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CONTENTS

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Project Initiation Notification System (PINS)

ANSI Procedures require notification of ANSI by ANSI-accredited standards developers (ASD) of the initiation and scope of activities expected to result in new or revised American National Standards (ANS). Early notification of activity intended to reaffirm or withdraw an ANS and in some instances a PINS related to a national adoption is optional. The mechanism by which such notification is given is referred to as the PINS process. For additional information, see clause 2.4 of the ANSI Essential Requirements: Due Process Requirements for American National Standards.

Following is a list of proposed actions and new ANS that have been received recently from ASDs. Please also review the section in Standards Action entitled "American National Standards Maintained Under Continuous Maintenance" for additional or comparable information with regard to standards maintained under the continuous maintenance option. 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 affected interests wishing to receive more information or to submit comments are requested to contact the standards developer directly within 30 days of the publication of this announcement.

API (American Petroleum Institute)

200 Massachusetts Avenue NW, Washington, DC 20001 www.api.org
Contact: Roland Goodman; goodmanr@api.org

Revision

BSR/API Bulletin 100-3-202x, Community Engagement Guidelines (revision of ANSI/API Bulletin 100-3-2014)

Stakeholders: Oil and gas operators, state and local regulators, local communities near onshore operations.
Project Need: To standardize community engagement practices in the oil and gas industry by working together with stakeholders to seek mutually agreeable solutions.
Scope: These guidelines outline what local communities and other key stakeholders can expect from oil and gas operators. Both local stakeholders and operators can use this guidance. It is designed to acknowledge challenges and impacts that occur during the industry's presence in a given region. It provides flexible and adaptable strategies, recognizing that application will vary from operator to operator and community to community.

ASME (American Society of Mechanical Engineers)

Two Park Avenue, M/S 6-2B, New York, NY 10016-5990 www.asme.org
Contact: Terrell Henry; ansibox@asme.org

Revision

BSR/ASME Y14.41-202x, Digital Product Definition Data Practices (revision of ANSI/ASME Y14.41-2019)

Stakeholders: Designers and manufacturers (e.g., Aerospace, automotive, medical, department of defense, and heavy equipment industry).
Project Need: Digital manufacturing technology and processes are rapidly advancing. There is a need to provide digital product definition best practices and methodologies for addressing these new advancements.
Scope: This Standard establishes requirements applicable to the preparation and revision of digital product definition data. It defines exceptions and additional requirements for using digital product definition dataset(s) or drawing graphic sheet(s) in digital format.

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK77158-202x, New Practice for Supporting North American Waterways Identification and Synchronization (new standard)

Stakeholders: General Requirements industry.
Project Need: To harmonize U.S. waterways identification and naming conventions for federal, state, and commercial interests.
Scope: This Standard Practice is designed to promote clarification and consistency for the identification, representation, and naming conventions of waterways in the United States and its territories to improve synchronization and multipurpose application for all stakeholders. This document identifies and clarifies waterway representations that include types, hierarchical structure, configuration, geometric boundaries, defining attributes, and other descriptive characteristics. This Standard Practice is designed to support consistent representation and identification of waterways in the United States and its territories to support applications and data by leveraging currently available information, cross referencing where appropriate, then collaboratively establishing, defining, and identifying supplemental guidance to support both government services and industry interests.

CSA (CSA America Standards Inc.)

8501 E. Pleasant Valley Road, Cleveland, OH 44131 www.csagroup.org
Contact: David Zimmerman; ansi.contact@csagroup.org

Revision

BSR Z21.23-202x, Gas Appliance Thermostats (same as CSA 6.6) (revision of ANSI Z21.23-2010 (R2020))

Stakeholders: Manufacturers, certification bodies.
Project Need: This project is to harmonize ANSI Z21.23 with CSA 6.6 for Gas Appliance Thermostats.
Scope: This standard applies to newly produced gas appliance thermostats of the integral gas valve type having a maximum operating gas pressure of 1/2 psi (3.5 kPa) or electric type (see Part IV, Definitions), constructed entirely of new, unused parts and materials. This standard does not apply to an electric-type comfort heating thermostat (wall-mounted) for installation remote from an appliance.

IES (Illuminating Engineering Society)

120 Wall Street, Floor 17, New York, NY 10005 www.ies.org
Contact: Patricia McGillicuddy; pmcgillicuddy@ies.org

New Standard

BSR/IES CR-X (Flicker)-202x, Committee Report: Quantification and Specification of Flicker (new standard)

Stakeholders: Lighting practitioners, electrical engineers, architects, interior designers, related people in the built environment areas, regulatory/code, luminaire manufacturers and trades, testing labs, and optical and vision experts.
Project Need: To catalog existing flicker metrics and research, note specific applications and potential limitations, identify where new research is needed, and provide a roadmap for a recommended method(s) and associated specification criteria.
Scope: With the publication of ANSI/IES LM-90-20, there is now a standardized method for measuring TLM. However, the physiological mechanism whereby TLM becomes visible or triggers a neurological response is still not fully understood, and the IES has not established safe ranges of TLM for different types of responses or types of applications.

ISA (International Society of Automation)

67 Alexander Drive, Research Triangle Park, NC 27709 www.isa.org
Contact: Charley Robinson; crobinson@isa.org

New Standard

BSR/ISA 96.09.01-202x, Guidelines for the Specification of Mounting Hardware for Quarter Turn Valve Actuators (new standard)

Stakeholders: Manufacturers and users of quarter-turn valve actuators.
Project Need: To provide a guide to assist manufacturers and users in specifying of mounting hardware for quarter-turn valve actuators.
Scope: The purpose of this document is to specify design requirements and basic quality protocol for interface hardware and adapters of quarter-turn actuators and valves.

NEMA (ASC C8) (National Electrical Manufacturers Association)

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

New Standard

BSR NEMA WC 10100/ICEA S-129-755-202x, Standard for High Temperature Instrumentation and Control Cables for the Transmission and Distribution of Low Voltage Electrical Energy (new standard)

Stakeholders: Wires and cables manufacturers, utility companies.
Project Need: Introduce new product requirements.
Scope: This Standards Publication covers general requirements and testing procedures for a series of multiple-conductor high-temperature instrumentation and control cables for use in ducts, conduit, and trays.

NEMA (ASC C8) (National Electrical Manufacturers Association)

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

Revision

BSR NEMA WC 57/ICEA S-73-532-202x, Standard for Control, Thermocouple, Extension and Instrumentation Cable (revision of ANSI/NEMA WC 57/ICEA S-73-532-2014)

Stakeholders: Wires and cables manufacturers, utility companies.
Project Need: Introduce new product requirements.
Scope: This standard applies to materials, construction, and testing of multiconductor control, thermocouple extension, and instrumentation cables rated up to and including 125 C. Control cables are multiconductor cables that convey electrical signals used for monitoring or controlling electrical power systems and their associated processes.

NENA (National Emergency Number Association)

1700 Diagonal Road, Suite 500, Alexandria, VA 22314 www.nena.org
Contact: Delaine Arnold; darnold@nena.org

New Standard

BSR/NENA STA-030.1-202x, NENA Standards for Non-Conventional Means of Communicating with E9-1-1 (new standard)

Stakeholders: Producers, users, general interest (specifically seeking application developers, API providers, ALI and dynamic ALI service providers, 9-1-1 network access providers, and PSAP staff).
Project Need: There is an increasing incidence of non-conventional means of communicating with E9-1-1 systems that introduce unexpected operational and technical issues. These methods are used when providers of modern technologies want to send data or communicate with public safety, but because E9-1-1 cannot initiate multimedia sessions or receive data over IP in a modern way, providers turn to clever implementations that use legacy E9-1-1 interfaces in unexpected ways.
Scope: Develop a standard that describes various types of non-traditional E9-1-1 calls, provides standards to third-party providers that implement these solutions and provides operational guidance to PSAPs.

NFPA (National Fire Protection Association)

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

New Standard

BSR/NFPA 1960-202x, Standard for Fire Hose Connections, Spray Nozzles, Manufacturers Design of Fire Department Ground Ladders, Fire Hose, and Powered Rescue Tools (new standard)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.
Project Need: Public interest and need.
Scope: This standard defines the performance and requirements for new fire hose couplings and adapters with nominal sizes from 3⁄4 in. (19 mm) through 8 in. (200 mm) and the specifications for the screw thread connections on those couplings and adapters. This standard specifies the requirements for new adjustable-pattern spray nozzles intended for general firefighting use; for marine and offshore platform firefighting use; for use with fire hoses affixed to standpipe systems; and for fire hose appliances up to and including 6 in. (150 mm) nominal dimension designed for connection to fire hose, fire apparatus, and fire hydrants intended for general fire service use in controlling or conveying water. This standard also specifies the requirements for the design of fire department ground ladders and the design verification tests to be conducted by the ground ladder manufacturer; the design and construction requirements for new fire hose and the testing to verify the design and construction as well as the inspection and testing of all new fire hose; the minimum requirements for the design, performance, testing, and product conformance verification of powered rescue tools and components; the requirements for spreader, ram, cutter, and combination powered rescue tools; and the requirements for cable…

UL (Underwriters Laboratories)

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

Revision

BSR/UL 1254-202X, Standard for Pre-Engineered and Engineered Dry and Pre-Engineered Wet Chemical Extinguishing System Units (revision of ANSI/UL 1254-2020)

Stakeholders: Manufacturers, AHJ, and consumers of pre-engineered and engineered dry- and pre-engineered wet-chemical extinguishing system units.
Project Need: UL is proposing a revision of the current title and scope of ANSI/UL 1254.
Scope: These requirements cover the construction and operation of fixed pre-engineered and engineered dry-chemical fire-extinguishing system units and fixed automatic extinguisher units intended to be designed, installed, inspected, maintained, and tested in accordance with the Standard for Dry Chemical Extinguishing Systems, NFPA 17 and with the National Fire Code of Canada, as applicable; and fixed pre-engineered wet-chemical fire-extinguishing system units intended to be used in accordance with the Standard for Wet Chemical Extinguishing Systems, NFPA 17A; and with the National Fire Code of Canada, as applicable. Automatic extinguisher units do not have a manual means of operation and are intended to be used in accordance with the manufacturer's installation instructions. Automatic extinguisher units are not intended for use as a substitute for pre-engineered or engineered extinguishing system units, or for protection of fire risks larger than those specified in the manufacturer's instructions for a single unit by using multiple units. Pre-engineered or engineered dry-chemical extinguishing system units covered by these requirements are intended to be used in certain fire-protection systems.

UL (Underwriters Laboratories)

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

National Adoption

BSR/UL TS 60079-47-202X, Technical Specification Standard for Safety for Explosive Atmospheres - Part 47: Equipment Protection by 2-Wire Intrinsically Safe Ethernet Concept (2-WISE) (national adoption with modifications of IEC TS 60079-47)

Stakeholders: This technical specification standard will apply to a large cross-section of groups and individuals. These specific groups would include: USNC TAG to IEC/SC 31G; US Expert IEC/SC 31G PT 60079-47 and MT 60079-11, TG79G, and US Expert IEC/SC 31G PT 60079-47 and MT 60079-11.
Project Need: This product standard would be a US adoption of the standard developed by SC31G of the IEC. This standard would be used by manufacturers for product development and Nationally Recognized Test Laboratories (NRTL) for the evaluation of products. The international community under IEC/SC 31G has published IEC TS 600079 -47, Explosive atmospheres – Part 47: Equipment protection by 2-wire intrinsically safe Ethernet concept (2-WISE). This technical specification will provide for international “Ex i” certification of existing applications such as involving the physical layer specification for 2-Wire Ethernet 10BASE-T1L as defined in IEEE 802.3cg. In addition, it is already in the process of being adopted in Europe, and will likely be adopted by other countries, such as Canada. Without an ANSI adoption, such applications could not be used within the US, at least not with third-party certification.
Scope: This part of IEC 60079, which is a technical specification, specifies requirements for the construction, marking, and documenting of apparatus, systems, and installations for use with the 2-Wire Intrinsically Safe Ethernet concept (2-WISE), such as the physical layer specification for 2-Wire Ethernet 10BASE-T1L as defined in IEEE 802.3cg. 2-WISE is a concept for an advanced physical layer (APL), designed to simplify the examination process for intrinsic safety parameters of components and cabling within APL segments. This is achieved by defining universal intrinsic safety parameter limits for APL ports, according to the specific hazardous area requirements and listing a concise set of rules for the segment setup. The requirements for construction and installation of 2-WISE devices and systems are included in IEC 60079-11, IEC 60079-14, and IEC 60079-25, except as modified by this document. Parts of a 2-WISE device can be protected by any Type of Protection listed in IEC 60079-0 appropriate to the EPL for the intended hazardous area. In these circumstances, the requirements of this technical specification apply only to intrinsically safe circuits of the apparatus. Where a requirement of this document conflicts with a requirement of IEC 60079-0, IEC 60079-11, IEC 60079-14, or IEC 60079-25, the requirements of this document take precedence.

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: July 18, 2021

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

351 N. Williamson Boulevard, Daytona Beach, FL 32114 | e: Bixlerm@apcointl.org, w: www.apcoIntl.org

New Standard

BSR/APCO 1.120.1-202x, Crisis Intervention Techniques and Call Handling Procedures for Public Safety Telecommunicators (new standard)
This standard will identify training requirements for handling calls involving emotionally distressed individuals. The standard will include:
- Procedures for effectively recognizing and communicating with individuals in emotional or mental crisis;
- Resources that need to be available to the Telecommunicator handling the call:
- Processes for debriefing telecommunicators; and
- Continuous process improvement.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: apcostandards@apcointl.org

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

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

Addenda

BSR/ASHRAE Addendum 62.2g-202x, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2019)
This proposed addendum deletes the reference to ASHRAE Guideline 24-2015, Ventilation and Indoor Air Quality in Low-Rise Residential Buildings, from Standard 62.2. Guideline 24-2015 was withdrawn by ASHRAE in October 2020.
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: July 18, 2021

NSF (NSF International)

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

Revision

BSR/NSF 7-202x (i25r1), Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2019)
This Standard contains requirements for refrigerators and freezers used to store and/or display cold food. The types of refrigerators and freezers covered by this Standard include, but are not limited to: storage refrigerators (e.g., reach-in, under counter, walk-in, roll-in); storage freezers (e.g., reach-in, under counter, walk-in, roll-in); rapid pull-down refrigerators and freezers; refrigerated food transport cabinets; refrigerated buffet units; refrigerated food preparation units; display refrigerators; beverage coolers; and ice cream cabinets.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Allan Rose; arose@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF 358-1-202x (i5r1), Polyethylene Pipe and Fittings for Water-Based Ground-Source Geothermal Heat Pump Systems (revision of ANSI/NSF 358-1-2020)
This Standard establishes the minimum physical and performance requirements for plastic piping system components. These criteria were established for the protection of property, public health, and the environment.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Jason Snider; jsnider@nsf.org

UL (Underwriters Laboratories)

171 Nepean Street, Suite 400, Ottawa, ON K2P 0B4 Canada | e: laura.werner@ul.org, w: https://ul.org/

Revision

BSR/UL 132-202x, Standard for Safety for Relief Valves for Anhydrous Ammonia and LP-Gas (revision of ANSI/UL 132-2020)
This Standard sets forth minimum requirements for safety valves, categorized as pressure relief valves, safety relief valves and hydrostatic relief valves for anhydrous ammonia and liquefied petroleum gas (LP-Gas) for use on tanks built in accordance with ASME Pressure Vessel Code, Section VIII, Division 1, or the Boiler, pressure vessel, and pressure piping code, CSA B51, in nonrefrigerated systems in facilities covered by the following standards: (a) In the United States: (1) Requirements for the Storage and Handling of Anhydrous Ammonia, (ANSI K61.1), ANSI/CGA G-2.1; (2) Liquefied Petroleum Gas Code, NFPA 58; and (3) Utility LP-Gas PlantCode, NFPA 59. (b) In Canada: (1) Natural gas and propane installation code, CSA B149.1; and (2) Provincial or other Regulations. These requirements do not apply to relief valves for use on cylinders constructed in accordance with Department of Transportation (DOT) specifications or to safety valves for use on tanks constructed in accordance with Canadian Transport Commission (CTC) Specifications. The suitability of an accessory in combination with a relief valve shall be judged under the applicable requirements of this standard and the Utility LP-Gas Plant Code, NFPA 59.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062-2096 | e: Amy.K.Walker@ul.org, w: https://ul.org/

Revision

BSR/UL 705-202x, Standard for Safety for Power Ventilators (revision of ANSI/UL 705-2019)
This proposal for UL 705 covers: (1) Updating the standard to include additional requirements for ventilators for heat and smoke control.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

Comment Deadline: July 18, 2021

UL (Underwriters Laboratories)

47173 Benicia Street, Fremont, CA 94538 | e: Linda.L.Phinney@ul.org, w: https://ul.org/

Revision

BSR/UL 758-202x, Standard for Safety for Appliance Wiring Material (revision of ANSI/UL 758-2021)
Addition of laser marking requirements, revised 50.1; Thickness of nylon coverings, revised Table 8.2.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

Comment Deadline: August 2, 2021

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | e: celliott@aami.org, w: www.aami.org

New Standard

BSR/AAMI CN27-202x, General requirements for Luer activated valves (LAVs) incorporated into medical devices for intravascular applications (new standard)
Covers Luer activated valves (LAVs) for intravascular applications, which open and permit access to the fluid conduit when a male Luer connector is inserted. This standard applies only to the valve end of LAVs. This standard applies to LAVs as stand-alone devices or as components of a medical device.
Single copy price: Free
Obtain an electronic copy from: celliott@aami.org
Send comments (copy psa@ansi.org) to: Colleen Elliott; celliott@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | e: celliott@aami.org, w: www.aami.org

