic or Toxic Under Code Classification = Neither

Table D-2 Data Classifications for Refrigerant Blends

Refrigerant Number = 493C
Composition (Mass %) = R-290/600a/600 (15.1/28.3/56.6)
Average Relative Molar Mass = 55.45 g/mol
Bubble Point (°F) = 1.9°F
Dew Point (°F) = 17.8°F
Bubble Point (°C) = -16.7°C
Dew Point (°C) = -7.9°C

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

Public Review Draft

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

First Public Review (June 2024)
(Draft shows Proposed Changes to Current Standard)

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FOREWORD

This proposed addendum adds the zeotropic refrigerant blend R-494A to Tables 4-2 and D-2.

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

Addendum ak to Standard 34-2022

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

Table 4-2 Data and Safety Classifications for Refrigerant Blends

Refrigerant Number = 494A
Composition (Mass %) = R-744 / 152a / 13I1 (4.0 / 60.0 / 36.0)
Composition tolerances = (±0.5 / ±1.0 / ±1.0)
OEL = 910 ppm v/v
Safety Group = A2
RCL = 11,000 ppm / 2.3 lb/1000 ft^3 / 36 g/m^3
LFL = 87,000 ppm / 19 lb/1000 ft^3 / 301 g/m^3
Highly Toxic or Toxic Under Code Classification = Neither

Table D-2 Data Classifications for Refrigerant Blends

Refrigerant Number = 494A
Composition (Mass %) = R-744 / 152a / 13I1 (4.0 / 60.0 / 36.0)
Average Relative Molar Mass = 84.53 g/mol
Bubble Point (°F) = -51.3°F
Dew Point (°F) = -17.5°F
Bubble Point (°C) = -46.3°C
Dew Point (°C) = -27.5°C

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

Public Review Draft

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

First Public Review (June 2024)
(Draft shows Proposed Changes to Current Standard)

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FOREWORD

This proposed addendum adds the zeotropic refrigerant blend R-495A to Tables 4-2 and D-2.

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

Addendum al to Standard 34-2022

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

Table 4-2 Data and Safety Classifications for Refrigerant Blends

Refrigerant Number = 495A
Composition (Mass %) = R-32 /1234yf /134a /1234ze(E) (4.5/76.0 /9.0 /10.5)
Composition tolerances = (±0.5 / ± 2.0/ ± 1.0 / ±0.5)
OEL = 580 ppm v/v
Safety Group = A2L
RCL = 19,000 ppm / 5.3 lb/1000 ft^3 / 85 g/m^3
LFL 77,000 ppm /22 lb/1000 ft^3 / 340 g/m^3
BV = <4 cm/sec
Highly Toxic or Toxic Under Code Classification = Neither

Table D-2 Data Classifications for Refrigerant Blends

Refrigerant Number = 495A
Composition (Mass %) = R-32 /1234yf /134a /1234ze(E) (4.5/76.0 /9.0 /10.5)
Average Relative Molar Mass = 107.2 g/mol
Bubble Point (°F) = -32.1°F
Dew Point (°F) = -23.3°F
Bubble Point (°C) = -35.6°C
Dew Point (°C) = -30.7°C

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

Public Review Draft

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

First Public Review (June 2024)
(Draft shows Proposed Changes to Current Standard)

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FOREWORD

This proposed addendum adds the zeotropic refrigerant blend R-487B to Tables 4-2 and D-2.

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

Addendum am to Standard 34-2022

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

Table 4-2 Data and Safety Classifications for Refrigerant Blends

Refrigerant Number = 487B
Composition (Mass %) = R-170 / 1270 (17.0 / 83.0)
Composition tolerances = (+1.0, -2,0 / +2.0, -1.0)
OEL = 560 ppm v/v
Safety Group = A3
RCL = 1,300 ppm / 0.13 lb/1000 ft^3 / 2.1 g/m^3
LFL = 22,000 ppm / 2.3 lb/1000 ft^3 / 36 g/m^3
Highly Toxic or Toxic Under Code Classification = Neither

Table D-2 Data Classifications for Refrigerant Blends

Refrigerant Number = 487B
Composition (Mass %) = R-170 / 1270 (17.0 / 83.0)
Average Relative Molar Mass = 39.4 g/mol
Bubble Point (°F) = -87.8°F
Dew Point (°F) = -62.3°F
Bubble Point (°C) = -66.6°C
Dew Point (°C) = -52.4°C

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

Public Review Draft

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

Second Public Review (June 2024)
(Draft shows Proposed Changes to Current Standard)

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

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FOREWORD

This proposed addendum updates Table 4-2 to add previously missing LFL and burning velocity values for several A2L refrigerants.

