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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.

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

2311 Wilson Boulevard, Suite 400, Arlington, VA 22201-3001 www.ahrinet.org
Contact: Karl Best; kbest@ahrinet.org

Revision

BSR/AHRI Standard 370-202x, Sound Performance Rating of Large Air-Cooled Outdoor Refrigerating and Air-Conditioning Equipment (revision of ANSI/AHRI Standard 370-2015)

Stakeholders: Groups and individuals known to be, or who have indicated that they are, directly and materially affected by the standard, including manufacturers, testers, regulators, trade or professional organizations, and associations representing consumers.
Project Need: The purpose of this standard is to establish methods for determining the sound ratings of the outdoor portions of factory-made commercial and industrial Large Air-Cooled Outdoor Refrigerating and Air-Conditioning Equipment. It establishes definitions; test requirements; rating requirements; minimum data requirements for Published Ratings; and conformance conditions.
Scope: This standard applies to the air-cooled outdoor portions of factory-made commercial and industrial Large Air-Cooled Outdoor Refrigerating and Air-Conditioning Equipment greater than 40kW cooling capacity.

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

1791 Tullie Circle NE, Atlanta, GA 30329 www.ashrae.org
Contact: Tanisha Meyers-Lisle; tmlisle@ashrae.org

Revision

BSR/ASHRAE Standard 16-202X, Method of Testing for Rating Room Air Conditioners, Packaged Terminal Air Conditioners, and Packaged Terminal Heat Pumps for Cooling and Heating Capacity (revision of ANSI/ASHRAE Standard 16-2016)

Stakeholders: Manufacturers, testing labs, and regulators.
Project Need: Several minor updates have been identified.
Scope: The purpose of this standard is to prescribe test methods for determining the cooling and heating capacity of room air conditioners, packaged terminal air conditioners, and packaged terminal heat pumps. This standard: (a) establishes uniform methods of testing to obtain rating data, (b) specifies test equipment for performing such tests, (c) specifies data required and calculations to be used, and (d) lists and defines the terms used in testing.

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

1791 Tullie Circle NE, Atlanta, GA 30329 www.ashrae.org
Contact: Tanisha Meyers-Lisle; tmlisle@ashrae.org

Revision

BSR/ASHRAE Standard 138-202X, Method of Testing for Rating Ceiling Panels for Sensible Heating and Cooling (revision of ANSI/ASHRAE Standard 138-2013 (R2016))

Stakeholders: Relevant stakeholders include manufacturers, researchers, and engineers.
Project Need: Update the normative references.
Scope: This standard establishes uniform methods of laboratory testing for rating steady-state thermal performance of ceiling panels used in indoor spaces for sensible heating or sensible cooling or both. The objective is to rate ceiling panels under repeatable conditions.

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

1791 Tullie Circle NE, Atlanta, GA 30329 www.ashrae.org
Contact: Tanisha Meyers-Lisle; tmlisle@ashrae.org

Revision

BSR/ASHRAE Standard 194-202X, Method of Test for Direct-Expansion Ground Source Heat Pumps (revision of ANSI/ASHRAE Standard 194-2017)

Stakeholders: Stakeholders likely to be impacted by the standard are product manufacturers of and consumers who purchase Direct Expansion Ground Source Heat Pumps.
Project Need: Direct Expansion Ground Source Heat Pumps are performance verified to AHRI Standard 870.
Scope: This standard applies to factory-assembled unitary heat pumps (that utilize indoor air as energy sink on heating and the energy source on cooling and a refrigerant as the heat transfer medium in the ground) and are used for direct-expansion (DX) ground source systems.

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

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

Revision

BSR/ASSP A10.7-202X, Safety Requirements for Transportation, Storage, Handling and Use of Commercial Explosives and Blasting Agents (revision and redesignation of ANSI/ASSP A10.7-2018)

Stakeholders: Occupational Safety and Health (OSH) Professionals in the Construction and Demolition industry.
Project Need: Based upon the consensus of the ANSI Accredited A10 Committee for Construction and Demolition Operations.
Scope: Provides the construction industry with reasonable minimum recommendations for establishing and maintaining a level of health and safety with regard to the transportation, storage, handling, and use of commercial explosives and blasting agents.