Reaffirmation

BSR/AAMI/ISO 80369-6-2016 (R202x), Small-bore connectors for liquids and gases in healthcare applications - Part 6: Connectors for neuraxial applications (reaffirm a national adoption ANSI/AAMI/ISO 80369-6-2016)
Specifies requirements for small-bore connectors intended to be used for connections in neuraxial applications. Neuraxial applications involve the use of medical devices intended to administer medications to neuraxial sites, wound infiltration anaesthesia delivery, and other regional anaesthesia procedures or to monitor or remove cerebro-spinal fluid for therapeutic or diagnostic purposes.
Single copy price: Free
Obtain an electronic copy from: celliott@aami.org
Send comments (copy psa@ansi.org) to: Colleen Elliott; celliott@aami.org

ANS (American Nuclear Society)

555 North Kensington Avenue, La Grange Park, IL 60526 | e: kmurdoch@ans.org, w: www.ans.org

Reaffirmation

BSR/ANS 10.5-2006 (R202x), Accommodating User Needs in Scientific and Engineering Computer Software Development (reaffirmation of ANSI/ANS 10.5-2006 (R2016))
This standard presents criteria for accommodating user needs in the preparation of computer software for scientific and engineering applications.
Single copy price: $56.00
Obtain an electronic copy from: orders@ans.org
Order from: orders@ans.org
Send comments (copy psa@ansi.org) to: Patricia Schroeder; pschroeder@ans.org

Comment Deadline: August 2, 2021

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

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

New Standard

BSR/ASHRAE Standard 205-202x, Standard Representation of Performance Simulation Data for HVAC&R and Other Facility Equipment (new standard)
The purpose of ASHRAE Standard 205-202x is to facilitate automated sharing of equipment performance characteristics by defining data models and data serialization formats.
Single copy price: $35.00
Obtain an electronic copy from: http://www.ashrae.org/standards-research--technology/public-review-drafts
Order from: standards.section@ashrae.org
Send comments (copy psa@ansi.org) to: http://www.ashrae.org/standards-research--technology/public-review-drafts

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

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

Revision

BSR/ASHRAE Standard 113-202x, Method of Testing Room Air Diffusion (revision of ANSI/ASHRAE Standard 113-2013)
This revision of Standard 113-2013 defines a repeatable method of testing the steady-state air diffusion performance of an air distribution system in occupied zones of building spaces. This method is based on air velocity and air temperature distributions at specified heating or cooling loads and operating conditions.
Single copy price: $35.00
Obtain an electronic copy from: http://www.ashrae.org/standards-research--technology/public-review-drafts
Order from: standards.section@ashrae.org
Send comments (copy psa@ansi.org) to: http://www.ashrae.org/standards-research--technology/public-review-drafts

ASSP (ASC A10) (American Society of Safety Professionals)

520 N. Northwest Highway, Park Ridge, IL 60068 | e: TFisher@ASSP.org, w: www.assp.org

Revision

BSR/ASSP A10.12-202X, Safety Requirements for Excavation (revision and redesignation of ANSI/ASSE A10.12-1998 (R2016))
This standard applies to all open excavations made in the earth's surface that require worker and/or property protection.
Single copy price: $110.00
Obtain an electronic copy from: Tim Fisher at TFisher@ASSP.Org
Order from: Tim Fisher; tfisher@assp.org
Send comments (copy psa@ansi.org) to: Tim Fisher; tfisher@assp.org

ASSP (Safety) (American Society of Safety Professionals)

520 N. Northwest Highway, Park Ridge, IL 60068 | e: TFisher@ASSP.org, w: www.assp.org

National Adoption

BSR/ASSP/ISO 45003-202X, Occupational health and safety management - Psychological health and safety at work: Managing psychosocial risks - Guidelines (identical national adoption of ISO 45003-2021)
This document provides guidance with respect to managing psychosocial risk within an occupational health and safety (OH&S) management system based on ISO 45001, Occupational health and safety management systems - Requirements with guidance for use. It enables organizations to prevent work-related injury and ill health of their workers and other interested parties, and to promote well-being at work. It is applicable to organizations of all sizes and in all sectors, for the development, implementation, maintenance, and continual improvement of healthy and safe workplaces.
Single copy price: $125.00
Obtain an electronic copy from: Tim Fisher at TFisher@ASSP.Org
Order from: Tim Fisher; TFisher@ASSP.org
Send comments (copy psa@ansi.org) to: Tim Fisher; TFisher@ASSP.org

Comment Deadline: August 2, 2021

ASSP (Safety) (American Society of Safety Professionals)

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

Revision

BSR/ASSP Z9.5-202X, Laboratory Ventilation (revision and redesignation of ANSI/AIHA Z9.5-2010)
This standard applies to the ventilation in most laboratories and is written for all laboratory ventilation stakeholders. An emphasis is placed on those with legal responsibilities and liability for providing a safe laboratory. However, users/operators, industrial hygienists, other safety and environmental professionals will also find the standard written for their needs.
Single copy price: $110.00
Obtain an electronic copy from: LBauerschmidt@assp.org
Order from: Lauren Bauerschmidt; LBauerschmidt@assp.org
Send comments (copy psa@ansi.org) to: Lauren Bauerschmidt; LBauerschmidt@assp.org

ASSP (Safety) (American Society of Safety Professionals)

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

Revision

BSR/ASSP Z590.3-202x, Prevention through Design. Guidelines for Addressing Occupational Hazards and Risks in Design and Redesign Processes (revision and redesignation of ANSI/ASSP Z590.3-202x)
This standard provides guidance on including prevention through design concepts within an occupational safety and health management system. Through the application of these concepts, decisions pertaining to occupational hazards and risks can be incorporated into the process of design and redesign of work premises, tools, equipment, machinery, substances, and work processes including their construction, manufacture, use, maintenance, and ultimate disposal or reuse. This standard provides guidance for a life-cycle assessment and design model that balances environmental and occupational safety and health goals over the life span of a facility, process, or product.
Single copy price: $110.00
Obtain an electronic copy from: LBauerschmidt@assp.org
Order from: Lauren Bauerschmidt; LBauerschmidt@assp.org
Send comments (copy psa@ansi.org) to: Lauren Bauerschmidt; LBauerschmidt@assp.org

AWS (American Welding Society)

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

Addenda

BSR/AWS B2.1-1-234-202x-AMD1, Standard Welding Procedure Specification (SWPS) for 75% Argon Plus 25% Carbon Dioxide Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1, Group1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E7XT-X, in the As-Welded or PWHT Condition, Primarily Pipe Applications (addenda to ANSI/AWS B2.1-1-234 -2019)
This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through D1 -1/2 inch [38 mm], using 75% argon plus 25% carbon-dioxide-shielded flux-cored arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for groove and fillet welds. This SWPS was developed primarily for pipe applications.
Single copy price: $136.00
Obtain an electronic copy from: jrosario@aws.org
Order from: Jennifer Rosario; jrosario@aws.org
Send comments (copy psa@ansi.org) to: Andrew Davis; adavis@aws.org

Comment Deadline: August 2, 2021

AWS (American Welding Society)

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

Addenda

BSR/AWS B2.1-1-235-202x-AMD1, Standard Welding Procedure Specification (SWPS) for 98% Argon Plus 2% Oxygen Shielded Gas Metal Arc Welding (Spray Transfer Mode) of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1 -1/2 inch [38 mm] Thick, ER70S-3, in the As-Welded or PWHT Condition, Primarily Pipe Applications (addenda to ANSI/AWS B2.1-1-235-2019)
This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1 -1/2 inch [38 mm], using 98% argon plus 2% oxygen shielded gas metal arc welding (spray transfer mode). It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for groove and fillet welds. This SWPS was developed primarily for pipe applications.
Single copy price: $136.00
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Order from: Jennifer Rosario; jrosario@aws.org
Send comments (copy psa@ansi.org) to: Andrew Davis; adavis@aws.org

AWS (American Welding Society)

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

Reaffirmation

BSR/AWS B2.1-1/8-010-2015 (R202x), Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding of Carbon Steel (M-1/P-1) to Austenitic Stainless Steel (M-8/ P-8), 18 through 10 Gauge, in the As-Welded Condition, with or without Backing (reaffirmation of ANSI/AWS B2.1-1/8-010-2015)
This standard contains the essential welding variables for welding carbon steel to austenitic stainless steel in the thickness range of 18 through 10 gauge, using manual gas tungsten arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet welds and groove welds.
Single copy price: $136.00
Obtain an electronic copy from: jrosario@aws.org
Order from: Jennifer Rosario; jrosario@aws.org
Send comments (copy psa@ansi.org) to: Andrew Davis; adavis@aws.org

AWWA (American Water Works Association)

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

Reaffirmation

BSR/AWWA C517-2016 (R202x), Resilient-Seated Cast-Iron Eccentric Plug Valves (reaffirmation of ANSI/AWWA C517-2016)
This standard describes resilient-seated cast-iron eccentric plug valves, 3 - 72 in. (75 - 1,800 mm) in diameter, with flanged, grooved, or mechanical-joint ends, for water, wastewater, and reclaimed water systems having a pH range from 6 to 12 and a temperature range from 33 – 125 deg F (0.6 - 52 deg C). The minimum design pressure shall be 175 psig (1,208 kPa) for 3 - 12-in. (75 - 300-mm) sizes and 150 psig (1,034 kPa) for 14 - 72-in. (350 - 1,800-mm) sizes and a maximum full-open fluid velocity of 8 ft/sec (2.4 m/sec) based on nominal valve size.
Single copy price: Free
Obtain an electronic copy from: ETSsupport@awwa.org
Order from: Vicki David; vdavid@awwa.org
Send comments (copy psa@ansi.org) to: Paul Olson; polson@awwa.org

Comment Deadline: August 2, 2021

AWWA (American Water Works Association)

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

Revision

BSR/AWWA C654-202x, Disinfection of Wells (revision of ANSI/AWWA C654-2013)
This standard describes the procedures for disinfection, bacteriological testing, and contamination prevention of new and existing individual, private, and community wells for potable water service following construction, servicing, maintenance, or any other activity or event that might lead to contamination of the water. The chlorination procedures provided in this standard are for any well for potable water including the gravel or filter pack, screen, open-borehole intake (bedrock well), well casing, pump, and appurtenant piping and are presented in the sequence in which they generally would be implemented.
Single copy price: Free
Obtain an electronic copy from: ETSsupport@awwa.org
Order from: Vicki David; vdavid@awwa.org
Send comments (copy psa@ansi.org) to: Paul Olson; polson@awwa.org

AWWA (American Water Works Association)

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

Revision

BSR/AWWA E103-202x, Horizontal Centrifugal and Vertical Line-Shaft Pumps (revision of ANSI/AWWA E103-2015)
This standard describes minimum requirements for horizontal centrifugal pumps and for vertical line-shaft pumps for installation in wells, water treatment plants, water transmission systems, and water distribution systems.
Single copy price: Free
Obtain an electronic copy from: ETSsupport@awwa.org
Order from: Vicki David; vdavid@awwa.org
Send comments (copy psa@ansi.org) to: Paul Olson; polson@awwa.org

ECIA (Electronic Components Industry Association)

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

Revision

BSR/EIA 481-F-202x, 4 mm through 200 mm Embossed Carrier Taping and 8 mm and 12 mm Punched Carrier Taping of Surface Mount Components for Automatic Handling (revision and redesignation of ANSI/EIA 481-E-2015)
This Standard covers requirements for taping surface mount components. Complementary standards for specialized taping requirements are included in the addendum.
Single copy price: $98.00
Obtain an electronic copy from: www.global.ihs.com
Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com
Send comments (copy psa@ansi.org) to: Edward Mikoski; emikoski@ecianow.org; ldonohoe@ecianow.org

FCI (Fluid Controls Institute)

1300 Sumner Avenue, Cleveland, OH 44115 | e: fci@fluidcontrolsinstitute.org, w: www.fluidcontrolsinstitute.org

New Standard

BSR/FCI 19-2-202x, Standard for Installation of Type 2 Secondary Pressure Drainers (new standard)
The purpose of this standard is to help define the information required for proper installation of Type 2 Secondary Pressure Drainers (SPD) within systems utilizing steam for heat transfer. With an understanding of this criteria, it can be applied to these types of systems to provide effective and efficient condensate drainage. This is a necessary function of steam-using equipment to maintain consistent heat transfer.
Single copy price: Free
Obtain an electronic copy from: fci@fluidcontrolsinstitute.org
Send comments (copy psa@ansi.org) to: Leslie Schraff; fci@fluidcontrolsinstitute.org

Comment Deadline: August 2, 2021

HSI (Healthcare Standards Institute)

3004 Sea Pines Place, League City, TX 77573 | e: lwebster@ingenesis.com, w: www.hsi.health/

National Adoption

BSR/HSI/ISO 22956-202x, Healthcare organization management - American National Requirements for Patient-Centered Staffing (identical national adoption of ISO 29956)
It is imperative that healthcare systems move beyond traditional practices and explore innovative global patient-centered staffing models/methodologies to maximize patient safety and increase cost efficiencies. Patient-centeredness has emerged as an important national issue and was identified by the Institute of Medicine of the National Academies of Science as one of six attributes of healthcare quality along with safety, timeliness, effectiveness, efficiency, and equity. This standard will establish management practice and metrics that seek to improve healthcare providers' capacity to manage patient-centered staffing to ensure better patient outcomes. Through the development of select management standards related to patient-centered staffing in healthcare organization settings, process criteria can be developed to heighten awareness and strengthen new models of care across all service areas and settings. These processes include, for example: Decisions regarding healthcare workforce planning, resource allocation and management, and rationalization regarding the distribution. Project is limited to the development of comparable healthcare administration measures and analytics which will describe the performance and the outcomes of the management operations of healthcare entities. It will include descriptions of the metrics, their relevance to the stakeholders, and the methodology (algorithm) for calculating these measures.
Single copy price: $675.00 (non-members); $550.00 (w/paid membership)
Obtain an electronic copy from: lwebster@ingenesis.com
Send comments (copy psa@ansi.org) to: Lee Webster; lwebster@ingenesis.com

IES (Illuminating Engineering Society)

120 Wall Street, Floor 17, New York, NY 10005 | e: pmcgillicuddy@ies.org, w: www.ies.org

Revision

BSR/IES LM-80-202x, Approved Method: Measuring Maintenance of Light Output Characteristics of Solid-State Light Sources (revision of ANSI/IES LM-80-2017 (R2020))
This Approved Method describes the procedures by which solid-state light sources, such as LED packages, arrays, and modules; or laser diode packages, arrays, and modules may be tested for flux maintenance over time, including luminous flux, radiant flux, and photon flux maintenance. This document also provides methods for measurement of spectrum-dependent characteristic maintenance, including changes in chromaticity coordinates, peak wavelength, dominant wavelength, centroid wavelength, and spectral power distribution over time, when carried out under controlled environmental and operational conditions. For the purposes of this document, solid-state light sources include ultraviolet, visible, and infrared sources emitting optical radiation in the range of 200 nm to 2,000 nm.
Single copy price: $25.00
Obtain an electronic copy from: pmcgillicuddy@ies.org
Send comments (copy psa@ansi.org) to: Patricia McGillicuddy; pmcgillicuddy@ies.org

IES (Illuminating Engineering Society)

120 Wall Street, Floor 17, New York, NY 10005 | e: pmcgillicuddy@ies.org, w: www.ies.org

Revision

BSR/IES TM-21-202x, Technical Memorandum: Projecting Long-Term Lumen, Photon, and Radiant Flux Maintenance of LED Light Sources (revision of ANSI/IES TM-21-2019)
This document provides recommendations for projecting flux maintenance of LED light sources using data obtained when testing them per ANSI/IES LM-80. This method shall not be used to project lumen, photon, or radiant flux maintenance below 70%.
Single copy price: $25.00
Obtain an electronic copy from: pmcgillicuddy@ies.org
Send comments (copy psa@ansi.org) to: Patricia McGillicuddy; pmcgillicuddy@ies.org

Comment Deadline: August 2, 2021

INMM (ASC N15) (Institute of Nuclear Materials Management)

9800 S. Cass Avenue, Argonne, IL 60439 | e: b.srinivasan@science.doe.gov, w: www.inmm.org

New Standard

BSR N15.36-202x, Standard for Methods of Nuclear Material Control - Measurement Control Program - Nondestructive Assay (new standard)
"Measurement Control Program - Nondestructive Assay" is a new standard, but is based on an extensive revision of ANSI N15.36-2010, with updated definitions and greater detail on topics such as a measurement control program for nondestructive assay of nuclear material, review of measured results, method validation, system response variability, and background measurements. There is no intention to submit the standard for consideration as an ISO, IEC, or ISO/IEC standard.
Single copy price: Free draft
Obtain an electronic copy from: b.srinivasan@science.doe.gov
Send comments (copy psa@ansi.org) to: Balasubrahmanyam Srinivasan; b.srinivasan@science.doe.gov

ISEA (International Safety Equipment Association)

1901 North Moore Street, Suite 808, Arlington, VA 22209 | e: cfargo@safetyequipment.org, w: www.safetyequipment.org

Revision

BSR/ISEA Z308.1-202x, Minimum Requirements for Workplace First Aid Kits and Supplies (revision of ANSI/ISEA Z308.1 -2015)
This standard establishes minimum performance requirements for first aid kits and their supplies that are intended for use in various work environments. Classification of first aid kits, designating the assortment of items and quantity of each item is based the complexity of the work environment and level of hazards. First-aid-kit containers are classified by portability, ability to be mounted, resistance to water and corrosion, and impact resistance.
Single copy price: $40.00
Obtain an electronic copy from: https://safetyequipment.org/resources/shop/
Send comments (copy psa@ansi.org) to: standards@safetyequipment.org

KCMA (Kitchen Cabinet Manufacturers Association)

1899 Preston White Drive, Reston, VA 20191 | e: carnold@kcma.org , w: www.kcma.org

Revision

BSR/KCMA A161.1-202x, Performance and Construction Standard for Kitchen and Vanity Cabinets (revision of ANSI/KCMA A161.1-2017)
This standard covers factory-assembled kitchen and vanity cabinets. This is a performance and construction standard only. It is not intended to specify cabinet design (mechanics or appearance) or materials. This standard is intended to be used to evaluate and measure how well a factory-assembled cabinet can be expected to perform when properly installed in accordance with manufacturer's instructions, normally used, and maintained.
Single copy price: Free
Obtain an electronic copy from: carnold@kcma.org
Send comments (copy psa@ansi.org) to: Chuck Arnold; carnold@kcma.org