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

Addendum n to Standard 34-2022

Modify Table 4-2 as shown. Portions of Table 4-2 which are not shown herein remain unchanged.

Table 4-2 Data and Safety Classifications for Refrigerant Blends

Refrigerant Number		RCL[a] (ppm v/v)	RCL[a] (lb/1000 ft^3)	RCL[a] (g/m^3)	LFL[j] (ppm v/v)	LFL[j] (lb/1000 ft^3)	LFL[j] (g/m^3)	BV[p] (cm/s)	Highly Toxic or Toxic[f] Under Code Classification
					[…]				
457B		19,000	3.7	59	76,000	14.9	239	4.9	Neither
457C		13,800	3.4	54	55,000	13.6	215	5.6	
					[…]				
467A		31,000	6.7	110	125,000[m]	22.9[m]	367[m]	<4	Neither
468A		18,000	4.1	66	73,000	16.9	270	2.1	Neither
468B		18,000	4.4	70	72,000	17.3	278	7.3[q]	Neither
468C		23,000	4.3	69	92,000	17.2	276	7.6	Neither
					[…]				
474A		13,000	3.3	53	53,000	13	209	3.3	Neither
					[…]				

Informative Note: Data values highlighted in gray in this table are based on conditions other than WCF @23°C (73.4°F). Refer to applicable table footnotes for details.

a. Data taken from Calm[8,9,10], Coombs[11,12], and Wilson and Richard[13] (see Section 10).

[…]

f. *Highly toxic*, *toxic*, or *neither*, where *highly toxic* and *toxic* are as defined in the *International Fire Code*, *Uniform Fire Code*, and OSHA regulations, and *neither* identifies those refrigerants having less toxicity than either of those groups[1,2,3].

[…]

j. LFL is based on WCF @23°C (73.4°F) unless otherwise noted.

[…]

o. Reserved for future assignment

p. BV is based on WCF @23°C (73.4°F) unless otherwise noted.

q. WCFF BV @23°C (73.4°F)

BSR/ASHRAE/ASHE Addendum r
to ANSI/ASHRAE/ASHE Standard 170-2021

Public Review Draft

Proposed Addendum r to Standard 170-2021, Ventilation of Health Care Facilities

First Public Review (May 2024)
(Draft shows Proposed Changes to Current Standard)

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

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BSR/ASHRAE/ASHE Addendum r to ANSI/ASHRAE/ASHE Standard 170-2021, *Ventilation of Health Care Facilities*
First Public Review Draft

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FOREWORD

Proposed Addendum r revises Table 9-1 Design Parameters for Residential Health, Care, and Support-Specific Spaces.

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

Addendum r to 170-2021

Revise Table 9-1 as shown. The remainder of Table 9-1 is unchanged.

Table 9-1 Design Parameters for Residential Health, Care, and Support-Specific Spaces

Function of Space (f)	Pressure Relationship to Adjacent Areas (n)	Minimum Outdoor ach	Minimum Total ach	AII Room Air Exhausted Directly to Outdoors (j)	Air Recirculated by Means of Room Units (a)	Unoccupied Turndown	Minimum Filter Efficiencies (c)	Design Relative Humidity (k), %	Design Temperature (l), °F/°C
RESIDENTIAL HEALTH									
NURSING HOMES									
Resident living/activity/dining *(FGI 3.1–2.3.3)*	NR	42	4	NR	NR	Yes	MERV-13	Max 60	70–78/21–29

Informative Note: NR = No requirement

Normative Notes for Table 9-1:

a. *Room unit* use shall be limited to the type indicated in this column. Where multiple unit types are indicated, a single devic with a combination of components may be utilized. ~~Except where indicated by a "No" in this column, recirculating room~~ *Room* ~~HVAC~~ *units* ~~(with heating or cooling coils)~~ are acceptable for providing that portion of the minimum total air changes per hour that is permitted by Section 9.1 (subparagraph [a][5]). Because of the cleaning difficulty and potential for buildup of contamination, recirculating room units shall not be used in areas marked "No." ~~Recirculating devices with high-efficiency particulate air (HEPA) filters shall be permitted in existing facilities as interim, supplemental environmental controls to meet requirements for the control of airborne infectious agents.~~ The design of ~~either portable or fixed~~ these systems should prevent stagnation and short circuiting of airflow. The design of such systems shall also allow for easy access for scheduled preventative maintenance and cleaning.

b. The AII room described in this standard shall be used for isolating the airborne spread of infectious diseases, such as measles, varicella, or tuberculosis. ~~Supplemental recirculating devices using HEPA filters shall be permitted in the AII room to increase the equivalent room air exchanges; however, the minimum outdoor air changes of Table 9-1 are still required.~~ When the AII room is not used for airborne infection isolation, the pressure relationship to adjacent areas, when measured with the door closed, shall remain unchanged, and the minimum total air change rate shall be 6 ach.