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

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

Revision

BSR/ASSP A10.40-202X, Reduction of Musculoskeletal Problems in Construction (revision and redesignation of ANSI/ASSP A10.40-2007 (R2018))

Stakeholders: Occupational Safety and Health Professionals Working with Musculoskeletal Issues in the Construction and Demolition industry.
Project Need: Based upon the consensus of the ASSP A10 Committee and stakeholders in the construction and demolition industry.
Scope: This standard applies to construction work where there may be risk factors, which could lead to musculoskeletal problems for construction workers. This standard does not apply to office or administrative work performed by construction companies.

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 WK74677-202x, New Specification for Polyethylene of Raised Temperature/Aluminum/Polyethylene of Raised Temperature (PERT/AL/PERT) Composite Pressure Pipe Based on Inner Diameter (ID) for Use in Air Conditioning and Refrigeration Line Set Systems (new standard)

Stakeholders: Composite industry.
Project Need: Multilayer composite PERT/AL/PERT pipes are an alternative to ACR Copper tubes for refrigerant line set applications given the composite pipes price stability, flexibility with ease of installation, and lightweight characteristics. The intent of the proposed standard is to create a specification for PERT/AL/PERT composite pipe for air conditioning and refrigeration line set applications where the product will be ID controlled to match that of ACR Copper Tube so that the flow rate and volume of the pipe remains the same.
Scope: This specification covers a coextruded polyethylene-composite pressure pipe with a butt-welded aluminum tube reinforcement between the inner and outer layers. The inner and outer polyethylene layers are bonded to the aluminum tube by a melt adhesive. Included is a system of nomenclature for the polyethylene-aluminum-polyethylene of raised temperature (PERT/AL/PE-RT) pipes, the requirements and test methods for materials, the dimensions and strengths of the component tubes and finished pipe, adhesion tests, and the burst and sustained pressure performance.

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 WK74713-202x, New Guide for Squeeze-Off of Polyethylene Pressure Pipe and Tubing for Applications other than Natural Gas Distribution (new standard)

Stakeholders: Olefin-Based Pipe industry.
Project Need: Isolation of PE pipes by squeeze-off is not specific to gas distribution piping; it can be applied to other PE piping systems conveying most any liquid or gas.
Scope: Create a guide for using squeeze tools to isolate sections of non-gas distribution solid-wall PE pressure pipe that could convey liquids or gases.

EMAP (Emergency Management Accreditation Program)

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

New Standard

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

Stakeholders: Emergency management and homeland security programs.
Project Need: There is a need for a comprehensive programmatic standards to outline necessary operational components of emergency management and homeland security programs.
Scope: 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.

EMAP (Emergency Management Accreditation Program)

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

New Standard

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

Stakeholders: Urban search & rescue teams.
Project Need: There is a need for comprehensive programmatic standards to outline necessary operational components of urban search and rescue teams.
Scope: 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; establish a base of operations; capabilities demonstration; on-site operations; search operations; rescue operations; victim/survivor management operations; search and rescue operations in a contaminated environment; medical, communications, and task force leader management; planning; logistics; and demobilization. The Standard will not be considered an ISO, IEC, or ISO/IEC JTC-1 Standard.

ESTA (Entertainment Services and Technology Association)

271 Cadman Plaza, P.O. Box 23200, Brooklyn, NY 11202-3200 www.esta.org
Contact: Karl Ruling; standards@esta.org

New Standard

BSR E1.73-202x, Guidelines for the measurement and reporting of luminaire spectral power/absorbance for the entertainment industry (new standard)

Stakeholders: Theatre and studio luminaire manufacturers, lighting control console manufacturers, theatrical lighting designers, motion picture cinematographers, theatre master electricians, motion picture set lighting technicians, equipment suppliers.
Project Need: There is work underway in the entertainment industry by several groups for standards to allow theatrical lighting controllers to manipulate and match colors among spotlights, washlights, cyc lights, and other luminaires, and to communicate this color control information across a lighting control network. These theatrical luminaires may offer color control by additive color mixing, subtractive color mixing, or both in the same luminaire, complicating control and its description.
Scope: This standard would support the automated luminaire color control work being done in the entertainment industry by offering guidance on measurement geometry and methods, units, luminous intensity, or Illuminance with distance reporting; measuring color filter absorbance, and reporting color data.