NEMA (ASC C8) (National Electrical Manufacturers Association)

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

Revision

BSR ICEA S-94-649-202x, Concentric Neutral Cables Rated 5 Through 46 kV (revision of ANSI/ICEA S-94-649-2013)
These standards apply to materials, constructions, and testing of crosslinked polyethylene, tree retardant crosslinked polyethylene and ethylene propylene rubber insulated single conductor or multiplexed concentric neutral cables rated 5 to 46 kV which are used for the transmission and distribution of electrical energy.
Single copy price: $100.00
Obtain an electronic copy from: KHALED.MASRI@NEMA.ORG
Order from: http://www.nema.org/Standards/About-Standards/Pages/How-to-Purchase-a-NEMA-Standard.aspx
Send comments (copy psa@ansi.org) to: Khaled Masri; Khaled.Masri@nema.org

Comment Deadline: August 2, 2021

NENA (National Emergency Number Association)

1700 Diagonal Road, Suite 500, Alexandria, VA 22314 | e: darnold@nena.org, w: www.nena.org

New Standard

BSR/NENA STA-024.1-202x, NENA Standard for the Conveyance of Emergency Incident Data Objects (EIDOs) between Next Generation (NG9-1-1) Systems and Applications (new standard)
Definition of the standard specification or information needed for an application developer to build the interface to receive and send Emergency Incident Data Objects (EIDOs) from their application to other vendor applications, enabling data exchange interoperability between i3-compliant PSAPs and their associated response agencies and other applications. This does not involve content or structure of the EIDO itself.
Single copy price: Free
Obtain an electronic copy from: download & comment at https://dev.nena.org/higherlogic/ws/public/document?document_id=23172&wg_id=39962138-43d1-4402-a475-6468db7effda
Order from: Delaine Arnold; darnold@nena.org
Send comments (copy psa@ansi.org) to: Delaine Arnold; darnold@nena.org

NSF (NSF International)

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

Revision

BSR/NSF 3-202x (i18r1), Commercial Warewashing Equipment (revision of ANSI/NSF 3-2019)
This Standard applies to commercial dishwashing; glasswashing; and pot, pan, and utensil washing machines that wash their contents by applying sprays of detergent solutions with or without blasting media granules, and sanitize their contents by applying sprays of hot water or chemical sanitizing solutions. Stationary rack and conveyor machines are covered under this Standard.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/59290/3i18r1%20et%20al%20-%20Normative%20Reference%20Update%20-%20JC%20Memo%20%26%20Ballot.pdf
Send comments (copy psa@ansi.org) to: Allan Rose; arose@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF 4-202x (i33r1), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2020)
Equipment covered by this Standard includes, but is not limited to, ranges, ovens, fat/oil fryers, fat/oil filters, griddles, tilting griddle skillets, broilers, steam and pressure cookers, kettles, rotisseries, toasters, coffee makers and other hot beverage makers, component water heating equipment, proofing boxes and cabinets, hot food holding equipment, rethermalization equipment, and hot food transport cabinets.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/59290/3i18r1%20et%20al%20-%20Normative%20Reference%20Update%20-%20JC%20Memo%20%26%20Ballot.pdf
Send comments (copy psa@ansi.org) to: Allan Rose; arose@nsf.org

Comment Deadline: August 2, 2021

NSF (NSF International)

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

Revision

BSR/NSF 5-202x (i11r1), Water Heaters, Hot Water Supply Boilers, and Heat Recovery Equipment (revision of ANSI/NSF 5 -2019)
This Standard contains requirements for heat recovery equipment and equipment intended to provide hot water heated by electricity, gas, steam, or oil. The types of equipment covered by this Standard include, but are not limited to: automatic storage water heaters, circulating water heaters, hot water supply boilers, and steam heat exchangers. Instantaneous water heaters used to heat water other than for beverages are covered under this Standard.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/59290/3i18r1%20et%20al%20-%20Normative%20Reference%20Update%20-%20JC%20Memo%20%26%20Ballot.pdf
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NSF (NSF International)

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Revision

BSR/NSF 6-202x (i20r1), Dispensing Freezers (revision of ANSI/NSF 6-2018)
This Standard contains requirements for the following equipment: dispensing freezers that process and freeze previously pasteurized product (e.g., soft ice cream, ice milk, yogurt, malts, custards) and dispense it directly into the consumer's container; dispensing freezers that dispense premanufactured frozen product (e.g., ice cream) directly into the consumer's container; and batch dispensing freezers. The materials, design, and construction requirements of this Standard may also apply to items that are manufactured as a component of a dispensing freezer.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/59290/3i18r1%20et%20al%20-%20Normative%20Reference%20Update%20-%20JC%20Memo%20%26%20Ballot.pdf
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NSF (NSF International)

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

Revision

BSR/NSF 7-202x (i26r1), Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2019)
This Standard contains requirements for refrigerators and freezers used to store and/or display cold food. The types of refrigerators and freezers covered by this Standard include, but are not limited to: storage refrigerators (e.g., reach-in, under counter, walk-in, roll-in); storage freezers (e.g., reach-in, under counter, walk-in, roll-in); rapid pull-down refrigerators and freezers; refrigerated food transport cabinets; refrigerated buffet units; refrigerated food preparation units; display refrigerators; beverage coolers; and ice cream cabinets.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/59290/3i18r1%20et%20al%20-%20Normative%20Reference%20Update%20-%20JC%20Memo%20%26%20Ballot.pdf
Send comments (copy psa@ansi.org) to: Allan Rose; arose@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF 8-202x (i20r1), Commercial Powered Food Preparation Equipment (revision of ANSI/NSF 8-2018)
Equipment covered by this Standard includes, but is not limited to, coffee grinders, grinders, mixers, pasta makers, peelers, saws, slicers, tenderizers, and similar equipment.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/59290/3i18r1%20et%20al%20-%20Normative%20Reference%20Update%20-%20JC%20Memo%20%26%20Ballot.pdf
Send comments (copy psa@ansi.org) to: Allan Rose; arose@nsf.org

Comment Deadline: August 2, 2021

NSF (NSF International)

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Revision

BSR/NSF 12-202x (i15r1), Automatic Ice Making Equipment (revision of ANSI/NSF 12-2018)
This Standard contains requirements for automatic ice-making equipment and devices used in the manufacturing, processing, storing, dispensing, packaging, and transportation of ice intended for human consumption.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/59290/3i18r1%20et%20al%20-%20Normative%20Reference%20Update%20-%20JC%20Memo%20%26%20Ballot.pdf
Send comments (copy psa@ansi.org) to: Allan Rose; arose@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF 13-202x (i8r1), Refuse Processors and Processing Systems (revision of ANSI/NSF 13-2020)
Equipment covered by this Standard includes but is not limited to pulpers, disposers, and compactors used for processing refuse generated from facilities that may generate food wastes. These refuse processors are not intended for compaction of hazardous or infectious material. Specifically excluded are refuse collection trucks and refuse processors intended for use at transfer stations and in industrial operations.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/59290/3i18r1%20et%20al%20-%20Normative%20Reference%20Update%20-%20JC%20Memo%20%26%20Ballot.pdf
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NSF (NSF International)

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

Revision

BSR/NSF 18-202x (i20r1), Manual Food and Beverage Dispensing Equipment (revision of ANSI/NSF 18-2020)
This Standard contains requirements for equipment and devices that manually dispense food or beverages, in bulk or in portions. The materials, design, and construction requirements of this Standard may also be applied to an item that is manufactured as a component of food- and beverage-dispensing equipment. This Standard does not apply to vending machines, dispensing freezers, or bulk milk dispensing equipment covered by the scope of other NSF Standards.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/59290/3i18r1%20et%20al%20-%20Normative%20Reference%20Update%20-%20JC%20Memo%20%26%20Ballot.pdf
Send comments (copy psa@ansi.org) to: Allan Rose; arose@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF 20-202x (i9r1), Commercial Bulk Milk Dispensing Equipment (revision of ANSI/NSF 20-2020)
This Standard contains requirements for bulk milk dispensers designed to dispense servings of milk or milk products by manual or machine actuation. This Standard does not apply to dispensing freezers (soft-serve machines), vending machines, or manual food- and beverage-dispensing equipment covered by the scope of other NSF standards. Commercial bulk milk and milk product dispensing equipment materials and components covered under other NSF or NSF/ANSI Standards or Criteria shall also comply with the requirements therein. This Standard is not intended to restrict new design, provided that such design meets the minimum specifications described in this standard.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/59290/3i18r1%20et%20al%20-%20Normative%20Reference%20Update%20-%20JC%20Memo%20%26%20Ballot.pdf
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Comment Deadline: August 2, 2021

NSF (NSF International)

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Revision

BSR/NSF 21-202x (i10r1), Thermoplastic Refuse Containers (revision of ANSI/NSF 21-2019)
This Standard contains sanitation requirements for new thermoplastic refuse containers intended for the indoor and outdoor storage of refuse.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/59290/3i18r1%20et%20al%20-%20Normative%20Reference%20Update%20-%20JC%20Memo%20%26%20Ballot.pdf
Send comments (copy psa@ansi.org) to: Allan Rose; arose@nsf.org

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Revision

BSR/NSF 25-202x (i20r1), Thermoplastic Refuse Containers (revision of ANSI/NSF 25-2017)
This Standard contains sanitation requirements for new thermoplastic refuse containers intended for the indoor and outdoor storage of refuse.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/59290/3i18r1%20et%20al%20-%20Normative%20Reference%20Update%20-%20JC%20Memo%20%26%20Ballot.pdf
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Revision

BSR/NSF 29-202x (i7r1), Detergent and Chemical Feeders for Commercial Spray-Type Dishwashing Machines (revision of ANSI/NSF 29-2017)
This Standard covers chemical sanitizing feeders, detergent feeders, drying agent feeders, and similar devices that automatically maintain the concentration of additives in the prewash, wash, pumped rinse, or final rinse of commercial spray-type dishwashing machines.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/59290/3i18r1%20et%20al%20-%20Normative%20Reference%20Update%20-%20JC%20Memo%20%26%20Ballot.pdf
Send comments (copy psa@ansi.org) to: Allan Rose; arose@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF 35-202x (i11r1), High Pressure Decorative Laminates for Surfacing Food Service Equipment (revision of ANSI/NSF 35-2020)
This Standard applies to HPDL for use as work and nonwork surfaces of food service equipment on which direct food contact during normal preparation or holding operations is not intended, expected, or reasonable. Applications of HPDL covered by this Standard include wait stations, service counters, and other counters when used in conjunction with cutting boards or other means of preventing direct food contact with the laminate. HPDL used on equipment for which other NSF or NSF/ANSI Standards or Criteria exist shall also comply with the applicable requirements therein. This Standard is not intended to restrict new product design, provided that such design meets the minimum specifications described in this standard.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/59290/3i18r1%20et%20al%20-%20Normative%20Reference%20Update%20-%20JC%20Memo%20%26%20Ballot.pdf
Send comments (copy psa@ansi.org) to: Allan Rose; arose@nsf.org

Comment Deadline: August 2, 2021

NSF (NSF International)

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

Revision

BSR/NSF 37-202x (i10r1), Air Curtain for Entranceways for Food and Food Service Establishments (revision of ANSI/NSF 37 -2020)
Equipment covered by this Standard includes, but is not limited to, air curtains for entranceways in food and food service establishments (e.g., service and customer entries, service windows, coolers, and cold storage entries). Housing, air moving equipment, air directional regulating devices, and other appurtenances to the air curtain are included.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/59290/3i18r1%20et%20al%20-%20Normative%20Reference%20Update%20-%20JC%20Memo%20%26%20Ballot.pdf
Send comments (copy psa@ansi.org) to: Allan Rose; arose@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF 51-202x (i25r1), Food Equipment Materials (revision of ANSI/NSF 51-2019)
This Standard is applicable to the materials and finishes used in the manufacture of food equipment (e.g., broiler, beverage dispenser, cutting board, stock pot). The Standard is also applicable to components such as tubing, sealants, gaskets, valves, and other items intended for various food equipment applications.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/59290/3i18r1%20et%20al%20-%20Normative%20Reference%20Update%20-%20JC%20Memo%20%26%20Ballot.pdf
Send comments (copy psa@ansi.org) to: Allan Rose; arose@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF 52-202x (i9r1), Supplemental Flooring (revision of ANSI/NSF 52-2020)
Supplemental flooring covered by this Standard includes, but is not limited to, supplemental flooring for use in food preparation, dry storage, and warewashing areas.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/59290/3i18r1%20et%20al%20-%20Normative%20Reference%20Update%20-%20JC%20Memo%20%26%20Ballot.pdf
Send comments (copy psa@ansi.org) to: Allan Rose; arose@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF 59-202x (i11r1), Mobile Food Carts (revision of ANSI/NSF 59-2020)
This Standard contains requirements for mobile food carts and their related components and materials. This Standard applies to mobile food carts intended for the preparation and service of food, as well those intended for service of prepackaged food only. This Standard does not apply to food catering trucks or other motor-vehicle-mounted food service equipment. The requirements in this Standard do not apply to umbrellas, awnings, and similar overhead accessories installed on mobile food carts.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/59290/3i18r1%20et%20al%20-%20Normative%20Reference%20Update%20-%20JC%20Memo%20%26%20Ballot.pdf
Send comments (copy psa@ansi.org) to: Allan Rose; arose@nsf.org

Comment Deadline: August 2, 2021

NSF (NSF International)

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

Revision

BSR/NSF 169-202x (i11r1), Special Purpose Food Equipment and Devices (revision of ANSI/NSF 169-2020)
Equipment covered by this Standard includes, but is not limited to, specialty equipment items or devices that have special, complex, or multiple functions such as refrigeration heating equipment, and refrigerated tumblers equipment. These are applicable provisions and additional specific requirements or exceptions as might be needed for proper evaluation of devices or equipment for which individual standards do not exist.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/59290/3i18r1%20et%20al%20-%20Normative%20Reference%20Update%20-%20JC%20Memo%20%26%20Ballot.pdf
Send comments (copy psa@ansi.org) to: Allan Rose; arose@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF 170-202x (i32r1), Glossary of Food Equipment Terminology (revision of ANSI/NSF 170-2019)
Definitions covered by this Standard consist of terminology related to food equipment, including terms describing equipment, materials, design, construction, and performance testing. This Standard includes common definitions of terms used throughout NSF Food Equipment and Sanitation Standards.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/59290/3i18r1%20et%20al%20-%20Normative%20Reference%20Update%20-%20JC%20Memo%20%26%20Ballot.pdf
Send comments (copy psa@ansi.org) to: Allan Rose; arose@nsf.org

PDA (Parenteral Drug Association)

Bethesda Towers, 4350 East-West Highway, Suite 600, Bethesda, MD 20814 | e: roberts@pda.org, w: www.pda.org

New Standard

BSR/PDA Standard 02-202x, Cryopreservation of Cells for Use in Cell Therapies, Gene Therapies, and Regenerative Medicine Manufacturing: An Introduction and Best Practices Approach on How to Prepare, Cryopreserve, and Recover Cells, Cell Lines, and Cell-Based Tissue Products (new standard)
This document is a current best practice standard and guide on how to establish suitable conditions for the cryopreservation and recovery of cells, cell lines, and cell-based products for use in cell and gene therapies and regenerative medicine manufacturing. This standard is intended to:
- Discuss considerations for cryopreservation;
- Address the challenges associated with maintaining the viable recovery and functionality of cell and gene therapy products; and
- Outline cryopreservation best practices for the manufacture of cell-based products.
Single copy price: Free
Obtain an electronic copy from: standards@pda.org
Order from: pda.org (website)
Send comments (copy psa@ansi.org) to: standards@pda.org

Comment Deadline: August 2, 2021

TIA (Telecommunications Industry Association)

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

Revision

BSR/TIA 4957.210-B-202x, TR-51 Multi-hop Sublayer Specification - Extension on Field Area Networks (revision and redesignation of ANSI/TIA 4957.210-A-2017)
This revision of the 4957 document would specify technical updates required as part of the Field Area Network (FAN) applications.
Single copy price: $116.00
Obtain an electronic copy from: TIA (standards-process@tiaonline.org)
Order from: TIA (standards-process@tiaonline.org)
Send comments (copy psa@ansi.org) to: standards-process@tiaonline.org

TNI (The NELAC Institute)

PO Box 2439, Weatherford, TX 76086 | e: robert.wyeth@nelac-institute.org, w: www.NELAC-Institute.org

Revision

BSR/TNI EL-V1M3-202x, Volume 1 - Management and Technical Requirements for Laboratories Performing Environmental Analysis Module 3: Quality Systems for Asbestos Analysis (revision and redesignation of ANSI/TNI EL-V3-2016)
The revision to EL-V1-M3 will encompass a reorganization of Module 3 by technology. All Standard comment forms and responses from all stages of the previous standards development activity, any comments previously placed on hold during the previous standards development, Standards Interpretation Requests (SIR) resolutions and any recommendations made by Asbestos Testing Expert Committee during standards development activity will be considered in finalizing the development of the revised Module 3. All responses to comments will be provided in written form and posted on the TNI website.
Single copy price: Free draft
Obtain an electronic copy from: robert.wyeth@nelac-institute.org
Order from: Robert Wyeth; robert.wyeth@nelac-institute.org
Send comments (copy psa@ansi.org) to: Robert Wyeth; robert.wyeth@nelac-institute.org

UL (Underwriters Laboratories)

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

Reaffirmation

BSR/UL 122701-2017 (R202x), Standard for Safety for Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process Fluids (reaffirmation of ANSI/UL 122701-2017)
This proposal for UL 122701 covers: Reaffirmation and continuance of the third edition of the Standard for Safety for Requirements for Process Sealing between Electrical Systems and Flammable or Combustible Process Fluids, UL 122701, as a standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: http://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: August 2, 2021

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | e: Julio.Morales@UL.org, w: https://ul.org/