...

[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 Cosmetics –

Good Manufacturing Practices for Cosmetics

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•
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4 Audit requirements

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4.3 Planning

4.3.1 Where manufacturers, packers, and distributors of cosmetic products that are in commercial distribution are the responsibly party, those products shall have documented substantiation of safety, as required by the relevant jurisdiction(s). [(21 U.S.C. 361 SEC. 608]

4.3.~~1~~2 Current finished product samples as well as retained product samples are tested for adequacy of preservation against microbial contamination under reasonable conditions of storage and use.
[U.S. FDA Cosmetic GMP guidance]

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•
•

Standard: UL 391
Standard Title: Standard for Solid-Fuel and Combination-Fuel Central and Supplementary Furnaces

Date of Proposal: July 12, 2024
Ballots & Comments Due: August 12, 2024

SUMMARY OF TOPICS

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

1. Editorial Updates in UL 391

2. Conversion Correction in Clause 53.2.1

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

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

UL Standards & Engagement's goal is to have no interest category comprise more than one-third of the TC membership. To improve the current balance for TC 2523, UL Standards & Engagement is looking for participants in the following interest categories: AHJ, Commercial/Industrial User, Consumer, General, Government, and Producer.
To learn more about ULSE's Technical Committees, including the definitions of these interest categories, visit our Technical Committee Members Learn site available here.

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

1. Editorial Updates in UL 391

RATIONALE

Proposal submitted by: Laura Werner, ULSE

In reviewing the Standard, the following updates are proposed to bring the document in alignment with the current ULSE Style Guide.

- Addition of a Referenced Publications section
- Presenting units consistently throughout the document, with metric units in parentheses
- Update of unit wording (such as "Hz" instead of "hertz")
- Correction of conversions

[Note from Project Manager: Not all editorial updates are shown here. Wording provided shows examples of the updates that will be address throughout the standard.]

PROPOSAL

4 Referenced Publications

4.1 Any undated reference to a code or standard appearing in the requirements of this standard shall be interpreted as referring to the latest edition of that code or standard.

4.2 The following publications are referenced in this Standard:

ANSI C80.1, American National Standard for Electrical Rigid Steel Conduit

ASTM D396, Standard for Specification for Fuel Oils

ASTM E230/E230M, Standard Specification and Temperature-Electromotive Force (emf) Tables for Standardized Thermocouples

BOCA National Mechanical Code

National Electrical Code

NFPA 70

NFPA 211, Standard for Chimneys, Fireplaces, Vents, and Solid Fuel Burning Appliances

NFPA 90B, 2-1.3

NFPA 90B, Standard for Installation of Warm Air Heating and Air Conditioning Systems

Standard Mechanical Code

UL 1004-3, Standard for Thermally Protected Motors

UL 2111, Standard for Overheating Protection for Motors

UL 353, Standard for Limit Controls

UL 723, Standard for Tests for Surface Burning Characteristics of Building Materials

UL 969, Standard for Marking and Labeling Systems

Uniform Mechanical Code

42 Chimney Connector

42.2 Where the chimney connector passes through the enclosure, an opening 8 inches (2035 ~~35~~ mm) larger than the chimney connector is to be cut in the enclosure, and the annulus thus formed is to be sealed on the exterior surface with a fire and heat resistive insulating barrier at least 1/8 inch (3.2 mm) thick. See Figure 42.2. Temperatures on the surfaces surrounding the chimney connector are not to be determined at points located less than 2 inches (510 ~~10~~ mm) from the outer edge of the annulus.

56 Limit Control Cutout Test

56.1 General

56.1.1 When adjusted to the maximum setting allowed by a fixed stop, a limit control shall prevent a furnace from delivering air at a temperature in excess of:

a) 121 °C (250 °F), for a solid-fuel-fired furnace or a combination oil-fired and solid-fuel-fired central furnace.

b) 93 °C (200 °F), for a solid-fuel-fired, supplementary central furnace. Also, the operating control shall function at an outlet-air temperature lower than 93 °C (200 °F).