IEST (Institute of Environmental Sciences and Technology)

1827 Walden Office Square, Suite 400, Schaumburg, IL 60173 www.iest.org
Contact: Jennifer Sklena; jsklena@iest.org

New National Adoption

BSR/IEST/ISO 14644-17-202x, Cleanrooms and associated controlled environments - Part 17: Particle deposition rate applications (identical national adoption of ISO 14644-17)

Stakeholders: Anyone involved in the cleanroom industry including equipment manufacturers and users.
Project Need: The particle deposition rate is an attribute of a cleanroom or clean zone that determines the likely rate of deposition of airborne particles onto cleanroom surfaces, such as product or process area. Using a risk assessment, the acceptable amount of contamination of a vulnerable surface can be defined, and the particle deposition rate can then be obtained that ensures that this amount of contamination is not exceeded. Methods of measuring the particle deposition rate in a cleanroom or clean zone are given in this document. These are used during the operation of the cleanroom to ensure that the required particle deposition rate is obtained, and for monitoring the cleanroom and clean zones to demonstrate continuous control of airborne contamination. Monitoring the particle deposition rate also enables PDR peaks to be correlated with activities so as to detect sources of contamination, and indicate what changes are required to working procedures to reduce the contamination risk.
Scope: This document gives direction on the interpretation and application of the results of the measurement of particle deposition rate on one or more vulnerable surfaces in a cleanroom as part of a contamination control program. It provides some instructions on how to influence the particle deposition rate and reduce the risk of particle contamination on vulnerable surfaces. This document gives information on how a cleanroom user can use the particle deposition rate measurements to determine limits that can be set for macroparticles on vulnerable surfaces. It also gives a risk assessment method by which an acceptable risk of deposition of particles onto vulnerable surfaces in a cleanroom can be established and, when this is not achieved, methods that can be used to reduce the particle deposition rate.

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 4-202x, Standard for Integrated Fire Protection and Life Safety System Testing (revision of ANSI/NFPA 4 -2021)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.
Project Need: Public interest and need.
Scope: The standard shall provide the minimum requirements for testing of integrated fire protection and life safety systems where such testing is required by the design documents, commissioning plan, governing laws, codes, regulations, or standards. These requirements include protocol for testing procedures, responsibilities of various parties, methods and documentation for verifying the operational readiness and sequence of integrated systems. The standard is designed to ensure that interconnected active and passive fire protection and life safety systems operate as intended. It is not the intent of this standard to require implementation of emergency response procedures, evacuation drills, or other exercises that require facility staff or fire department response. However, when integrated systems tests are being conducted, it can be an appropriate opportunity to practice emergency procedures or drills. This standard does not prohibit the owner of the property, building, or individual system or the owner's designated representative from requiring integrated system testing by design or contract documents. For some buildings, the integrated system testing requirements of NFPA 4 can be considered satisfied by performing the acceptance tests and the inspection, testing, and maintenance required by the NFPA standards for the systems in a building. ..

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 18-202x, Standard on Wetting Agents (revision of ANSI/NFPA 18-2021)

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 addresses qualification tests, methods of evaluation, and general rules for application of wetting agents and wetting agent solutions as related to fire control and extinguishment. The addition of a listed wetting agent to water increases the water's penetrating abilities and might also provide emulsifying and foaming characteristics. Wetting agent solutions extend the efficiency of water in protection against fire exposure and the extinguishment of Class A and Class B fires in ordinary combustibles and combustible liquids that are insoluble in water and ordinarily stored at atmospheric temperatures and pressures. In general, wetting agents can be effectively applied and used with fire protection equipment where water is normally used. The degree of efficiency obtained depends on utilization of the most efficient application methods, techniques, and devices for the hazard involved. When water containing a listed wetting agent is applied to a fire, some of the wetting agent can be expected to remain after extinguishment. This residual wetting agent can be effective in reducing the surface tension of water that might subsequently be applied. The volume of wetting agent solution required can vary with each type of system and hazard. If used in a water-based fire suppression system, the standard applicable to that system applies.