Revision

BSR/UL 48-202x, Standard for Safety for Electric Signs (revision of ANSI/UL 48-2021)
This proposal for UL 48 covers: (1) Relaxation of section sign markings and (2) Components for use in LED signs and changing message signs.
Single copy price: Free
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UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | e: kelly.smoke@ul.org, w: https://ul.org/

Revision

BSR/UL 73-202x, Standard for Safety for Motor-Operated Appliances (revision of ANSI/UL 73-2020)
(1) Proposed revision to replace the references to the Standard for Power Conversion Equipment, UL 508C, with reference to the Standard for Adjustable Speed Electric Power Drive Systems, UL 61800-5-1.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
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UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | e: kelly.smoke@ul.org, w: https://ul.org/

Revision

BSR/UL 430-202x, Standard for Safety for Waste Disposers (revision of ANSI/UL 430-2018)
(1) Proposed revision to replace the references to the Standard for Power Conversion Equipment, UL 508C, with reference to the Standard for Adjustable Speed Electric Power Drive Systems, UL 61800-5-1.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: http://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

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12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | e: Julio.Morales@UL.org, w: https://ul.org/

Revision

BSR/UL 879-202x, Standard for Safety for Sign Components (revision of ANSI/UL 879-2009 (R2019))
This proposal for UL 879 covers: (1) Components for use in LED signs and changing message signs, (2) Reference to generic RTI in UL 746B, and (3) Editorial revisions.
Single copy price: Free
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Comment Deadline: August 2, 2021

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | e: patricia.a.sena@ul.org, w: https://ul.org/

Revision

BSR/UL 1008-202X, Standard for Safety for Transfer Switch Equipment (revision of ANSI/UL 1008-2018)
(1) Proposed ninth edition of the Standard for Transfer Switch Equipment, UL 1008, including the following revisions: (a) Marking requirements; (b) Scope of Annex J; (c) Miscellaneous updates; (d) Table 2; (e) Revised LSI circuit breaker markings in Annex I; (f) Proposed new Annex K for arc resistant design; (g) Proposed new Annex L for electromagnetic compatibility; (h) Proposed Annex M for cord-connected transfer switch equipment; i) Revised marking/instruction for short-circuit withstand rating when protected by fuses; (j) Revision of requirements for transfer switches with integral inlets; (k) Table 25; (l) Proposed changes to align with the 2020 NEC; (m) Proposed revisions for inlets rated 100A and greater for compliance with the 2020 NEC; (n) Proposed new Annex N for combination meter/transfer equipment assemblies.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
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UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | e: kelly.smoke@ul.org, w: https://ul.org/

Revision

BSR/UL 1240-202x, Standard for Safety for Electric Commercial Clothes-Drying Equipment (revision of ANSI/UL 1240-2019)
(1) Proposed revision to replace the references to the Standard for Power Conversion Equipment, UL 508C, with reference to the Standard for Adjustable Speed Electric Power Drive Systems, UL 61800-5-1.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
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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

VC (ASC Z80) (The Vision Council)

225 Reinekers Lane, Suite 700, Alexandria, VA 22314 | e: ascz80@thevisioncouncil.org, w: www.z80asc.com

Reaffirmation

BSR Z80.18-2016 (R202x), Ophthalmics - Contact Lens Care Products - Vocabulary, Performance Specifications, and Test Methodology (reaffirmation of ANSI Z80.18-2016)
This standard applies to contact lens care products (CLCP) which are marketed for use with hard (PMMA), rigid gas permeable (RGP), enhanced oxygen-permeable materials, and soft hydrophilic contact lenses. These products are intended for use in the care of contact lenses: e.g., rinsing, storing, disinfection, conditioning, neutralization, cleaning, hydration, and/or for alleviating discomfort of lens wear and improving lens tolerance by physical means.
Single copy price: $75.00
Obtain an electronic copy from: https://www.z80asc.com/ or email: ascz80@thevisioncouncil.org
Order from: Michele Stolberg; ascz80@thevisioncouncil.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: August 2, 2021

VC (ASC Z80) (The Vision Council)

225 Reinekers Lane, Suite 700, Alexandria, VA 22314 | e: ascz80@thevisioncouncil.org, w: www.z80asc.com

Reaffirmation

BSR Z80.20-2016 (R202x), Ophthalmics - Contact Lenses - Standard Terminology, Tolerances, Measurements and Physicochemical Properties (reaffirmation of ANSI Z80.20-2016)
This standard applies to contact lenses worn over the front surface of the eye in contact with the preocular tear film. The standard covers rigid intracorneal and haptic (scleral) contact lenses, as well as soft paralimbal contact lenses. Table 1 provides a high-level list of materials used for both rigid and soft contact lenses.
Single copy price: $105.00
Obtain an electronic copy from: https://www.z80asc.com/ or email: ascz80@thevisioncouncil.org
Order from: Michele Stolberg; ascz80@thevisioncouncil.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: August 17, 2021

EMAP (Emergency Management Accreditation Program)

201 Park Washington Court, Falls Church, VA 22046-4527 | e: nishmael@emap.org, w: www.emap.org

New Standard

BSR/EMAP EM OPS 1-202x, Emergency Management Operational Standard (new standard)
The Standard will outline programmatic areas with Standards underneath that outline the necessary operational components of a comprehensive emergency management and homeland security program. The Standards will include phases of emergency management to include prevention, preparedness, response and recovery activities. The programmatic areas will include such things as Administration and Finance, Prevention, Activation, Response, and Demobilization. The Standard will not be considered an ISO, IEC, or ISO/IEC JTC-1 Standard.
Single copy price: Free
Obtain an electronic copy from: www.emap.org
Order from: Nicole Ishmael; nishmael@emap.org
Send comments (copy psa@ansi.org) to: Same

EMAP (Emergency Management Accreditation Program)

201 Park Washington Court, Falls Church, VA 22046-4527 | e: nishmael@emap.org, w: www.emap.org

New Standard

BSR/EMAP US&R OPS 1-202x, Urban Search & Rescue Operational Standard (new standard)
The Standard will outline resource areas with Standards underneath that outline the necessary operational components of a comprehensive urban search and rescue team. The Standards will include criteria for mobilization, transportation of personnel and cache, establishing a base of operations, capabilities demonstration, on-site operations, search operations, and rescue operations in a contaminated environment, medical, communications, task force leader management, planning, logistics, and demobilization. The Standard will not be considered an ISO, IEC, or ISO/IEC JTC-1 Standard.
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Obtain an electronic copy from: www.emap.org
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Comment Deadline: August 17, 2021

EMAP (Emergency Management Accreditation Program)

201 Park Washington Court, Falls Church, VA 22046-4527 | e: nishmael@emap.org, w: www.emap.org

Revision

BSR/EMAP EMS 5-202x, Emergency Management Standard (revision of ANSI/EMAP EMS 5-2019)
The Standard will outline programmatic areas with Standards underneath that outline the necessary components of a comprehensive emergency management and homeland security program. The Standards will include all phases of emergency management to include prevention, preparedness, mitigation, response, and recovery activities. The programmatic areas will include such things as Program Management, Hazard Identification and Risk Assessment, Hazard Mitigation, Prevention, Planning, Incident Management, Resource Management, Communications, Facilities, Training and Exercise, and Emergency Public Information and Education. The Standard will not be considered an ISO, IEC, or ISO/IEC JTC -1 Standard.
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Send comments (copy psa@ansi.org) to: Same

EMAP (Emergency Management Accreditation Program)

201 Park Washington Court, Falls Church, VA 22046-4527 | e: nishmael@emap.org, w: www.emap.org

Revision

BSR/EMAP US&R 2-202x, Urban Search & Rescue Standard (revision of ANSI/EMAP US&R 2-2019)
The Standard will outline resource areas with Standards underneath that outline the necessary components of a comprehensive urban search and rescue team. The Standards will include criteria for administration, operational, and logistics readiness activities. The resource areas will include Program Management, Finance, Planning and Procedures, Incident Management, Alert and Mobilization, Training and Exercises, and Resource Management and Logistics. The Standard will not be considered an ISO, IEC, or ISO/IEC JTC-1 Standard.
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UL (Underwriters Laboratories)

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

Revision

BSR/UL 1384-202X, Standard for Water-Based Automatic Extinguisher Units (revision of ANSI/UL 1384-2017)
UL proposes a revision to the salt spray applicability of UL 1384.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: http://www.shopulstandards.com
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12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | e: Nicolette.A.Weeks@ul.org, w: https://ul.org/

Revision

BSR/UL 2127-202X, Standard for Inert Gas Clean Agent Extinguishing System Units (revision of ANSI/UL 2127-2020)
UL proposes an update to the electronic documentation for fire suppression standards, salt spray applicability, flammability of externally exposed parts, and the nameplate abrasion testing of UL 2127.
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Comment Deadline: August 17, 2021

UL (Underwriters Laboratories)

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

Revision

BSR/UL 2166-202X, Standard for Halocarbon Clean Agent Extinguishing System Units (revision of ANSI/UL 2166-2021)
UL proposes an update to the electronic documentation for fire suppression standards, elastomeric part test, salt spray applicability, and the flammability of externally exposed parts of UL 2166.
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UL (Underwriters Laboratories)

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

Revision

BSR/UL 2775-202X, Standard for Fixed Condensed Aerosol Extinguishing System Units (revision of ANSI/UL 2775-2020)
UL proposes a revision to the salt spray applicability of UL 2775.
Single copy price: Free
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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:

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | e: d.ringle@ieee.org, w: www.ieee.org

ANSI/IEEE 802.11p-2010, LAN/MAN - Specific Requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications - Amendment 6: Wireless Access in Vehicular Environments

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:

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | e: d.ringle@ieee.org, w: www.ieee.org

ANSI/IEEE 802.11z-2010, Standard for Information Technology - Telecommunications and Information Exchange Between Systems - Local and Metropolitan Area Networks - Specific Requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications - Amendment 7: Extensions to Direct Link Setup (DLS)

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:

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | e: d.ringle@ieee.org, w: www.ieee.org

ANSI/IEEE 802.16h-2010, Standard for Local and Metropolitan Area Networks - Part 16: Air Interface for Fixed Broadband Wireless Access Systems - Improved Coexistence Mechanisms for License-Exempt Operation Amendment

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:

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | e: d.ringle@ieee.org, w: www.ieee.org

ANSI/IEEE 802.16.2-2004 (R2010), Recommended Practice for Local and Metropolitan Area Networks - Coexistence of Fixed Broadband Wireless Access Systems

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.

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | e: d.ringle@ieee.org, w: www.ieee.org

ANSI/IEEE 802.11u-2011, Standard for Information Technology - Telecommunications and Information Exchange Between Systems - Local and Metropolitan Networks - Specific Requirements - Part II: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications - Amendment: IEEE 802.11 Interworking with External Networks

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | e: d.ringle@ieee.org, w: www.ieee.org

ANSI/IEEE 802.11v-2011, Standard for Information Technology - Telecommunications and Information Exchange Between Systems - Local and Metropolitan Networks - Specific Requirements - Part II: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications - Amendment: IEEE 802.11 Wireless Network Management

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | e: d.ringle@ieee.org, w: www.ieee.org

ANSI/IEEE 802.11-2016, Standard for Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | e: d.ringle@ieee.org, w: www.ieee.org

ANSI/IEEE 802.16m-2011, Standard for Local and Metropolitan Area Networks - Part 16: Air Interface for Fixed and Mobile Broadband Wireless Access Systems - Advanced Air Interface

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | e: d.ringle@ieee.org, w: www.ieee.org

ANSI/IEEE 802.16n-2013, Standard for Air Interface for Broadband Wireless Access Systems - Amendment 2: Higher Reliability Networks

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | e: d.ringle@ieee.org, w: www.ieee.org

ANSI/IEEE 802.16q-2015, Standard for Air Interface for Broadband Wireless Access Systems - Amendment 3: Multi-tier Networks

Withdrawal of an ANS by ANSI-Accredited Standards Developer

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | e: d.ringle@ieee.org, w: www.ieee.org

ANSI/IEEE 802.16.1a-2013, Standard for Wireless MAN-Advanced Air Interface for Broadband Wireless Access Systems - Amendment 2: Higher Reliability Networks

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | e: d.ringle@ieee.org, w: www.ieee.org

ANSI/IEEE 1901-2010, Standard for Broadband over Power Line Networks: Medium Access Control and Physical Layer Specifications

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.

AISC (American Institute of Steel Construction)

130 E Randolph Street, Suite 2000, Chicago, IL 60601-6204 | e: duncan@aisc.org, w: www.aisc.org

New Standard

ANSI/AISC 370-2021, Specification for Structural Stainless Steel Buildings (new standard) Final Action Date: 6/11/2021

ASA (ASC S1) (Acoustical Society of America)

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

National Adoption

ANSI/ASA S1.15, Part 1-2021/IEC 61094-1-2000, Electroacoustics - Measurement microphones - Part 1: Specifications for laboratory standard microphones (identical national adoption of IEC 61094-1:2000) Final Action Date: 6/8/2021

National Adoption

ANSI/ASA S1.15, Part 2-2021/IEC 61094-2-2009, Electroacoustics - Measurement microphones - Part 2: Primary method for pressure calibration of laboratory standard microphones by the reciprocity technique (identical national adoption of IEC 61094-2:2009 and revision of ANSI/ASA S1.15-2005/Part 2 (R2020)) Final Action Date: 6/8/2021

ASME (American Society of Mechanical Engineers)

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

Revision

ANSI/ASME B107.300-2021, Torque Instruments (revision of ANSI/ASME B107.300-2010 (R2016)) Final Action Date: 6/10/2021

CSA (CSA America Standards Inc.)

8501 E. Pleasant Valley Road, Cleveland, OH 44131 | e: ansi.contact@csagroup.org, w: www.csagroup.org

Addenda

ANSI/NGV 4.6a-2021, Manually operated valves for natural gas dispensing systems (addenda to ANSI/CSA NGV 4.6 -2020) Final Action Date: 6/10/2021

HL7 (Health Level Seven)

3300 Washtenaw Avenue, Suite 227, Ann Arbor, MI 48104 | e: Karenvan@HL7.org, w: www.hl7.org

New Standard

ANSI/HL7 PSIM, R1-2021, HL7 Privacy and Security Logical Data Model, Release 1 (new standard) Final Action Date: 6/10/2021

NEMA (ASC C12) (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 | e: orrpaul@aol.com, w: www.nema.org

Reaffirmation

ANSI C12.8-1981 (R2021), Test Blocks and Cabinets for Installation of Self-Contained A Base Watthour Meters (reaffirmation of ANSI C12.8-1981 (R2011)) Final Action Date: 6/8/2021

NFPA (National Fire Protection Association)

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

New Standard

ANSI/NFPA 1140-2022, Standards for Wildland Firefighting (new standard) Final Action Date: 6/11/2021

Revision

ANSI/NFPA 1000-2022, Standard for Fire Service Professional Qualifications Accreditation and Certification Systems (revision of ANSI/NFPA 1000-2017) Final Action Date: 6/11/2021

Revision

ANSI/NFPA 1033-2022, Standard for Professional Qualifications for Fire Investigator (revision of ANSI/NFPA 1033 -2014) Final Action Date: 6/11/2021

Revision

ANSI/NFPA 1142-2022, Standard on Water Supplies for Suburban and Rural Fire Fighting (revision of ANSI/NFPA 1142-2017) Final Action Date: 6/11/2021

NISO (National Information Standards Organization)

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

Revision

ANSI/NISO Z39.96-2021, JATS: Journal Article Tag Suite (1.3) (revision of ANSI/NISO Z39.96-2019) Final Action Date: 6/10/2021

NSF (NSF International)

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

Revision

ANSI/NSF 50-2021 (i174r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF 50-2020) Final Action Date: 6/8/2021

OIX (Open-IX Association)

340 South Lemon Avenue #7988, Walnut, CA 91789 | e: finance@open-ix.org, w: http://www.open-ix.org

New Standard

ANSI/OIX 3-2021, Edge Technical Standard (new standard) Final Action Date: 6/10/2021

TIA (Telecommunications Industry Association)

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

Addenda

ANSI/TIA 5048-1-2021, Automated infrastructure management (AIM) systems Requirements, data exchange and applications, Addendum 1: Adoption of ISO/IEC 18598 AMD1 ED1 (addenda to ANSI/TIA 5048-2017) Final Action Date: 6/11/2021

UL (Underwriters Laboratories)

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

National Adoption

ANSI/UL 80079-36-2021, Standard for Safety for Explosive Atmospheres - Part 36: Non-Electrical Equipment for Explosive Atmospheres - Basic Method and Requirements (national adoption with modifications of ISO/IEC 80079 -36) Final Action Date: 6/2/2021

UL (Underwriters Laboratories)

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

National Adoption
ANSI/UL 80079-37-2021, Safety for Explosive Atmospheres - Part 37: Non-Electrical Equipment for Explosive Atmospheres - Non Electrical Type of Protection Constructional Safety c, Control of Ignition Source b Liquid Immersion k (national adoption with modifications of ISO/IEC 80079-37) Final Action Date: 6/2/2021

Reaffirmation
ANSI/UL 2518-2016 (R2021), Standard for Air Dispersion Systems (reaffirmation of ANSI/UL 2518-2016) Final Action Date: 6/8/2021

Reaffirmation
ANSI/UL 60079-7-2017 (R2021), Standard for Safety for Explosive Atmospheres - Part 7: Equipment Protection by Increased Safety e (reaffirm a national adoption ANSI/UL 60079-7-2017) Final Action Date: 6/3/2021

Reaffirmation
ANSI/UL 61131-2-2008 (R2021), Standard for Safety for Programmable Controllers - Part 2: Equipment Requirements and Tests (reaffirmation of ANSI/UL 61131-2-2008 (R2017)) Final Action Date: 6/10/2021

Revision
ANSI/UL 355-2021, Standard for Safety for Cord Reels (revision of ANSI/UL 355-2011 (R2020)) Final Action Date: 6/10/2021