61 Dielectric Voltage Withstand Test

61.1 A furnace shall withstand, without breakdown for a period of 1 min, the application of 60-~~hertz~~ Hz potential between high-voltage live parts and dead metal parts and between live parts of high- and low-voltage circuits.

2. Conversion Correction in Clause 53.2.1

RATIONALE

Proposal submitted by: Dave Mercier, ULSE

There is an error in the conversion of the required density of the wood used in the firebrand for testing. The proper conversion, based on three significant figures, is 1 lb./in^3 = 27,700 kg/m^3. Using this conversion factor, 0.020±0.002 pounds per cubic inch is 554.0 ±55.4 kg/m^3 and not 554.0 ±55.4 kg/mm^3. In Clause 53.2.1, we need to change “554.0 ±55.4 kg/mm^3” to “554.0 ±55.4 kg/m^3” as shown in the following. Also, add an "s" to pounds per cubic inch.

PROPOSAL

53.2.1 A firebrand is to be prepared in strips as illustrated in Figure 53.1 from dry (moisture content of 19 percent or less) strips of Douglas fir. Each strip is to be 3/4 by 3/4 inch (19.1 by 19.1 mm) in cross section and weigh 0.020±0.002 pounds per cubic inch (554.0 ±55.4 kg/~~m~~m^3). The strips are to be placed 1 inch (25.4 mm) apart, on centers providing a 1/4-inch (6.35-mm) space between strips. The brands are to be conditioned in an oven at 105 - 150°F (40.5 - 66°C) for at least 16 hours prior to being burned, and the conditioned brands are to be used within 3 hours of removal from the oven.

BSR/UL 521, Standard for Safety for Heat Detectors for Fire Protective Signaling Services and Standard for Heat Actuated Fire Detectors for Fire Alarm Systems

1. Proposed 8th Edition of UL 521 Standard for Safety for Heat Detectors for Fire Protective Signaling Systems, and proposed 2nd Edition of ULC S530 Standard for Heat Actuated Fire Detectors for Fire Alarm Systems

PROPOSAL

82 ~~United States Only:~~ Heat Detector Characterization for Tenability Monitoring (Optional)

Note: Heat detectors may be used for measuring and reporting temperature below their operating (alarm) set point. ~~to comply with Fire Service Access Elevator requirements in NFPA 72.~~

BSR/UL 567, Standard for Emergency Breakaway Fittings, Swivel Connectors and Pipe-Connection Fittings for Petroleum Products and LP-Gas

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

1. Clarify Product Descriptions

2. Distinguish Rotating Joint from Swivel Joint

3. Revisions to Operation Test

4. Revisions to Marking Adhesion Test

5. Revisions to Pull Test with Respect to Pipe-connecting Fittings

6. Revisions to Electrical Continuity Test

7. Revisions to Endurance Test

8. Revisions to Marking Section

9. Revisions to the Moist Ammonia-Air Stress Cracking Test

10. Revisions to the Tests of Synthetic Rubber Parts

11. Editorial Revisions

PROPOSAL

CONSTRUCTION

6 General

6.1 Petroleum products shall be constructed for an operating pressure of not less than 50 psig (340 kPa) for the fluid confining portion of the device and 0.5 psig (3.45 kPa) for the vapor confining portion of the device, when provided, and an ultimate rupture pressure of not less than five times the design pressure.

7 Materials

7.5 If atmospheric corrosion of a ferrous material part will interfere with the proper function of the product, the part shall be provided with a corrosion-resistant protective coating.

8 Swivel Connectors and Emergency Breakaway Fittings

8.1 A product for use with petroleum products shall provide electrical continuity from end-to-end, so that when it is installed, continuity is provided for grounding of static charges. Such continuity shall be inherent in the construction and shall not be accomplished by a jumper wire.

10 End Connections

10.2 Pipe threads shall be in accordance with the Standard for Pipe Threads, General Purpose (Inch), ANSI/ASME B1.20.1.
Exception: Products intended for use in installations where pipe fittings incorporate other than NPT type threads shall be permitted to be provided with pipe threads complying with a national pipe thread standard compatible with those fittings. The pipe thread type shall be identified in accordance with 27.7.

PERFORMANCE

11 General

11.1 Representative samples of each size and specific construction of the product shall be subjected to the tests described in these requirements. Additional samples of parts constructed of nonmetallic materials are usually required for separate physical and chemical tests.