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 99-202x, Health Care Facilities Code (revision of ANSI/NFPA 99-2021)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.
Project Need: Public interest and need.
Scope: 1.1 Scope.
1.1.1 The scope of this code is to establish minimum criteria as follows in 1.1.2 through 1.1.13.
1.1.2 Fundamentals. Chapter 4 establishes criteria for levels of health care services or systems based on risk to the patients, staff, or visitors in health care facilities.
1.1.3 Gas and Vacuum Systems.
1.1.3.1 Chapter 5 covers the performance, maintenance, installation, and testing of the following: (1) Nonflammable medical gas systems with operating pressures below a gauge pressure of 2068 kPa (300 psi); (2) Vacuum systems in health care facilities (3) Waste anesthetic gas disposal (WAGD) systems, also referred to as scavenging, (4) Manufactured assemblies that are intended for connection to the medical gas, vacuum, or WAGD systems (also referred to as scavenging).
1.1.3.2 Requirements for portable compressed gas systems are covered in Chapter 11.
1.1.4 Electrical Systems.
1.1.4.1 Chapter 6 covers the performance, maintenance, and testing of electrical systems (both normal and essential) in health care facilities.
1.1.4.2 The following areas are not addressed in this code, but are addressed in other NFPA documents: (1) Specific requirements for wiring and installation of equipment are covered in NFPA 70, National Electrical Code; (2) Requirements for illumination and identification of means…

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 101-202x, Life Safety Code® (revision of ANSI/NFPA 101-2021)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.
Project Need: Public interest and need.
Scope: 1.1 Scope.
A.1.1 The following is a suggested procedure for determining the Code requirements for a building or structure: (1) Determine the occupancy classification by referring to the occupancy definitions in Chapter 6 and the occupancy Chapters 12 through 42. (See 6.1.14 for buildings with more than one use.); (2) Determine if the building or structure is new or existing. (See the definitions in Chapter 3.) (3) Determine the occupant load. (See 7.3.1.) (4) Determine the hazard of contents. (See Section 6.2.) (5) Refer to the applicable occupancy chapter of the Code, Chapters 12 through 42. [See Chapters 1 through 4 and Chapters 6 through 11, as needed, for general information (such as definitions) or as directed by the occupancy chapter.] (6) Determine the occupancy subclassification or special use condition, if any, by referring to Chapters 16 and 17, daycare occupancies; Chapters 18 and 19, health care occupancies; Chapters 22 and 23, detention and correctional occupancies; Chapters 28 and 29, hotels and dormitories; Chapters 32 and 33, residential board and care occupancies; Chapters 36 and 37, mercantile occupancies; and Chapter 40, industrial occupancies, which contain subclassifications or special use definitions. (7) Proceed through the applicable occupancy chapter to …

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 790-202x, Standard for Competency of Third-Party Field Evaluation Bodies (revision of ANSI/NFPA 790 -2021)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.
Project Need: Public interest and need.
Scope: 1.1 Scope.
1.1.1 Establishing Competence.
1.1.1.1 The provisions of this standard shall address requirements for the qualification and competency of a body performing field evaluations on electrical products and assemblies with electrical components.
1.1.1.2 These requirements are based on ISO/IEC Guide 65 and ISO/IEC 17020 with adaptation for the unique characteristics of field evaluations.
1.1.2 Competent FEBs.
1.1.2.1 A field evaluation body (FEB) meeting the requirements of this standard shall be considered competent to perform field evaluations.
1.1.2.2 These requirements shall apply to both the initial and continued competency of FEBs.

PHTA (Pool and Hot Tub Alliance)

2111 Eisenhower Avenue, Alexandria, VA 22314 www.PHTA.org
Contact: Genevieve Lynn; standards@phta.org

Revision

BSR/PHTA/ICC-11-202x, Standard for Water Quality in Public Pools, Spas and Hot Tubs (revision and redesignation of ANSI/APSP/ICC 11-2019)

Stakeholders: Public Pool, Spa, and Hot Tub industry; academia; regulatory agencies; public at large.
Project Need: The standard is intended to meet the need for incorporation into national or regional health codes, and for the adoption by state and/or local municipalities as a local code or ordinance.
Scope: The purpose of this Standard is to provide recommended minimum guidelines for the specifications for water quality parameters in public swimming pools, spas and hot tubs to be used for bathing and operated by an owner, licensee, or concessionaire, regardless of whether a fee is charged for use. This standard provides specifications for water quality parameters, but does not specify the technologies needed to achieve these values.