Revision
ANSI/UL 810B-2021, Standard for Safety for DC Power Capacitors (revision of ANSI/UL 810B-2016) Final Action Date: 6/10/2021

Call for Members (ANS Consensus Bodies)

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

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | e: celliott@aami.org, w: www.aami.org
Colleen Elliott; celliott@aami.org

BSR/AAMI CN27-202x, General requirements for Luer activated valves (LAVs) incorporated into medical devices for intravascular applications (new standard)

BSR/AAMI/ISO 80369-6-2016 (R202x), Small-bore connectors for liquids and gases in healthcare applications - Part 6: Connectors for neuraxial applications (reaffirm a national adoption ANSI/AAMI/ISO 80369-6-2016)

API (American Petroleum Institute)

200 Massachusetts Avenue NW, Washington, DC 20001 | e: goodmanr@api.org, w: www.api.org
Roland Goodman; goodmanr@api.org

BSR/API Bulletin 100-3-202x, Community Engagement Guidelines (revision of ANSI/API Bulletin 100-3 -2014)

ASSP (ASC A10) (American Society of Safety Professionals)

520 N. Northwest Highway, Park Ridge, IL 60068 | e: TFisher@ASSP.org, w: www.assp.org
Tim Fisher; TFisher@ASSP.org

BSR/ASSP A10.12-202X, Safety Requirements for Excavation (revision and redesignation of ANSI/ASSE A10.12-1998 (R2016))

ASSP (Safety) (American Society of Safety Professionals)

520 N. Northwest Highway, Park Ridge, IL 60068 | e: TFisher@ASSP.org, w: www.assp.org
Tim Fisher; TFisher@ASSP.org

BSR/ASSP/ISO 45003-202X, Occupational health and safety management Psychological health and safety at work: managing psychosocial risks Guidelines (identical national adoption of ISO 45003-2021)

ECIA (Electronic Components Industry Association)

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

BSR/EIA 481-F-202x, 4 mm through 200 mm Embossed Carrier Taping and 8 mm and 12 mm Punched Carrier Taping of Surface Mount Components for Automatic Handling (revision and redesignation of ANSI/EIA 481-E-2015)

EMAP (Emergency Management Accreditation Program)

201 Park Washington Court, Falls Church, VA 22046-4527 | e: nishmael@emap.org, w: www.emap.org
Nicole Ishmael; nishmael@emap.org

BSR/EMAP EMS 5-202x, Emergency Management Standard (revision of ANSI/EMAP EMS 5-2019)

BSR/EMAP EM OPS 1-202x, Emergency Management Operational Standard (new standard)

BSR/EMAP US&R 2-202x, Urban Search & Rescue Standard (revision of ANSI/EMAP US&R 2-2019)

BSR/EMAP US&R OPS 1-202x, Urban Search & Rescue Operational Standard (new standard)

FCI (Fluid Controls Institute)

1300 Sumner Avenue, Cleveland, OH 44115 | e: fci@fluidcontrolsinstitute.org, w: www.fluidcontrolsinstitute.org
Leslie Schraff; fci@fluidcontrolsinstitute.org

BSR/FCI 19-2-202x, Standard for Installation of Type 2 Secondary Pressure Drainers (new standard)

IES (Illuminating Engineering Society)

120 Wall Street, Floor 17, New York, NY 10005 | e: pmcgillicuddy@ies.org, w: www.ies.org
Patricia McGillicuddy; pmcgillicuddy@ies.org

BSR/IES CR-X (Flicker)-202x, Committee Report: Quantification and Specification of Flicker (new standard)

BSR/IES LM-80-202x, Approved Method: Measuring Maintenance of Light Output Characteristics of Solid-State Light Sources (revision of ANSI/IES LM-80-2017 (R2020))

BSR/IES TM-21-202x, Technical Memorandum: Projecting Long-Term Lumen, Photon, and Radiant Flux Maintenance of LED Light Sources (revision of ANSI/IES TM-21-2019)

ISA (International Society of Automation)

67 Alexander Drive, Research Triangle Park, NC 27709 | e: crobinson@isa.org, w: www.isa.org
Charley Robinson; crobinson@isa.org

BSR/ISA 96.09.01-202x, Guidelines for the Specification of Mounting Hardware for Quarter Turn Valve Actuators (new standard)

ISEA (International Safety Equipment Association)

1901 North Moore Street, Suite 808, Arlington, VA 22209 | e: cfargo@safetyequipment.org, w: www.safetyequipment.org
Cristine Fargo; cfargo@safetyequipment.org

BSR/ISEA Z308.1-202x, Minimum Requirements for Workplace First Aid Kits and Supplies (revision of ANSI/ISEA Z308.1-2015)

NEMA (ASC C8) (National Electrical Manufacturers Association)

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

BSR ICEA S-94-649-202x, Concentric Neutral Cables Rated 5 through 46 kV (revision of ANSI/ICEA S-94-649-2013)

BSR NEMA WC 10100/ICEA S-129-755-202x, Standard for High Temperature Instrumentation and Control Cables for the Transmission and Distribution of Low Voltage Electrical Energy (new standard)

BSR NEMA WC 57/ICEA S-73-532-202x, Standard for Control, Thermocouple, Extension and Instrumentation Cable (revision of ANSI/NEMA WC 57/ICEA S-73-532-2014)

NENA (National Emergency Number Association)

1700 Diagonal Road, Suite 500, Alexandria, VA 22314 | e: darnold@nena.org, w: www.nena.org
Delaine Arnold; darnold@nena.org

BSR/NENA STA-030.1-202x, NENA Standards for Non-Conventional Means of Communicating with E9-1-1 (new standard)

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 | e: arose@nsf.org, w: www.nsf.org
Allan Rose; arose@nsf.org

BSR/NSF 3-202x (i18r1), Commercial Warewashing Equipment (revision of ANSI/NSF 3-2019)

BSR/NSF 4-202x (i33r1), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2020)

BSR/NSF 5-202x (i11r1), Water Heaters, Hot Water Supply Boilers, and Heat Recovery Equipment (revision of ANSI/NSF 5-2019)

BSR/NSF 6-202x (i20r1), Dispensing Freezers (revision of ANSI/NSF 6-2018)

BSR/NSF 7-202x (i25r1), Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2019)

BSR/NSF 7-202x (i26r1), Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2019)

BSR/NSF 8-202x (i20r1), Commercial Powered Food Preparation Equipment (revision of ANSI/NSF 8 -2018)

BSR/NSF 12-202x (i15r1), Automatic Ice Making Equipment (revision of ANSI/NSF 12-2018)

BSR/NSF 13-202x (i8r1), Refuse Processors and Processing Systems (revision of ANSI/NSF 13-2020)

BSR/NSF 18-202x (i20r1), Manual Food and Beverage Dispensing Equipment (revision of ANSI/NSF 18 -2020)

BSR/NSF 20-202x (i9r1), Commercial Bulk Milk Dispensing Equipment (revision of ANSI/NSF 20-2020)

BSR/NSF 21-202x (i10r1), Thermoplastic Refuse Containers (revision of ANSI/NSF 21-2019)

BSR/NSF 25-202x (i20r1), Thermoplastic Refuse Containers (revision of ANSI/NSF 25-2017)

BSR/NSF 29-202x (i7r1), Detergent and Chemical Feeders for Commercial Spray-Type Dishwashing Machines (revision of ANSI/NSF 29-2017)

BSR/NSF 35-202x (i11r1), High Pressure Decorative Laminates for Surfacing Food Service Equipment (revision of ANSI/NSF 35-2020)

BSR/NSF 37-202x (i10r1), Air Curtain for Entranceways for Food and Food Service Establishments (revision of ANSI/NSF 37-2020)

BSR/NSF 51-202x (i25r1), Food Equipment Materials (revision of ANSI/NSF 51-2019)

BSR/NSF 52-202x (i9r1), Supplemental Flooring (revision of ANSI/NSF 52-2020)

BSR/NSF 59-202x (i11r1), Mobile Food Carts (revision of ANSI/NSF 59-2020)

BSR/NSF 169-202x (i11r1), Special Purpose Food Equipment and Devices (revision of ANSI/NSF 169 -2020)

BSR/NSF 170-202x (i32r1), Glossary of Food Equipment Terminology (revision of ANSI/NSF 170-2019)

BSR/NSF 358-1-202x (i5r1), Polyethylene Pipe and Fittings for Water-Based Ground-Source Geothermal Heat Pump Systems (revision of ANSI/NSF 358-1-2020)

TIA (Telecommunications Industry Association)

1320 North Courthouse Road, Suite 200, Arlington, VA 22201-2598 | e: standards-process@tiaonline.org, w: www.tiaonline.org
Teesha Jenkins; standards-process@tiaonline.org

BSR/TIA 4957.210-B-202x, TR-51 Multi-hop Sublayer Specification - Extension on Field Area Networks (revision and redesignation of ANSI/TIA 4957.210-A-2017)

UL (Underwriters Laboratories)

47173 Benicia Street, Fremont, CA 94538 | e: Linda.L.Phinney@ul.org, w: https://ul.org/
Linda Phinney; Linda.L.Phinney@ul.org

BSR/UL 758-202x, Standard for Safety for Appliance Wiring Material (revision of ANSI/UL 758-2021)

Call for Members (ANS Consensus Bodies)

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 affected 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 categories:
• Service Providers
• Users
• Standards Development Organizations and Consortia
• Academic Institutions

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.

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.

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 - PINS, BSR8|108, BSR11, Technical Report: https://www.ansi.org/portal/psawebforms/
- Information about standards Incorporated by Reference (IBR): https://ibr.ansi.org/
- ANSI - Education and Training: www.standardslearn.org

If you have a question about the ANS process and cannot find the answer, please email us at: psa@ansi.org . Please also visit Standards Boost Business at www.standardsboostbusiness.org for resources about why standards matter, testimonials, case studies, FAQs and more.

If you are interested in purchasing an American National Standard, please visit https://webstore.ansi.org

American National Standards Under Continuous Maintenance

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

The standard shall be maintained by an accredited standards developer. A documented program for periodic publication of revisions shall be established by the standards developer. Processing of these revisions shall be in accordance with these procedures. The published standard shall include a clear statement of the intent to consider requests for change and information on the submittal of such requests. Procedures shall be established for timely, documented consensus action on each request for change and no portion of the standard shall be excluded from the revision process. In the event that no revisions are issued for a period of four years, action to reaffirm or withdraw the standard shall be taken in accordance with the procedures contained in the ANSI Essential Requirements.

The Executive Standards Council (ExSC) has determined that for standards maintained under the Continuous Maintenance option, separate PINS announcements are not required. The following ANSI Accredited Standards Developers have formally registered standards under the Continuous Maintenance option.

- AAMI (Association for the Advancement of Medical Instrumentation)
- AARST (American Association of Radon Scientists and Technologists)
- AGA (American Gas Association)
- AGSC (Auto Glass Safety Council)
- ASC X9 (Accredited Standards Committee X9, Incorporated)
- ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
- ASME (American Society of Mechanical Engineers)
- ASTM (ASTM International)
- GBI (Green Building Initiative)
- HL7 (Health Level Seven)
- IES (Illuminating Engineering Society)
- ITI (InterNational Committee for Information Technology Standards)
- MHI (Material Handling Industry)
- NAHBRC (NAHB Research Center, Inc.)
- NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)
- NCPDP (National Council for Prescription Drug Programs)
- NEMA (National Electrical Manufacturers Association)
- NISO (National Information Standards Organization)
- NSF (NSF International)
- PRCA (Professional Ropes Course Association)
- RESNET (Residential Energy Services Network, Inc.)
- SAE (SAE International)
- TCNA (Tile Council of North America)
- TIA (Telecommunications Industry Association)
- UL (Underwriters Laboratories)

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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HSI
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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

ADDITIVE MANUFACTURING (TC 261)

ISO/ASTM DIS 52920, Additive manufacturing - Qualification principles - Requirements for industrial additive manufacturing sites - 8/27/2021, $98.00

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO/FDIS 23722, Meat and meat products - Vocabulary - 11/12/2025, $40.00

AIR QUALITY (TC 146)

ISO/FDIS 24095, Workplace air - Guidance for the measurement of respirable crystalline silica - 11/9/2019, $112.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/FDIS 23020, Space systems - Determination of test methods to characterize material or component properties required for break-up models used for Earth re-entry - 11/12/2026, $67.00

ISO/DIS 23135, Space systems - Verification programme and management process - 8/27/2021, $93.00

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

ISO/DIS 80601-2-12, Medical electrical equipment - Part 2-12: Particular requirements for basic safety and essential performance of critical care ventilators - 8/27/2021, $185.00

APPLICATIONS OF STATISTICAL METHODS (TC 69)

ISO/DIS 3951-6, Sampling procedures for inspection by variables - Part 6: Specification for single sampling plans indexed by limiting quality (LQ) for isolated lot inspection for a single quality characteristic and a single LQ - 11/7/2010, $125.00

BAMBOO AND RATTAN (TC 296)

ISO/DIS 23067, Grading System for Rattan: Guidelines and Classification - 8/29/2021, $46.00

BUILDING CONSTRUCTION (TC 59)

ISO/DIS 4781, Building and civil engineering sealants - Determination of application life - 8/29/2021, $33.00

ISO/DIS 4784, Building and civil engineering sealants - Determination of surface cure time - 8/29/2021, $33.00

CARBON DIOXIDE CAPTURE, TRANSPORTATION, AND GEOLOGICAL STORAGE (TC 265)

ISO/FDIS 27919-2, Carbon dioxide capture - Part 2: Evaluation procedure to assure and maintain stable performance of post-combustion CO2 capture plant integrated with a power plant - 11/9/2026, $134.00

CLINICAL LABORATORY TESTING AND IN VITRO DIAGNOSTIC TEST SYSTEMS (TC 212)

ISO/DIS 21474-2, In vitro diagnostic medical devices - Multiplex molecular testing for nucleic acids - Part 2: Validation and verification - 11/7/2008, $62.00

CORROSION OF METALS AND ALLOYS (TC 156)

ISO/DIS 4215, Corrosion of metals and alloys - Test method for high-temperature corrosion testing of metallic materials by thermogravimetry under isothermal or cyclic conditions - 8/27/2021, $58.00

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

ISO/FDIS 10360-13, Geometrical product specifications (GPS) - Acceptance and reverification tests for coordinate measuring systems (CMS) - Part 13: Optical 3D CMS - 11/7/2027, $125.00

ELEVATING WORK PLATFORMS (TC 214)

ISO/FDIS 16653-2, Mobile elevating work platforms - Design, calculations, safety requirements and test methods relative to special features - Part 2: MEWPs with non-conductive (insulating) components - 11/11/2029, $77.00

ERGONOMICS (TC 159)

ISO/FDIS 23456-1, Dynamic signs in physical environments - Part 1: General requirements - 11/10/2010, $58.00

FERROUS METAL PIPES AND METALLIC FITTINGS (TC 5)

ISO/DIS 4370, Environmental life cycle assessment and recycling of ductile iron pipes for water applications - 8/27/2021, $71.00

FINE CERAMICS (TC 206)

ISO/DIS 24046, Fine ceramics (advanced ceramics, advanced technical ceramics) - Methods of tests for reinforcements - Determination of the tensile properties of resin-impregnated yarns - 8/28/2021, $67.00

GOVERNANCE OF ORGANIZATIONS (TC 309)

ISO/FDIS 37000, Governance of organizations - Guidance - 11/7/2009, $107.00

HEALTHCARE ORGANIZATION MANAGEMENT (TC 304)

ISO/DIS 5258, Pandemic response (respiratory) - Drive-through screening station - 11/7/2009, $58.00

INTERNAL COMBUSTION ENGINES (TC 70)

ISO/DIS 7967-6, Reciprocating internal combustion engines - Vocabulary of components and systems - Part 6: Lubricating systems - 11/7/2008, $67.00

ISO/DIS 8528-5, Reciprocating internal combustion engine driven alternating current generating sets - Part 5: Generating sets - 11/8/2007, $112.00

LABORATORY GLASSWARE AND RELATED APPARATUS (TC 48)

ISO/DIS 5215, Laboratory plastic ware - Volumetric flasks - 8/28/2021, $53.00

LIGHT METALS AND THEIR ALLOYS (TC 79)

ISO/DIS 6362-1, Wrought aluminium and aluminium alloys - Extruded rods/bars, tubes and profiles - Part 1: Technical conditions for inspection and delivery - 11/7/2008, $62.00

ISO/DIS 6362-2, Wrought aluminium and aluminium alloys - Extruded rods/bars, tubes and profiles - Part 2: Mechanical properties - 11/7/2008, $102.00

ISO/DIS 6362-3, Wrought aluminium and aluminium alloys - Extruded rods/bars, tubes and profiles - Part 3: Extruded rectangular bars - Tolerances on shape and dimensions - 11/7/2008, $46.00

ISO/DIS 6362-4, Wrought aluminium and aluminium alloys - Extruded rods/bars, tubes and profiles - Part 4: Profiles - Tolerances on shape and dimensions - 11/7/2008, $71.00

ISO/DIS 6362-5, Wrought aluminium and aluminium alloys - Extruded rods/bars, tubes and profiles - Part 5: Round, square and hexagonal bars - Tolerances on shape and dimensions - 11/7/2008, $40.00

ISO/DIS 6362-7, Wrought aluminium and aluminium alloys - Extruded rods/bars, tubes and profiles - Part 7: Chemical composition - 11/7/2008, $46.00

ISO/DIS 6363-1, Wrought aluminium and aluminium alloys - Cold-drawn rods/bars, tubes and wires - Part 1: Technical conditions for inspection and delivery - 11/7/2008, $67.00

ISO/DIS 6363-2, Wrought aluminium and aluminium alloys - Cold-drawn rods/bars and tubes and wires - Part 2: Mechanical properties - 11/7/2008, $93.00

ISO/DIS 6363-3, Wrought aluminium and aluminium alloys - Cold-drawn rods/bars, tubes and wires - Part 3: Drawn round bars and wires - Tolerances on form and dimensions (symmetric plus and minus tolerances on diameter) - 11/7/2008, $33.00