11.2 External and seat leakage tests on products intended to handle petroleum products shall use a source of aerostatic pressure such as air or nitrogen. When leakage is observed, the tests shall be repeated with kerosene, Soltrol® 170, or other liquid of comparable or lighter viscosity as the test medium.
NOTE Soltrol® is a Registered Trademark of Chevron Phillips Chemical Company LP.

11.3 External and seat leakage tests on products intended to handle LP-Gas shall use a source of aerostatic pressure such as air, nitrogen, or carbon-dioxide gas.

12 Electrical-Continuity Test
12.2 The electrical continuity determination shall be made using a resistance indicating instrument.
12.3 Three samples of a swivel connector as received initially shall be subjected to this test. The same three samples shall be rechecked for electrical continuity during the External Leakage Test, Section 13, while connected to a source of liquid or aerostatic pressure as stated in 11.2 or 11.3. One of the swivel connectors, after having been subjected to the Operation Test, Section 15, and the remaining two samples, for hose swivels, after having been

subjected to the Abuse Test, Section 17, shall be rechecked for continuity during the recheck leakage test also while connected to a source of liquid or aerostatic pressure as stated in 11.2 or 11.3. During this test, each swivel joint shall be rotated not less than one complete turn or to extremes of the swivel travel to determine any points of maximum resistance. Swivel joints, as defined in 5.11 (b), shall not be subjected to the Abuse Test.

12.4 For assemblies with more than one swivel joint, continuity shall be measured across the entire assembly while rotating each swivel joint independently.

12.6 Three samples of an emergency breakaway fitting, as received initially shall be subjected to this test. The same three samples shall be rechecked for electrical continuity during the External Leakage Test, Section 13, while connected to a source of liquid or aerostatic pressure as stated in 11.2 or 11.3. Two of the samples, after having been subjected to the Abuse Test, Section 17, shall be rechecked for continuity during the External Leakage Test, Section 13, also while connected to a source of liquid or aerostatic pressure as stated in 11.2 or 11.3. For vapor recovery fitting samples, only the liquid path is to be pressurized for this test.

13 External Leakage Test

13.1 A product shall not leak when subjected to a liquid or aerostatic pressure of 1.5 times its maximum design pressure when tested as described below. Vapor confining components are subjected to an aerostatic pressure of 0.75 psig (5.17 kPa). See 11.2 and 11.3.

13.2 A swivel connector shall comply with 13.1 before and after having been subjected to the Operation Test, Section 15, and the Abuse Test, Section 17. Swivel joints, as defined in 5.11 (b), shall not be subject to the Abuse Test.

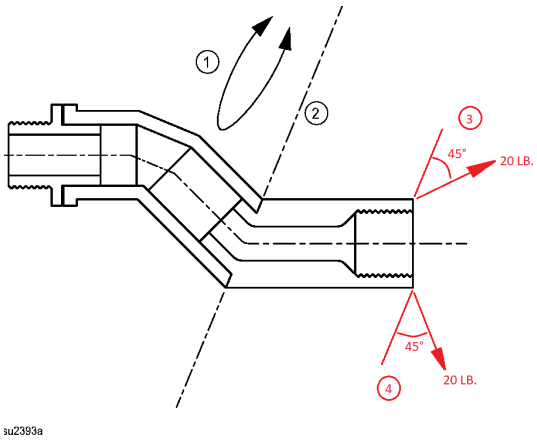
15 Operation Test

15.3 The operating mechanism shall be arranged so that, during each cycle of operation, each joint of a swivel mechanism is rotated through an arc of 180 +10/-0 at a rate between 6 an 10 cycles/min. The manufacturer may request a faster rate but it shall not exceed 30 cycles/min. If the connector is constructed with more than one joint of a swivel mechanism, and it is not feasible to operate all joints simultaneously, then each joint may be operated separately. Rotation of the joint 180 +10/-0 and then back to the initial position is considered 1 cycle of operation.

15.5 During the cycling, a force of 20 lbf (89 N) shall be applied to the swivel at an angle of 45 from the plane of rotation and in such a manner that the force is applied as a bending moment at that joint. The force shall be applied at the point on the swivel farthest from the joint. When necessitated by the swivel construction, the operation test shall be conducted on additional samples of the swivel with the load applied on the opposite side of the plane of rotation. See Figure 15.1 – Figure 15.4 for examples.