ISO/DIS 6363-4, Wrought aluminium and aluminium alloys - Cold-drawn rods/bars, tubes and wires - Part 4: Drawn rectangular bars and wires - Tolerances on form and dimensions - 11/7/2008, $46.00

ISO/DIS 6363-5, Wrought aluminium and aluminium alloys - Cold-drawn rods/bars, tubes and wires - Part 5: Drawn square and hexagonal bars and wires - Tolerances on form and dimensions - 11/7/2008, $40.00

ISO/DIS 6363-6, Wrought aluminium and aluminium alloys - Cold-drawn rods/bars, tubes and wires - Part 6: Drawn round tubes - Tolerances on form and dimensions - 11/7/2008, $40.00

MACHINE TOOLS (TC 39)

ISO/FDIS 19085-2, Woodworking machines - Safety - Part 2: Horizontal beam panel circular sawing machines - 11/6/2025, $112.00

ISO/FDIS 19085-14, Woodworking machines - Safety - Part 14: Four-sided moulding machines - 11/3/2000, $119.00

ISO/FDIS 19085-15.3, Woodworking machines - Safety - Part 15: Presses - 11/5/2004, $112.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO/DIS 9022-3, Optics and photonics - Environmental test methods - Part 3: Mechanical stress - 8/28/2021, $46.00

ISO/FDIS 9211-7, Optics and photonics - Optical coatings - Part 7: Minimum requirements for neutral beam splitter coatings - 11/12/2008, $33.00

PACKAGING (TC 122)

ISO/DIS 16495, Packaging - Transport packaging for dangerous goods - Test methods - 11/7/2009, $112.00

PIGMENTS, DYESTUFFS AND EXTENDERS (TC 256)

ISO/DIS 18473-4, Functional pigments and extenders for special applications - Part 4: Nanoscale titanium dioxide for photocatalytic application - 11/7/2008, $40.00

PLASTICS PIPES, FITTINGS AND VALVES FOR THE TRANSPORT OF FLUIDS (TC 138)

ISO/DIS 2505, Thermoplastics pipes - Longitudinal reversion - Test method and parameters - 11/7/2008, $40.00

RAILWAY APPLICATIONS (TC 269)

ISO/DIS 22074-4, Railway infrastructure - Rail fastening systems - Part 4: Test methods for resistance to repeated loading - 11/7/2009, $88.00

ROAD VEHICLES (TC 22)

ISO/DIS 23280, Electrically propelled mopeds and motorcycles - Test method for evaluation of energy performance using motor dynamometer - 11/7/2010, $77.00

ISO/DIS 23828, Fuel cell road vehicles - Energy consumption measurement - Vehicles fuelled with compressed hydrogen - 11/7/2009, $107.00

ISO/FDIS 23274-2, Hybrid-electric road vehicles - Exhaust emissions and fuel consumption measurements - Part 2: Externally chargeable vehicles - 11/10/2013, $62.00

SAFETY DEVICES FOR PROTECTION AGAINST EXCESSIVE PRESSURE (TC 185)

ISO/DIS 4126-10, Safety devices for protection against excessive pressure - Part 10: Sizing of safety valves and bursting discs for gas/liquid two-phase flow - 11/7/2006, $146.00

SECURITY (TC 292)

ISO/DIS 22340, Security and resilience - Protective security - Guidelines for an enterprise protective security architecture and framework - 11/7/2010, $88.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 24316, Ships and marine technology - Design and testing specification for steel doors using electrical resistance trace heating - 8/27/2021, $62.00

ISO/DIS 24319, Ships and marine technology - Design and test requirements for electrical trace heating small steel hatches - 8/27/2021, $67.00

SMALL TOOLS (TC 29)

ISO/DIS 12164-1, Hollow taper interface with flange contact surface - Part 1: Shanks of types A, AB, C, CB and EB - 8/28/2021, $93.00

ISO/DIS 12164-2, Hollow taper interface with flange contact surface - Part 2: Receivers of type A, C and E for hollow taper shanks of type A, AB, C, CB and EB - 8/28/2021, $46.00

ISO/DIS 12164-3, Hollow taper interface with flange contact surface - Part 3: Shanks of type T, TA and U - 8/28/2021, $67.00

ISO/DIS 12164-4, Hollow taper interface with flange contact surface - Part 4: Receivers of type T and U for hollow taper shanks of type T, TA and U - 8/28/2021, $40.00

ISO/DIS 12164-5, Hollow taper interface with flange contact surface - Part 5: Shanks of type AS, CS and ES - 8/28/2021, $93.00

ISO/DIS 12164-6, Hollow taper interface with flange contact surface - Part 6: Receivers of type AS, CS and ES for hollow taper shanks of type AS, CS and ES - 8/28/2021, $40.00

SOIL QUALITY (TC 190)

ISO/FDIS 11916-3, Soil quality - Determination of selected explosives and related compounds - Part 3: Method using liquid chromatography-tandem mass spectrometry (LC-MS/MS) - 11/3/2017, $82.00

SOLID MINERAL FUELS (TC 27)

ISO/DIS 561, Coal - Coal preparation plant - Graphical symbols - 11/7/2009, $67.00

STEEL (TC 17)

ISO/FDIS 7788, Steel - Surface finish of hot-rolled plates and wide flats - Delivery requirements - 11/8/2026, $62.00

TECHNICAL SYSTEMS AND AIDS FOR DISABLED OR HANDICAPPED PERSONS (TC 173)

ISO/DIS 7176-25, Wheelchairs - Part 25: Requirements and test methods for batteries and their chargers for electrically powered wheelchairs and motorized scooters - 11/13/2003, $82.00

ISO/DIS 16840-11, Wheelchair seating - Part 11: The determination of dissipation characteristics of sensible perspiration into seat cushions - 8/28/2021, $46.00

TEXTILE MACHINERY AND ALLIED MACHINERY AND ACCESSORIES (TC 72)

ISO/DIS 8115-1, Cotton bales - Dimensions and density - 8/29/2021, $29.00

ISO/DIS 8115-3, Bales - Part 3: Bales of cotton - Packaging and labelling - 8/29/2021, $29.00

TEXTILES (TC 38)

ISO/DIS 4484-2, Textiles and textile products - Microplastics from textile sources - Part 2: Qualitative and quantitative evaluation of microplastics - 11/7/2009, $134.00

TRADITIONAL CHINESE MEDICINE (TC 249)

ISO/DIS 4154, Traditional Chinese Medicine - Sinomenium acutum stem - 8/29/2021, $58.00

TYRES, RIMS AND VALVES (TC 31)

ISO/DIS 24469, Road wear test of studded tyres - 11/7/2010, $58.00

VALVES (TC 153)

ISO/DIS 10497, Testing of valves - Fire type-testing requirements - 11/7/2008, $71.00

WATER RE-USE (TC 282)

ISO/DIS 24297, Guidelines for treatment and reuse of leachate from municipal solid waste (MSW) incineration plants - 9/2/2021, $93.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 22989, Information technology - Artificial intelligence - Artificial intelligence concepts and terminology - 11/7/2010, $125.00

ISO/IEC DIS 23053, Framework for Artificial Intelligence (AI) Systems Using Machine Learning (ML) - 11/7/2010, $102.00

ISO/IEC FDIS 27551, Information security, cybersecurity and privacy protection - Requirements for attribute-based unlinkable entity authentication - 11/3/2004, $102.00

ISO/IEC DIS 18181-4, Information technology - JPEG XL Image Coding System - Part 4: Reference software - 8/29/2021, $33.00

ISO/IEC/IEEE FDIS 29119-2, Software and systems engineering - Software testing - Part 2: Test processes - 11/8/2009, $125.00

ISO/IEC/IEEE FDIS 29119-3, Software and systems engineering - Software testing - Part 3: Test documentation - 11/8/2009, $155.00

ISO/IEC/IEEE FDIS 29119-4, Software and systems engineering - Software testing - Part 4: Test techniques - 11/8/2009, $175.00

OTHER

ISO/IEC DIS 17060, Conformity assessment - Code of good practice - 11/7/2009, $40.00

IEC Standards

CABPUB/191/CDV, ISO/IEC CDV 17060 Conformity assessment ? Code of good practice, 09/03/2021

9/2732/CD, IEC 62973-3 ED1: Railway applications - Rolling stock - Batteries for auxiliary power supply systems - Part 3: Lead acid batteries, 08/06/2021

17A/1311(F)/FDIS, IEC 62271-112 ED2: High-voltage switchgear and controlgear - Part 112: Alternating current high-speed earthing switches for secondary arc extinction on transmission lines, 06/25/2021

20/1960/CDV, IEC 62067 ED3: Power cables with extruded insulation and their accessories for rated voltages above 150 kV (Um = 170 kV) up to 500 kV (Um = 550 kV) - Test methods and requirements, 09/03/2021

21A/763/FDIS, IEC 63218 ED1: Secondary cells and batteries containing alkaline or other non-acid electrolytes - Secondary lithium, nickel cadmium and nickel-metal hydride cells and batteries for portable applications - Guidance on environmental aspects, 07/23/2021

29/1084/CDV, IEC 61094-2/AMD1 ED2: Amendment 1 - Electroacoustics - Measurement microphones - Part 2: Primary method for pressure calibration of laboratory standard microphones by the reciprocity technique, 09/03/2021

32B/700/CDV, IEC 60269-7 ED1: Low-voltage fuses - Part 7: Fuse links for the protection of batteries, 09/03/2021

45A/1391/FDIS, IEC 63186 ED1: Nuclear power plants - Instrumentation and control systems important to safety - Criteria for seismic trip system, 07/23/2021

46/819/FDIS, IEC 62153-4-5 ED2: Metallic communication cable test methods - Part 4-5: Electromagnetic compatibility (EMC) - Screening or coupling attenuation - Absorbing clamp method, 07/23/2021

46A/1482/CDV, IEC 61196-9-2 ED1: Coaxial communication cables - Part 9-2: Detail specification for 50-0,4 type RF flexible cables, 09/03/2021

46A/1483/CDV, IEC 61196-11 ED2: Coaxial communication cables - Part 11: Sectional specification for semi-rigid cables with polyethylene (PE) dielectric, 09/03/2021

46A/1484/CDV, IEC 61196-11-1 ED2: Coaxial communication cables - Part 11-1: Blank detail specification for semi-rigid cables with polyethylene (PE) dielectric, 09/03/2021

51/1373/CDV, IEC 63182-4 ED1: Magnetic powder cores - Guidelines on dimensions and the limits of surface irregularities - Part 4: Block-cores, 09/03/2021

57/2390/NP, PNW TS 57-2390 ED1: Communication services and data model to support IEC 61850 system management, 09/03/2021

61D/478/Q, Parking Air-Conditioners - Proposal of the Chinese National Committee for an amendment to IEC 60335-2-40 Edition 6.0 (2018-01-26) - Household and similar electrical appliances - Safety - Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers, 07/30/2021

79/646/FDIS, IEC 60839-11-33 ED1: Alarm and electronic security systems - Part 11-33: Electronic access control systems - Access control configuration based on Web services, 07/23/2021

82/1913/CD, IEC TS 63209-2 ED1: Extended-stress testing of photovoltaic modules - Part 2: Component materials and packaging, 09/03/2021

82/1915/CD, IEC TS 62788-6-3 ED1: Measurement procedures for materials used in photovoltaic modules - Part 6-3: Adhesion testing of interfaces within PV modules, 09/03/2021

85/794/CD, IEC TS 63191 ED2: Demand side power quality management, 09/03/2021

86A/2099/CDV, IEC 60794-1-220 ED1: Optical fibre cables - Part 1 -220: Generic specification - Basic optical cable test procedures - Environmental test methods - Salt spray Corrosion test, Method F20, 09/03/2021

86A/2100/CDV, IEC 60794-1-404 ED1: Optical fibre cables - Part 1 -404: Generic specification - Basic optical cable test procedures - Electrical test methods - Current-temperature test, Method H4, 09/03/2021

86A/2126/CD, IEC 60794-1-309 ED1: Optical fibre cables - Part 1 -309: Generic specification - Basic optical cable test procedures - Cable element test methods- Bleeding and evaporation of filling or flooding compounds, Method G9, 09/03/2021

90/478/FDIS, IEC 61788-23 ED2: Superconductivity - Part 23: Residual resistance ratio measurement - Residual resistance ratio of cavity-grade Nb superconductors, 07/23/2021

94/519/CD, IEC 61812-1 ED3: Time relays and coupling relays for industrial and residential use - Part 1: Requirements and tests, 08/06/2021

100/3606/NP, PNW 100-3606 ED1: Optical transmission systems using RFoG technology (WG5), 08/06/2021

100/3604/CD, IEC 62702-1-1 ED2: Audio archive system - Part 1-1: DVD disk and data migration for long term audio data storage, 08/06/2021

100/3605/CD, IEC 62702-1-2 ED2: Audio archive system - Part 1-2: BD disk and data migration for long-term audio data storage, 08/06/2021

104/900/CDV, IEC 60721-2-6 ED2: Classification of environmental conditions - Part 2-6: Environmental conditions appearing in nature - Earthquake vibration and shock, 09/03/2021

111/625/CD, IEC TS 62474-1 ED1: Material declaration for products of and for the electrotechnical industry: Guidance for the implementation of IEC 62474., 09/03/2021

111/626/FDIS, IEC 62321-3-3 ED1: Determination of certain substances in electrotechnical products - Part 3-3: Screening - Polybrominated biphenyls, polybrominated diphenyl ethers and phthalates in polymers by gas chromatography-mass spectrometry using a pyrolyser/thermal desorption accessory (Py/TD?GC?MS), 07/23/2021

113/611/NP, PNW TS 113-611 ED1: IEC TS 62607-2-6: Nanomanufacturing - Key control characteristics - Part 2-6: Carbon nanotube materials - Thermal diffusivity of vertically-aligned carbon nanotubes on solid substrates: Flash method, 09/03/2021

JTC1-SC25/3035/NP, PNW JTC1-SC25-3035 ED1: Information technology - Home Electronic System (HES) architecture - Part-4 -302: Application protocol for electrical storage systems and controllers, 09/03/2021

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

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 6321:2021, Animal and vegetable fats and oils - Determination of melting point in open capillary tubes - Slip point, $73.00

ISO 7301:2021, Rice - Specification, $149.00

ISO 18447:2021, Tea - Determination of theaflavins in black tea - Method using high performance liquid chromatography, $149.00

AIR QUALITY (TC 146)

IEC 62990-2:2021, Workplace atmospheres - Part 2: Gas detectors - Selection, installation, use and maintenance of detectors for toxic gases and vapours, $225.00

ISO 12219-10:2021, Interior air of road vehicles - Part 10: Whole vehicle test chamber - Specification and methods for the determination of volatile organic compounds in cabin interiors - Trucks and buses, $149.00

BANKING AND RELATED FINANCIAL SERVICES (TC 68)

ISO 23195:2021, Security objectives of information systems of third-party payment services, $200.00

DENTISTRY (TC 106)

ISO 3630-3:2021, Dentistry - Endodontic instruments - Part 3: Compactors, $73.00

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

ISO 2692:2021, Geometrical product specifications (GPS) - Geometrical tolerancing - Maximum material requirement (MMR), least material requirement (LMR) and reciprocity requirement (RPR), $225.00

DOCUMENT IMAGING APPLICATIONS (TC 171)

ISO 19475:2021, Document management - Minimum requirements for the storage of documents, $111.00

FOOTWEAR (TC 216)

ISO 16181-2:2021, Footwear - Critical substances potentially present in footwear and footwear components - Part 2: Determination of phthalate without solvent extraction, $149.00

GAS CYLINDERS (TC 58)

ISO 15995:2021, Gas cylinders - Specifications and testing of LPG cylinder valves - Manually operated, $149.00

GEOGRAPHIC INFORMATION/GEOMATICS (TC 211)

ISO 19116/Amd1:2021, Geographic information - Positioning services - Amendment 1, $20.00

GRAPHIC TECHNOLOGY (TC 130)

ISO 12635:2021, Graphic technology - Plates for offset printing - Dimensions, $73.00

HEALTHCARE ORGANIZATION MANAGEMENT (TC 304)

ISO 22956:2021, Healthcare organization management - Requirements for patient-centred staffing, $73.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO 21919-2:2021, Physical device control - Interfaces for automated machine tending - Part 2: Safety and control interface, $200.00

INDUSTRIAL TRUCKS (TC 110)

ISO 22915-3:2021, Industrial trucks - Verification of stability - Part 3: Reach and straddle trucks, $73.00

INFORMATION AND DOCUMENTATION (TC 46)

ISO 690:2021, Information and documentation - Guidelines for bibliographic references and citations to information resources, $250.00

INTERNAL COMBUSTION ENGINES (TC 70)

ISO 4548-6:2021, Methods of test for full-flow lubricating oil filters for internal combustion engines - Part 6: Static burst pressure test, $48.00

LIGHT METALS AND THEIR ALLOYS (TC 79)

ISO 8287:2021, Magnesium and magnesium alloys - Unalloyed magnesium - Chemical composition, $48.00

MATERIALS, EQUIPMENT AND OFFSHORE STRUCTURES FOR PETROLEUM AND NATURAL GAS INDUSTRIES (TC 67)

ISO 20257-2:2021, Installation and equipment for liquefied natural gas - Design of floating LNG installations - Part 2: Specific FSRU issues, $200.00

OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT SYSTEMS (TC 283)

ISO 45003:2021, Occupational health and safety management - Psychological health and safety at work - Guidelines for managing psychosocial risks, $149.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO 13142:2021, Optics and photonics - Lasers and laser-related equipment - Cavity ring-down method for high-reflectance and high-transmittance measurements, $111.00

ISO 14490-5:2021, Optics and photonics - Test methods for telescopic systems - Part 5: Test methods for transmittance, $111.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO 3837/Amd1:2021, Liquid petroleum products - Determination of hydrocarbon types - Fluorescent indicator adsorption method - Amendment 1, $20.00

PHOTOGRAPHY (TC 42)

ISO 19264-1:2021, Photography - Archiving systems - Imaging systems quality analysis - Part 1: Reflective originals, $225.00

ROAD VEHICLES (TC 22)

ISO 22140:2021, Passenger cars - Validation of vehicle dynamics simulation - Lateral transient response test methods, $149.00

ISO 23239-1:2021, Road vehicles - Vehicle domain service (VDS) - Part 1: General information and use case definitions, $225.00

SOLID BIOFUELS (TC 238)

ISO 17225-1:2021, Solid biofuels - Fuel specifications and classes - Part 1: General requirements, $225.00

TECHNICAL SYSTEMS AND AIDS FOR DISABLED OR HANDICAPPED PERSONS (TC 173)

ISO 16840-10:2021, Wheelchair seating - Part 10: Resistance to ignition of postural support devices - Requirements and test method, $111.00

TEXTILES (TC 38)

ISO 20743:2021, Textiles - Determination of antibacterial activity of textile products, $175.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO 12003-1:2021, Tractors for agriculture and forestry - Roll-over protective structures on narrow tractors - Part 1: Front-mounted ROPS, $225.00

ISO 12003-2:2021, Tractors for agriculture and forestry - Roll-over protective structures on narrow tractors - Part 2: Rear-mounted ROPS, $225.00

ISO 15886-2:2021, Agricultural irrigation equipment - Sprinklers - Part 2: Design and operation requirements, $73.00

TRADITIONAL CHINESE MEDICINE (TC 249)

ISO 23190:2021, Traditional Chinese medicine - Determination of aristolochic acids in natural products by high-performance liquid chromatography (HPLC), $73.00

TRANSFUSION, INFUSION AND INJECTION EQUIPMENT FOR MEDICAL USE (TC 76)

ISO 22413:2021, Transfer sets for pharmaceutical preparations - Requirements and test methods, $111.00

WATER QUALITY (TC 147)

ISO 6107:2021, Water quality - Vocabulary, $48.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO 17633/Amd1:2021, Welding consumables - Tubular cored electrodes and rods for gas shielded and non-gas shielded metal arc welding of stainless and heat-resisting steels - Classification - Amendment 1, $20.00

ISO 8167:2021, Resistance welding - Embossed projection welding - Projections for resistance welding, $111.00

ISO Technical Specifications

EXCELLENCE IN SERVICE (TC 312)

ISO/TS 24082:2021, Service excellence - Designing excellent service to achieve outstanding customer experiences, $149.00

HEALTH INFORMATICS (TC 215)

ISO/TS 22693:2021, Genomics informatics - Structured clinical gene fusion report in electronic health records, $149.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 1539-1/Cor1:2021, Information technology - Programming languages - Fortran - Part 1: Base language - Technical Corrigendum 1, FREE

ISO/IEC 23000-21/Amd1:2021, Information technology - Multimedia application format (MPEG-A) - Part 21: Visual identity management application format - Amendment 1: Conformance and reference software, $20.00

ISO/IEC 23200-1:2021, Information technology - Radio frequency identification for item management - Part 1: Interference rejection performance test method between a tag as defined in ISO/IEC 18000-63 and a heterogeneous wireless system, $111.00

ISO/IEC 15938-16:2021, Information technology - Multimedia content description interface - Part 16: Conformance and reference software for compact descriptors for video analysis, $111.00

ISO/IEC 19770-11:2021, Information technology - IT asset management - Part 11: Requirements for bodies providing audit and certification of IT asset management systems, $111.00

IEC Standards

CAPACITORS AND RESISTORS FOR ELECTRONIC EQUIPMENT (TC 40)

IEC 60938-1 Ed. 3.0 b:2021, Fixed inductors for electromagnetic interference suppression - Part 1: Generic specification, $259.00

DOCUMENTATION AND GRAPHICAL SYMBOLS (TC 3)

IEC 60757 Ed. 2.0 b:2021, Code for designation of colours, $25.00

IEC 61666 Ed. 2.1 b:2021, Industrial systems, installations and equipment and industrial products - Identification of terminals within a system, $152.00

IEC 61666 Amd.1 Ed. 2.0 b:2021, Amendment 1 - Industrial systems, installations and equipment and industrial products - Identification of terminals within a system, $25.00

EQUIPMENT FOR ELECTRICAL ENERGY MEASUREMENT AND LOAD CONTROL (TC 13)

IEC 62053-41 Ed. 1.0 b:2021, Electricity metering equipment - Particular requirements - Part 41: Static meters for DC energy (classes 0,5 and 1), $89.00

INSULATING MATERIALS (TC 15)

IEC 60455-3-8 Ed. 2.0 b:2021, Resin based reactive compounds used for electrical insulation - Part 3-8: Specifications for individual materials - Resins for cable accessories, $133.00

S+ IEC 60455-3-8 Ed. 2.0 en:2021 (Redline version), Resin based reactive compounds used for electrical insulation - Part 3-8: Specifications for individual materials - Resins for cable accessories, $173.00

MARITIME NAVIGATION AND RADIOCOMMUNICATION EQUIPMENT AND SYSTEMS (TC 80)

IEC 63173-1 Ed. 1.0 en:2021, Maritime navigation and radiocommunication equipment and systems - Data interface - Part 1: S-421 route plan based on S-100, $443.00

POWER TRANSFORMERS (TC 14)

IEC 60076-22-8 Ed. 1.0 b:2021, Power transformers - Part 22-8: Power transformer and reactor fittings - Devices suitable for use in communication networks, $183.00

SEMICONDUCTOR DEVICES (TC 47)

IEC 62047-41 Ed. 1.0 b:2021, Semiconductor devices - Micro-electromechanical devices - Part 41: RF MEMS circulators and isolators, $259.00

IEC 60747-5-13 Ed. 1.0 en:2021, Semiconductor devices - Part 5-13: Optoelectronic devices - Hydrogen sulphide corrosion test for LED packages, $133.00

SWITCHGEAR AND CONTROLGEAR (TC 17)

IEC 62271-105 Ed. 3.0 b:2021, High-voltage switchgear and controlgear - Part 105: Alternating current switch-fuse combinations for rated voltages above 1 kV up to and including 52 kV, $354.00

S+ IEC 62271-105 Ed. 3.0 en:2021 (Redline version), High-voltage switchgear and controlgear - Part 105: Alternating current switch-fuse combinations for rated voltages above 1 kV up to and including 52 kV, $460.00

WINDING WIRES (TC 55)

IEC 60851-1 Ed. 3.0 b:2021, Winding wires - Test methods - Part 1: General, $89.00

International Organization for Standardization (ISO)

ISO New Work Item Proposal

Application of ISO 9001 in Policing Organizations

Comment Deadline: July 2, 2021

SCC, the ISO member body for Canada, has submitted to ISO a new work item proposal for the development of an ISO standard on ISO standard on Application of ISO 9001 in Policing Organizations, with the following scope statement:

This document provides guidelines for policing organizations on understanding and implementing a quality management system that meets the requirements of ISO 9001:2015 to ensure the achievement of society's confidence in the police entity, and support police entities to demonstrate their ability to consistently satisfy the needs of their customers (citizens).
This document covers all types of policing business and police services such as traffic, maintain order, etc.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, July 2, 2021.

ISO New Work Item Proposal

Guidelines for the Promotion and Implementation of Gender Equality

Comment Deadline: June 25, 2021

AFNOR, the ISO member body for France, has submitted to ISO a new work item proposal for the development of an ISO standard on Guidelines for the Promotion and Implementation of Gender Equality, with the following scope statement:

Standardization in the field of gender equality with the aim of developing a technical guidance on how to promote and implement gender equality in all types of organizations, public or private, regardless of their size, location and field of activity.

The objective is to develop guidelines on:
- Concepts, terms and definitions;
- Identification of existing good practices;
- Definition of actions, strategies, policies for the promotion and implementation of gender equality

Excluded: Related standardization work on diversity in human resources management as covered by ISO/TC 260 "Human resources management
Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, June 25, 2021.

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, regulatory agencies and standards developing organizations 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 proposed technical regulations that may significantly affect trade to the WTO Secretariat in Geneva, Switzerland. In turn, the Secretariat issues and makes available these notifications. The purpose of the notification requirement is to provide global trading partners with an opportunity to review and comment on the regulations before they become final.

The USA Inquiry Point for the WTO TBT Agreement is located at the National Institute of Standards and Technology (NIST) in the Standards Coordination Office (SCO). The Inquiry Point distributes the notified proposed foreign technical regulations (notifications) and makes the associated full-texts available to U.S. stakeholders via its online service, Notify U.S. Interested U.S. parties can register with Notify U.S. to receive e-mail alerts when notifications are added from countries and industry sectors of interest to them. To register for Notify U.S., please visit: http://www.nist.gov/notifyus/.

The USA WTO TBT Inquiry Point is the official channel for distributing U.S. comments to the network of WTO TBT Enquiry Points around the world. U.S. business contacts interested in commenting on the notifications are asked to review the comment guidance available on Notify U.S. at: https://tsapps.nist.gov/notifyus/data/guidance/guidance.cfm prior to submitting comments.

For further information about the USA TBT Inquiry Point, please visit: https://www.nist.gov/standardsgov/what-we-do/trade-regulatory-programs/usa-wto-tbt-inquiry-point Contact the USA TBT Inquiry Point at (301) 975-2918; F: (301) 926-1559; E: usatbtep@nist.gov or notifyus@nist.gov.

APCO International
Leaders in Public Safety Communications®

Crisis Intervention Techniques
And Call Handling Procedures for Public Safety Telecommunicators

APCO Candidate ANS 1.120.1-20XX

Only highlighted text is open for Public Review and Comment. For reference only, entire draft is available here.

EXECUTIVE SUMMARY

{…} Most recently there has been a push within Emergency Communication Centers to improve education, understanding and consequent job performance around the handling of calls involving behavioral health issues. Behavioral health covers a wide breadth of signs and symptoms experienced which could include, but are not limited to, behavioral challenges, emotional difficulties, substance use, developmental disabilities, diagnosable conditions, mental health, and age-specific characteristics associated with generalized behavioral health. This standard will review primarily poor behavioral health, but it should be noted that behavioral health can also be positive and healthy. {…}

{…}. PST's must manage a wide range of emergency calls, often involving a variety of behavioral health disorders and conditions. {…}. In practice, this standard is written to provide fundamental strategies and responsibilities for the agency, a brief understanding of behavioral health, PST responsibilities, and stress management for the PST. {…}

Historically, many of us are accustomed to using the term "mental health" when referring to a person in crisis. However, we'd like to challenge you throughout this standard to utilize the phrase "behavioral health". This is a simple transition which permits for a wider breath and scope, allowing us to encompass all of the material noted in this standard, and then some. It is important to remember that the language is still interchangeable, therefore, as a PST you should strive to modify language to reflect that of what is used in this standard, while remembering that the phrase "mental health" may be used by the caller themselves.

We'd like to give you an example of how these two (mental health and behavioral health) work together in a scenario which could be applicable to public safety. Say you, as a PST, receive a call from an individual who has severe anxiety. They would likely be calling due to panic attacks, suicidal thoughts, fear of leaving their home, etc. While you wait for responding units to arrive on scene, the caller might also disclose to you that they have had poor appetite, hard time sleeping, work disturbances, and low social life. In a different situation, but with the same type of caller, they might be calling after getting into a car accident or into a domestic with their partner as a result of their anxiety. Although the anxiety itself is a diagnosable condition and what could be listed as straight mental health, all the behaviors which

surround the anxiety, both directly and indirectly, are impacting their overall functioning and consequently their call for help. This is the behavioral health piece. This is how we view behavioral health – the overall health, and in a PST's world, generally that behavioral health is in poor condition.

Due to the nature of behavioral health, it is difficult to provide concrete responses and strict expectations for a PST. {…}. Despite this, the PST shall attempt to always use compassion, empathy, strong active listening skills, and calm responses to make informed decisions to all incoming calls involving or directly related to behavioral health issues.

To achieve successful handling of behavioral health related calls, the PST shall use the information they receive from the call to guide a response to the caller and to relay relevant information to responding units.

1.1.2 Calling Party: {…} Regarding a behavioral health crisis, the calling party could be the person in crisis, or a secondary party requesting help for the person having the crisis. {…}

1.1.3 Crisis: An event which may or may not exceed an individual's coping strategies and result in disturbances, reactions, or impairments in cognition, affect, and/or behavior.[1]

1.1 Understanding Concepts Related to Behavioral Health

1.1.1 Behavioral Health Trained Officer: Standardized curricula have been developed on a national scale to train first responders including law enforcement officers, PSTs, emergency medical technicians/paramedics, fire department staff and others to identify, understand, and respond appropriately to behavioral health crises. {…}

1.2.2.1 Crisis Intervention Team (CIT): {…}; teaches responders knowledge of psychiatric treatment, recognition of psychiatric emergencies, de-escalation skills, self-efficacy, transportations to treatment and behavioral health centers,{…}

1.2.2.2 **Mental Health First Aid (MHFA):** {…} MHFA curriculum covers fundamentals of identifying, understanding, and responding to behavioral health crises.[2]

1.2.2.3 Other behavioral health training curricula for law enforcement, EMTs, and firefighters may be more common on a regional or local level.

1.1.2 Co-occurring Disorders:{…} Compared to individuals who have a single disorder, those with a combination of disorders may experience more severe medical and behavioral health challenges and may require longer periods of treatment.[3]

1.1.3 Involuntary Treatment:{…} Processes will vary state-by-state but will ultimately require psychiatric evaluation.

1.1.4 Medication Treatment: One or a combination of prescription medication(s) used to help treat behavioral health or subdue symptoms associated with diagnoses. {…}

1.1.5 Person in Crisis: An individual demonstrating signs and/or symptoms of poor behavioral health or generalized higher acuity (severity) of signs and/or symptoms than that of a normal time for the individual; the individual may benefit from administration or referral to treatment services.

1.1.6 Sign of Poor Behavioral Health: {…}

1.1.7 Stages of Change: Behavioral change can be categorized in a progression of six stages, each with various engagement markers.{…}

1.1.8 Stigma:{…} Negative attitudes toward people with behavioral health conditions are common, and can result in harmful consequences such as:[4]

1.1.9 Symptom of Poor Behavioral Health: {…}

1.1.10 Voluntary Treatment: An individual actively seeking and willing to engage in behavioral health treatment.

Understanding Behavioral Health

SCOPE

This chapter provides the PST with a basic understanding of behavioral health and the various reasons a person may be experiencing a behavioral health crisis. Additionally, this chapter will assist the PST in recognizing common signs and symptoms of a person experiencing a behavioral health crisis and the different ways diagnosable disorders can affect how a person feels, thinks, and interacts with society.

2.1 What is Behavioral Health?

2.1.1 Behavioral health is an umbrella term that includes the intersections of emotional, psychological, mental, physical, and social well-being. {…} Behavioral health challenges may be occasional or long-lasting (chronic) and affect someone's ability to relate to others and function each day. Behavioral health includes not only a diagnosis, at times, but also the subsequent behaviors directly or indirectly related to that diagnosis.[1]

2.2 Who is Affected by Behavioral Health Challenges?

2.2.1 Poor behavioral health is not something which an individual chooses to experience but can choose to treat and maintain. {…}. Behavioral health does not discriminate and impacts all populations.

2.2.2 A person experiencing a behavioral health crisis does not have to have a previous diagnosis. {…}

2.2.3 Societal and cultural norms can contribute to much of the stigma associated with behavioral health disorders and can lead to a person not wanting or seeking treatment.

2.2.4 Family and friends are impacted by behavioral health due to caregiver impacts and challenges associated with chronic behavioral health. Family and friends likely will be initiating calls for service on behalf of their loved ones.

2.2.6 Behavioral Health Facts:

2.2.6.2 17% of children experience behavioral health disorder

2.2.6.6 Approximately 10% of police contacts with the public in America involve persons with serious mental illness; most police contacts with persons with behavioral health signs and symptoms do not involve major crimes or violence

2.2.6.7 More than 1.7 million Veterans received behavioral health services at a Veterans Affairs facility in 2018

2.3 Impacts of Behavioral Health Disorders

2.3.1 Suicide is often associated with symptoms of behavioral illness.

2.3.1.4 Among individuals who die by suicide, 54% had a known behavioral health condition. {…}

2.3.1.6 In 2018 113 Firefighters/EMTs and 2 PSTs died by suicide; the Firefighter Behavioral Health Alliance estimates that only 60% of first responder suicides are reported.

[1] Centers for Disease Control and Prevention. (CDC). (2018). *Learn About Mental Health*. Retrieved from www.cdc.gov/.

2.3.4 An individual's behavioral health will likely fall onto a continuum of awareness and acceptance, often referred to as stages of change. This will impact the individual's ability and/or willingness to engage appropriately with first responders and PSTs.

2.4 Potential Causes of Behavioral Health Disorders

2.4.1 There is no single cause which can concretely be tracked to the root of a development of a behavioral health disorder or crisis. Like any other part of the body, the brain can be influenced by multiple factors which can contribute to increased risk factors for developing signs and symptoms of behavioral health disorders and crisis. They can include isolation/loneliness, alcohol/drug use, biological factors (genes, chemical imbalances in brain), early adverse life experiences (i.e.: trauma or abuse), and experiences related to other chronic medical conditions.

2.5 Categories of Behavioral Health Disorders

2.6 Possible Signs and Symptoms of Behavioral Health Crises

2.6.3.1 Examples: Problems with concentration, memory, or logical thought and speech that are hard to explain, disorientation, difficulties with speech, slurred words or difficulty with pronunciation, difficulties with conceiving information, confusion about time and place, difficulties with remembering personal details and events, repeating information, sensory overload[2]

2.6.8 Previous Behavioral Health Treatment

Note: {…}. PSTs shall ask questions regarding pertinent medical history and behavioral health history, based on agency protocols, to better classify the call and send appropriate units.

For additional or more detailed explanations regarding diagnosis, signs, and symptoms, {…}

3.1.1.1 The agency shall ensure the policies and procedures regarding the handling of crisis calls remain up to date; the agency should consider collaborating with local, state, and/or national behavioral health agencies for applicable policies and procedures.