Exception: The load does not need to be applied to the opposite side of the plane of rotation when a product incorporates more than one swivel joint and the other swivel joint rotates preventing the load from being applied on the opposite side.

Figure 15.4 (Proposed)
Application of Test Force on Compound Swivel with 45° Outlet



1 – Direction of Rotation
2 – Plane of Rotation
3 – Side One – fixed line is parallel to plane of rotation.
4 – Opposite Side – fixed line is parallel to plane of rotation.

15.6 For coaxial vapor recovery products constructed with connections as shown in Figure 10.1, the inner liquid line "O" rings in the female connection end shall be subjected to 100,000 cycles of operation using the test method described in 15.2. A vapor recovery hose assembly shall be connected to the female connection end. During the cycling, the fitting is fixed and the inner liquid line of the hose assembly shall be rotated through an arc of 180 +10/0 and back to the initial position for each cycle of operation.

16 Endurance Test

16.2 The breakaway fitting shall be connected to a source of liquid or aerostatic pressure (as specified by the manufacturer) and pressurized to 50 psig (340 kPa) for couplings intended to handle petroleum products and 350 psig (2414 kPa) for fittings intended to handle anhydrous ammonia or LP-Gas. For vapor recovery products, only the liquid path shall be pressurized. An air accumulator shall be used as a source of pressure or a pressure relief device shall be connected in line with the sample in order to keep the pressure constant through the entire cycle. One end of the sample shall be subjected to a pull force sufficient to separate the sample. The pressure shall be reduced to zero and the two halves are then reassembled and the sample pressurized. This is determined to be 1 cycle of operation.

18 Drop Test

18.3 The assembly shall be pressurized to the maximum design pressure for each drop. For vapor recovery products, only the liquid path shall be pressurized. The fitting shall be dropped a total of ten times from a height of 8 ft (2.4 m) onto a concrete floor in a manner that tends to cause the fitting ends to strike the floor first.

Exception No. 1: An emergency breakaway fitting for use between the hose nozzle valve and hose assembly only, shall have both ends dropped from 4 ft (1.22 m) onto a concrete floor in a manner that tends to cause the fitting ends to strike the floor first. The emergency breakaway fitting shall also be marked in accordance with 27.5.

Exception No. 2: An emergency breakaway fitting for connection to the dispenser outlet only or for connection to a whip hose installed to the dispenser outlet only, shall have the outlet end only dropped from 8 ft (2.4 m) onto a concrete floor in a manner that tends to cause the fitting ends to strike the floor first. The emergency breakaway fitting shall also be marked with the flow direction and in accordance with 27.5.

Exception No. 3: An emergency breakaway fitting for LP-Gas with any installation restrictions are dropped from the height they are intended to be installed at onto a concrete floor in a manner that tends to cause the fitting ends to strike the floor first. The height shall be as recommended by the manufacturer and shall also be marked in accordance with 27.5 unless the product construction inherently limits the maximum drop height, such as with a cable.

19 Hydrostatic-Strength Test

19.1 A product shall withstand, without rupture or permanent distortion, a hydrostatic pressure of five times its maximum design pressure. Vapor confining components are subjected to a liquid or aerostatic pressure of 2.5 psig (17.24 kPa). If external leakage is observed during this test the connector fitting shall subsequently comply with the requirements for leakage specified in the External Leakage Test, Section 13.

20 Pull Test

20.1 Pipe-connecting fittings

20.1.1 A pipe-connecting fitting, as defined in 5.7 (a), shall withstand the applicable longitudinal pull force specified in Table 20.1 without a pipe or tube pulling out of the fitting.

20.1.3 The test sample shall be placed in a tensile testing machine and both ends shall be connected in such a manner that the fitting can be subjected to a direct longitudinal pull. The pull force shall be applied at a rate not in excess of 600 lbf/min (2700 N/min), and shall be increased until a pipe or tube pulls out of a pipe-connecting fitting.

21 Tests of Synthetic Rubber Parts

21.1 General

21.1.3 If the limits for volume change or weight loss are exceeded, a complete sample shall be filled with the appropriate test fluid for 70 h and the following testing shall be conducted, when applicable. For vapory recovery products, the vapor paths are also to be filled with the test liquid. After the 70 h, the sample shall comply with the requirements for the Electrical-Continuity Test, Section 12, the External Leakage Test, Section 13, and the Hydrostatic-Strength Test, Section 19. For swivel connectors, the Operation Test, Section 15, shall also be conducted on another sample with the test fluid that exceeded the volume change or weight loss limits if other than Fuel C. For emergency breakaway fittings, following the 70 h exposure to the appropriate test fluid, the Endurance Test, Section 16, the Seat Leakage Test, Section 14, and the Pull Test, Section 20, shall also be conducted on this sample. For pipe-connection fittings, the Pull Test, Section 20, shall be conducted with the appropriate test fluid.