3.1.2.1 General knowledge of behavioral health;

3.1.2.4 Understanding of both industry and in-house terminology that may include stigma, behavioral health, crisis, peer support, burn out, and compassion fatigue;

3.1.3.1.2 Advancements in behavioral health as it relates to CIT, MHFA, or other applicable training(s);

3.1.3.1.4 Other information as it pertains to the processing and dispatching of high-stake calls involving aspects of behavioral health.

3.1.5 The agency should maintain an active list of local behavioral health resources that is available to the PST.

4.1.4.2.1 HIPAA does not prevent PSTs from relaying personal health information to responding units, as needed, for person in crisis care, responding unit safety, and general public wellbeing. [3]

4.1.4.2.2 PSTs should be familiar with their local and state specific rules and exceptions.[4]

4.1.7 PST shall be familiar with local and state laws in association with involuntary treatment for behavioral health crisis.

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[2] APA. (2020). *Help with Posttraumatic Stress Disorder*. Retrieved from www.psychiatry.org/.; NAMI (2017). *Warning Signs and Symptoms.* Retrieved from www.nami.org/.; NIMH (2018). *Panic Disorder: When Fear Overwhelms.* Retrieved from www.nimh.nih.gov/.; MHA. (2020). *Mental Illness & The Family: Recognizing Warning Signs and How to Cope.* Retrieved from www.mhanational.org/.; Policy Research Associates, Inc. (2005). *Brief Jail Mental Health Screen.* Retrieved from www.prainc.com/.; SAMHSA. (2020). *Warning Signs & Risk Factors for Emotional Distress*. Retrieved from www.samhsa.gov/.

[3] U.S. Department of Health & Human Services. (2021). *Health Information Privacy.* Retrieved from www.hhs.gov/hippa/.

[4] The Office of the National Coordinator for Health Information Technology. (2021). *HIPPA versus State Laws.* Retrieved from www.healhtit.gov/.

4.2.1.1 Obtain and verify the location where the incident is occurring;
4.2.1.7 Verify and document if the involved person(s) is/are under the influence of alcohol, drugs and/or prescription medications;
4.2.1.7.1 Verify and document if the involved person(s) takes prescribed medication(s) and is currently taking as prescribed or abusing this medication
4.2.1.8 Determine if anything like this current situation has occurred before and if so, is the person in crisis currently engaged with treatment providers;
4.2.2 The PST shall recognize the need to reclassify the incident as a behavioral health crisis related classification, as assigned by the agency, when appropriate, as updated information is received from the caller or responder.
4.2.2.1 See Appendix B: Behavioral Health Call Types/Common Terminology to Recognize
4.2.3 The PST should be able to recognize signs and symptoms displayed by an individual possibly experiencing a behavioral health crisis when information is provided either by the person in crisis or a third-party caller that indicates such. The PST shall not assume the individual is experiencing a behavioral health crisis versus a medical issue.
4.3.1.2.13 Advise the caller when help is on the way and what type of emergency service has been dispatched. The PST should use best judgement when considering advising the caller of what type(s) of emergency service(s) have been dispatched, being mindful to not escalate the situation by informing.
4.3.7 The PST shall notify responding units if the caller discloses suicide by cop comment(s).
4.4.3.8 What type of behavioral health crisis is occurring;
4.4.3.10 Call history for the location that may relate to the current incident (e.g.: prior call history of a behavioral health crisis involving the same person).
5.1.3.1 Behavioral such as:
5.1.3.3.3 Depression or other behavioral health problems;

Appendix B: Behavioral Health Call Types/Common Terminology to Recognize

Emergency type	Key Dispatch Words/Phrases
Behavioral Health Issue	• Possible behavioral health subject • Mention of behavioral health issue: • "BH" = Behavioral health/PST request
Check the Welfare	• Mention of behavioral health issue
Frequent Utilizer of Emergency Services	• Call history in CAD indicates behavioral health issue
Domestic Violence	• Mention of behavioral health issue

BSR/ASHRAE Addendum g
to ANSI/ASHRAE Standard 62.2-2019

Public Review Draft

Proposed Addendum g to Standard 62.2-2019, Ventilation and Acceptable Indoor Air Quality in Residential Buildings

First Public Review (June 2021)
(Draft shows Proposed Changes to Current Standard)

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

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

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

ASHRAE, 180 Technology Parkway NW, Peachtree Corners, GA 30092

(This foreword is not part of this standard. It is merely informative and does not contain requirements necessary for conformance to the standard. It has not been processed according to the ANSI requirements for a standard and may contain material that has not been subject to public review or a consensus process. Unresolved objectors on informative material are not offered the right to appeal at ASHRAE or ANSI.)

FOREWORD

This proposed addendum deletes the reference to ASHRAE Guideline 24-2015, Ventilation and Indoor Air Quality in Low-Rise Residential Buildings, *from Standard 62.2. Guideline 24-2015 was withdrawn by ASHRAE in October 2020.*

[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 g to 62.2-2019

Revise the second paragraph of the Foreword as shown below.

[…]
This standard does not address specific pollutant concentration levels, nor does it address certain potential pollutant sources such as contamination from outdoor sources or from episodic occupant-controlled events such as painting, smoking, cleaning, or other high-polluting events. For information on residential ventilation and IAQ beyond the minimum requirements contained in this standard, users may wish to consult the companion guideline, which was also developed by the Standard 62.2 committee. ~~ASHRAE Guideline 24-2015,~~ ~~Ventilation and Indoor Air Quality in Low-Rise Residential Buildings, *provides explanatory and educational material not appropriate for a code-intended standard.*~~
[…]

Revise Section 4.2 as shown below.

4.2 System Type. The dwelling-unit mechanical ventilation system shall consist of one or more supply or exhaust fans and associated ducts and controls. Local exhaust fans shall be permitted to be part of a mechanical exhaust system. Where local exhaust fans are used to provide dwelling-unit ventilation, the local exhaust airflow may be credited toward the dwelling-unit ventilation airflow requirement. Outdoor air ducts connected to the return side of an air handler shall be permitted as supply ventilation if manufacturer requirements for return air temperature are met. ~~See ASHRAE Guideline 24, Section 10, for guidance on selection of methods.~~

Revise Section 5.3 as shown below.

5.3 Continuous Mechanical Exhaust. A mechanical exhaust system shall be installed to operate continuously. The system may be part of a balanced mechanical ventilation system. ~~See ASHRAE Guideline 24, Chapter 10, for guidance on selection of methods.~~

Revise Section 6.2 as shown below.

6.2 Instructions and Labeling. Information on the ventilation design and/or ventilation systems installed, instructions on their proper operation to meet the requirements of this standard, and instructions detailing any required maintenance (similar to that provided for HVAC systems) shall be provided to the owner and the occupant of the dwelling unit. Controls shall be labeled as to their function (unless that function is obvious, such as toilet exhaust fan switches). ~~See ASHRAE Guideline 24, Section 13, for information on instructions and labeling.~~

Revise Section 9 as shown below. The remainder of Section 9 is unchanged.

9. REFERENCES
[…]

Reference	Title	Section
[…]		
ASHRAE **1791 Tullie Circle, N.E.** **Atlanta, GA 30329** **(800) 527-4723; www.ashrae.org**		
~~ASHRAE Guideline 24 (2015)~~	~~Ventilation and Indoor Air Quality in Low-Rise Residential Buildings~~	~~4.2, 5.3, 6.2~~
[…]		

Tracking number 7i25r1
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Revision to NSF/ANSI 7 – 2019
Issue 25, Revision 1 (June 2021)

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

NSF International Standard/
American National Standard –

Commercial Refrigerators and Freezers

•

9 Display refrigerators and freezers

•

9.1.5 Handles and latches for self-service display refrigerators

For self-service display refrigerators, handles and latches manufactured from brass with a lead content not exceeding 0.25% by weight are exempt from 4.2.3 of NSF/ANSI 51.

***Rationale**: Brass materials are desired for their antimicrobial properties on surfaces prone to frequent public hand contact. The specific, limited end use application of only handles an latches used on self-service display refrigerator ensures an environment not subject to the risks of exposure to excessive moisture and corrosion that the applicable requirements of 4.2.3 of NSF/ANSI 51 are intended resolve.*

Tracking #358-1i5r1
Revision to NSF/ANSI 358-1-2020

Issue 5, Revision 1 (June 2021)

[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 Plastics —

Polyethylene Pipe and Fittings for Water-Based Ground-Source "Geothermal" Heat Pump Systems

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7 Quality assurance

Table 7.1
PE pipe test frequencies and minimum specimens

Test	PE pipe	Minimum number of specimens
burst pressure[1]	24 h	1
dimensions (inner diameter or outer diameter)	2 h	3
dimensions, minimum and maximum wall thickness	2 h	3
elevated temperature sustained pressure (176 °F) (80 °C)	annually	6
~~environmental stress crack resistance~~	~~annually~~	~~6~~
product standards	ASTM F714 ASTM D2737 ASTM D3035 CSA B137.1	—

[1] If one material is continuously used in several machines or sizes, then when a steady-state operation is obtained on each machine, sample selection shall be from a different extruder each day and rotated in sequence among all machines or sizes.

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BSR/UL 132, Standard for Safety for Relief Valves for Anhydrous Ammonia and LP-Gas

PROPOSAL

1. Proposed 9th Edition of UL 132 as a bi-national standard for US and Canada

1.1 This Standard sets forth minimum requirements for safety valves, categorized as pressure-relief valves, safety relief valves and hydrostatic relief valves for anhydrous ammonia and liquefied petroleum gas (LP-Gas). ~~for use~~ These safety valves are typically installed on tanks built in accordance with ASME Pressure Vessel Code, Section VIII, Division 1, or the Boiler, pressure vessel, and pressure piping code, CSA B51, in nonrefrigerated systems in facilities covered by the ~~following standards~~ applicable Codes and Regulations as determined by the Authority Having Jurisdiction (AHJ) such as:

a) In the United States:
   1) Requirements for the Storage and Handling of Anhydrous Ammonia, ANSI/CGA G-2.1;
   2) Liquefied Petroleum Gas Code, NFPA 58; and
   3) Utility LP-Gas Plant Code, NFPA 59.

b) In Canada:
   1) Natural gas ~~and propane installation~~ code, CSA B149~~.1~~ Series; and
   2) Provincial or other Regulations.

2.3 Reference Publications

Other Standards

ASME B1.20.1, *Pipe Threads, General Purpose (Inch)*
ASME/BPVC Sec VIII-1, *Section VIII Division 1 Rules for Construction of Pressure Vessels*
ASTM A27/A27M, *Standard Specification for Steel Castings, Carbon, for General Application*
ASTM A47/A47M, *Standard Specification for Ferritic Malleable Iron Castings*
ASTM A395/A395M, *Standard Specification for Ferritic Ductile Iron Pressure-Retaining Castings for Use at Elevated Temperatures*
ASTM B858, *Standard Test Method for Ammonia Vapor Test for Determining Susceptibility to Stress Corrosion Cracking in Copper Alloys*
ASTM G155, *Standard Practice for Operating Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials*
ASTM D1835, *Standard Specification for Liquefied Petroleum (LP) Gases*
ANSI/CGA G-2.1, *Requirements for the Storage and Handling of Anhydrous Ammonia*
CAN/CSA B149~~.1~~ Series, *Canadian Natural gas ~~and propane installation~~ code*
CAN/CSA B51, *Boiler, pressure vessel, and pressure piping code*
NFPA 58, *Liquefied Petroleum Gas Code*
NFPA 59, *Utility LP-Gas Plant Code*

BSR/UL 705, Standard for Safety for Power Ventilators

1. Updating the Standard to Include Additional Requirements for Ventilator for Heat and Smoke Control

PROPOSAL

Supplement SD - POWER VENTILATORS FOR SMOKE CONTROL SYSTEMS

SD1 Scope

SD1.1 These requirements cover power ventilators for smoke control systems.

SD1.2 Power ventilators complying with this standard may be additionally tested for heat and smoke control systems. Ventilators shall be tested to a temperature and time rating specified by the ventilator manufacturer.

SD1.3 Power ventilators for smoke control systems for installation in building in accordance with Smoke-Control Systems Utilizing Barriers and Pressure Differences, ANSI/NFPA 92A, and Smoke Management Systems in Malls, Atria, and Large Space ANSI/NFPA 92B.

SD1.4 The requirements in this Supplement are in addition to the requirements in Sections 1 – 36.

SD2 General

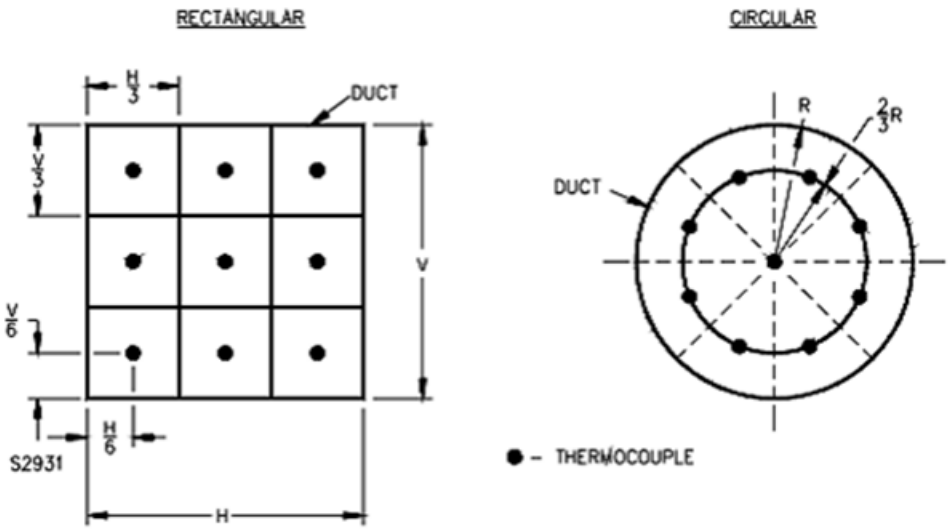
SD2.1 A component of a power ventilator shall comply with the requirements for that Component.

SD3 Heat and Smoke Exhaust Test

SD3.1 Temperature measurement

SD3.1.1 The inlet airstream temperature is to be determined by a thermocouple grid located 6 inches (0.15 meters) from the ventilator collar in a plane perpendicular to the air flow. The grid is made up of nine thermocouples of identical length wired in parallel. The duct is to be divided into nine equal areas with a thermocouple located in the center of each of the areas. The thermocouples are to be Type K as shown in Figure SD3.1.

Figure SD3.1
Thermocouple grid



SD3.1.2 The ambient temperature shall be measured at a distance 2 feet (0.61 m) from the nearest part of the ventilator.

SD3.1.3 The temperatures obtained on any portion of the ventilator are for reference purposes only.

SD3.2 Test Installation

SD3.2.1 The sample shall be placed on a fixture representing the intended use and operation of the ventilator.

SD3.2.2 A representative sample of the style of ventilator to be installed in accordance with the manufacturer's instructions.

SD3.3 Test Method.

SD3.3.1 A separate ventilator may be used for each temperature and time rating specified by the manufacturer.

Table SD3.1

Examples of temperature and time ratings

Temperature °F (°C)	Min Time
350 (177)	1 hour
500 (260)	2 hours
752 (400)	2 hours
1000 (538)	15 min
1112 (600)	1 hour

SD3.3.2 The ventilator must operate at a range between 60 °F to 90 °F (16 °C to 33 °C) airstream temperature until thermal stabilization of motor, once thermal stabilization of motor occurs heat source turns on. Thermal stabilization of the motor windings is defined as three consecutive temperature readings taken at a minimum of 5-minute intervals that indicate no change.

SD3.3.3 The temperature rise must increase to the manufacturer's provided temperature within a minimum of 10-minute of the heat source being turned on.

SD3.4 Requirements

SD3.4.1 Parts of the ventilator shall not warp, deteriorate or become damaged to any extent that would cause unsafe operation or prevent the unit from operating. The unit under test must continue to run throughout the entire time specified by the manufacturer.

SD4 Heat and Smoke Exhaust Damper Test

SD4.1 Dampers that comply with the Standard for Automatically Operated Roof Vents for Smoke and Heat, UL 793 may be employed to be used on a power smoke and control ventilator.

SD4.2 Dampers that do not comply with Standard for Automatically Operated Roof Vents for Smoke and Heat, UL 793 that are utilized on the ventilator, will need to be tested per UL 793 Sections 1 to 18.

BSR/UL 758, Standard for Safety for Appliance Wiring Material

PROPOSAL(S)

1. Addition of Laser Marking Requirements, Revised 50.1

50.1 Surface marking is not required for appliance wiring material. If present, the marking shall made using surface printing, indent marking, embossing, or a marker tape under the jacket. The thickness of the insulation or jacket under the printing shall not be reduced below the minimum required.

Laser printing shall be acceptable if it does not reduce the tensile strength and elongation (unaged and after conditioning) below the minimum allowed for the material. The laser-imprinted area shall not be buffed or skived during the test.

2. Thickness of Nylon Coverings, Revised Table 8.2

Table 8.2
Extruded Nylon Coverings

Conductor size, AWG	Conductor size, mm2	300 V Nylon wall thickness, inch (mm), ~~maximum average~~ minimum thickness at any point	600, 1000 V Nylon wall thickness, inch (mm), ~~maximum average~~ minimum thickness at any point
50 – 12	0.0.1 – 2.5	0.004 (0.10)	0.006 (0.15)
11, 10	4.0	0.005 (0.13)	0.006 (0.15)
9, 8	6.0	0.005 (0.13)	0.007 (0.18)
7, 6	10.0	0.007 (0.18)	0.007 (0.18)
5 – 2	16.0 – 25.0	0.008 (0.20)	0.008 (0.20)
1 – 4/0	35.0 – 95.0	0.009 (0.23)	0.009 (0.23)
250 – 500 kcmil	127 – 253	0.010 (0.25)	0.010 (0.25)
501 – 1000 kcmil	279 – 507	0.011 (0.28)	0.011 (0.28)