21.4 Accelerated Aging Test

21.4.1 A synthetic rubber part affected by aging shall not crack or show visible evidence of deterioration following exposure for 70 h in air oven at a temperature of 212°F (100°C) when tested in accordance with the Standard Test Method for Rubber-Deterioration in an Air Oven, ASTM D573.

23 Marking Adhesion Test

23.1 A pressure-sensitive label, or a label secured by cement or adhesive, shall comply with the requirements of 23.2 – 23.3..

23.2 Pressure-sensitive labels, or labels secured by cement or adhesive shall comply with the applicable requirements for permanence and legibility in the Standard for Marking and Labeling Systems, UL 969 or CSA C22.2 No. 0.15, Adhesive labels. Representative samples of a label shall be subjected to exposure conditions for indoor use (Standard Atmosphere Test, Water Immersion Test, and Oven Aging Test) or, when applicable, to exposure conditions for outdoor use (the above tests, plus Low Temperature and Ultraviolet Light and Water Exposure Test), to determine compliance with the applicable requirements for permanence and legibility in the Standard for Marking and Labeling Systems, UL 969 or CSA C22.2 No. 0.15, Adhesive labels..

23.3 When a label is exposed to unusual conditions in service (such as gasoline, detergents, and the like), it shall also conform to the requirements for outdoor use and gasoline splashing as described in the Standard for Marking and Labeling Systems, UL 969 or CSA C22.2 No. 0.15, Adhesive labels. Following each test, the labels shall comply with the requirements for permanence and legibility in the Standard for Marking and Labeling Systems, UL 969 or CSA C22.2 No. 0.15, Adhesive labels.

24 Moist Ammonia-Air Stress Cracking Test

24.2 One test sample of each size shall be subjected to the physical stresses normally imposed on or within a part as the result of assembly with other components. Samples with female tapered pipe threads, intended to be used for installing the product in the field shall have the threads engaged and tightened to the torque specified in Table 9.2. Samples with female threads other than tapered pipe threads shall be torqued as specified by the manufacturer. Teflon tape or pipe compound shall not be used on any threads. Samples with male threads shall be evaluated in the “as received” condition.

MANUFACTURING AND PRDUCTION TESTS

25 General

25.1 To verify compliance with these requirements, the manufacturer shall provide the necessary production control, inspection, and tests. The program shall include at least the following:

a) Each product shall be tested and found free from leakage at an aerostatic pressure of not less than the maximum design pressure.

b) Each body casting and each welded or brazed joint of a pipe-connecting fitting shall be tested and found free from leakage at an aerostatic pressure of not less than the maximum design pressure.

c) If hydrostatic pressure is used in lieu of aerostatic pressure for leakage tests, the test pressure shall be 1.5 times the maximum design pressure.

MARKING

27 General

27.1 Each product shall be marked with the following information:

a) The manufacturer’s or private labeler’s identification.

b) A distinctive catalog number or the equivalent.

27.4 Each breakaway fitting shall be marked with the word "WARNING" « AVERTISSEMENT » and the following or equivalent statement:

"THIS DEVICE SEPARATES AT ____ POUNDS PULL FORCE. PRIOR TO INSTALLATION, IT SHALL BE DETERMINED THAT SUCH PULL FORCE WILL NOT DAMAGE HOSE ASSEMBLY OR DISPENSING DEVICE. DISPENSING DEVICE MUST BE SECURELY BOLTED TO THE DISPENSING ISLAND."

« CET APPAREIL SE SÉPARE SOUS UNE FORCE DE TRACTION DE ____ LIVRES. AVANT L'INSTALLATION, IL FAUT DÉTERMINER QUE CETTE FORCE DE TRACTION N'ENDOMMAGERA PAS L'ENSEMBLE DE FLEXIBLES NI LE DISPOSITIF DE DISTRIBUTION. LE DISPOSITIF DE DISTRIBUTION DOIT ÊTRE SOLIDEMENT BOULONNÉ À L'ÎLOT DE DISTRIBUTION. »

This marking is not required to be permanent and may be removed upon installation.

27.6 When a manufacturer produces products at more than one factory, each connector or fitting shall have a distinctive marking, to identify it as the product of a particular factory.

27.7 Products constructed using pipe thread in accordance with the Exception to 10.2 shall be provided with a tag, label, or similar marking on the product or smallest unit package, identifying the pipe thread type for the installer.

27.8 Markings shall be legible and reasonably permanent, as afforded by stamping on metal parts, laser etching, by molding in a casting, by a metal nameplate or printed on pressure-sensitive labels secured by adhesive. Pressure-sensitive labels, upon investigation, shall be acceptable and appropriate for the application. Installation, ordinary usage, handling, and the like, of the fitting and the atmosphere in which it is used are considered in the determination of the permanence of the marking.

Standard: UL 907
Standard Title: Standard for Fireplace Accessories

Date of Proposal: July 12, 2024
Ballots & Comments Due: August 12, 2024

SUMMARY OF TOPICS

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

1. Editorial Updates in UL 907

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

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

UL Standards & Engagement's goal is to have no interest category comprise more than one-third of the TC membership. To improve the current balance for TC 127, UL Standards & Engagement is looking for participants in the following interest categories: AHJ, Commercial/Industrial User, Consumer, General, Government, Testing & Standards Organizations, and Supply Chain.
To learn more about ULSE's Technical Committees, including the definitions of these interest categories, visit our Technical Committee Members Learn site available here.

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

1. Editorial Updates in UL 907

RATIONALE

Proposal submitted by: Laura Werner, ULSE

In reviewing the Standard, the following updates are proposed to bring the document in alignment with the current ULSE Style Guide.

- Addition of a Referenced Publications section
- Correction of conversions
- Update of unit wording and abbreviations
- Typo corrections

[Note from Project Manager: Not all editorial updates are shown here. Wording provided shows examples of the updates that will be address throughout the standard.]

PROPOSAL

5 Referenced Publications

5.1 Any undated reference to a code or standard appearing in the requirements of this Standard shall be interpreted as referring to the latest edition of that code or standard.

5.2 The following publications are referenced in this Standard:

ASTM E230/E230M, Standard Specification and Temperature-Electromotive Force (emf) Tables for Standardized Thermocouples

ASME B36.10M, Welded and Seamless Wrought Steel Pipe

ASTM D2860, Standard for Adhesion of Pressure-Sensitive Tape to Fiberboard at 90° Angle and Constant Stress

International Building Code

International Mechanical Code

NEMA WD 6, Standard for Wiring Devices – Dimensional Requirements

NFPA 211, Standard for Chimneys, Fireplaces, Vents and Solid Fuel Burning Appliances

NFPA 70, National Electrical Code

UL 1004-1, Standard for Rotating Electrical Machines – General Requirements

UL 1004-2, Standard for Impedance Protected Motors

UL 1004-3, Standard for Thermally Protected Motors

UL 310, Standard for Electrical Quick-Connect Terminals

UL 486A, Standard for Wire Connectors and Soldering Lugs for Use with Copper Conductors

UL 486B, Standard for Wire Connectors for Use with Aluminum Conductors

UL 969, Standard for Marking and Labeling Systems

10 Test Installation

10.1 Tests are to be conducted as described in 10.2 – 10.14. If the fireplace accessory is manufactured in more than one size (for example, to accommodate various sizes of fireplaces), tests are to be conducted on as many sizes as may be deemed necessary to determine compliance with these requirements.

10.2 The sample is to be installed in a test fixture having a 36 inch (914 mm) wide opening unless the installation instructions specify installation in a larger fireplace, in which case the sample is to be installed in a test fixture having a 48inch (1219~~22~~-mm) wide opening.

13 Radiant Fire Test

13.6 The integral or basket type grate is to be loaded to a depth of approximately 6 inches (152 mm) with charcoal briquettesa formed in the shape of a 2.0 by 1.9inch (50 by 48mm) square pillow having rounded edges and a maximum thickness of 1.2 inches (30 mm). The briquettes shall have a count weight of 17/1 lbm (17/0.45 kg), a heat content (dry basis) of 11,500 Btu / lbm (26~~,~~7749~~50~~ MJ/kg), and a moisture content of 5 %.

20 Mounting of Electrical Components

20.4 The means for preventing rotation mentioned in 20.1 is to consist of more than friction between surfaces. A toothed lock washer that provides both spring take-up and an interference lock is acceptable as means for restraining ~~restaining~~ a small stem-mounted switch or other device having a single-hole mounting means from turning.