PHTA (Pool and Hot Tub Alliance)

2111 Eisenhower Avenue, Alexandria, VA 22314 www.PHTA.org
Contact: Genevieve Lynn; standards@phta.org

Revision

BSR/PHTA/ICC/NPC-12-202x, Standard for the Plastering of Swimming Pools, Spas and Hot Tubs (revision, redesignation and consolidation of ANSI/APSP/ICC/NPC 12-2015, ANSI/APSP/ICC/NPC 12, Supplement A-2019)

Stakeholders: Public and Residential Pool, Spa, and Hot Tub industry; regulatory agencies; public at large.
Project Need: Federal, state, local, and international authorities, as well as industry members and consumers, recognize the need for modern, up-to-date standards governing the design, construction, alteration, repair, and maintenance of swimming pools, spas, hot tubs, and aquatic facilities, and other water-containment vessels. The standard is intended to assist state and/or local jurisdictions, national and international regulatory bodies in the development and promulgation of criteria for this purpose. It is also intended for adoption into the International Swimming Pool and Spa Code (ISPSC). This standard will be consolidated with Supplement A to ANSI/APSP/ICC/NPC 12-2016.
Scope: The purpose of this Standard is to provide recommended minimum guidelines for the material and application for the plastering of cementitious finish coatings for public and residential in-ground swimming pools, spas, hot tubs, or other cementitious water-containment vessels.

TIA (Telecommunications Industry Association)

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

New National Adoption

BSR/TIA 492AAAF-A-202x, Detailed specification for class 1a graded-index multimode optical fibers; modification of IEC 60793-2-10:2019 (national adoption of IEC 60793-2-10:2019 with modifications and revision of ANSI/TIA 492AAAF -2020)

Stakeholders: TR-42.1, TR-42.11, TR-42.13, IEC 86B, IEC 86C, ISO/IEC/JTC1/SC25/WG3, end-users, installers, designers of optical fiber cabling systems.
Project Need: Update project.
Scope: Revise the TIA fiber designations in ANSI/TIA 492AAAF per contribution TR42.12-2020-10-007. The modifications may include:
- In Table II of the foreword, modify TIA column heading to ANSI/TIA-492AAAF. Modify all designations to be identical to IEC 60793-2-10:2019 designations and include former TIA document numbers.
- In Table 1 of document, add former TIA document numbers and associated designations in the TIA category/class column. I.e., Ia (ANSI/TIA 492AAAA) and Ia (ANSI/TIA 492AAAB).

TIA (Telecommunications Industry Association)

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

New National Adoption

BSR/TIA 492CAAC-A-202x, Sectional Specification for Class B Single-Mode Optical Fibers (modification of IEC 60793-2 -50 Ed. 6.0:2018) (national adoption of IEC 60793-2-50 Ed. 6.0:2018 with modifications and revision of ANSI/TIA 492CAAC-2020)

Stakeholders: TR-42.1, TR-42.11, TR-42.13, IEC 86B, IEC 86C, ISO/IEC/JTC1/SC25/WG3, end-users, installers, designers of optical fiber cabling systems.
Project Need: Update project.
Scope: Revise the TIA fiber designations in ANSI/TIA 492CAAC per contribution TR42.12-2020-10-007. The modifications may include:
- In Table II of ANSI/TIA foreword, modify TIA column heading to ANSI/TIA 492CAAC and modify all designations to be identical to IEC 60793-2-50 Ed. 6.0:2018 designations.
- In Table 1 TIA category/class column, add original TIA document number to each designation. I.e., IVa (TIA 492CAAA) and IVa (TIA 492CAAB).

TIA (Telecommunications Industry Association)

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

Addenda

BSR/TIA 607-D-1-202x, Generic Telecommunications Bonding and Grounding (Earthing) for Customer Premises - Addendum 1: Harmonization with ANSI/TIA 222 (addenda to ANSI/TIA 607-D-2019)

Stakeholders: Cabling system designers, installers, consultants, architects, MEP firms, manufacturers, cabling systems owners, facilities management organizations, contractors, end users, anyone designing or installing antennas.
Project Need: Update standard.
Scope: This addendum to ANSI/TIA 607-D, Generic Telecommunications Bonding and Grounding (Earthing) for Customer Premises, is to capture changes that will harmonize information, including but not limited to Annex D, Towers and Antennas, with ANSI/TIA 222, Structural Standard for Antenna Supporting Structures, Antennas and Small Wind Turbine Support Structures, when appropriate.

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: December 27, 2020

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

1791 Tullie Circle, NE, Atlanta, GA 30329 p: (678) 539-1214 w: www.ashrae.org

Addenda

BSR/ASHRAE Addendum 55g-202x, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2017)

Addendum g to Standard 55-2017 proposes to make Figure 5.3.2C consistent with the language of Section 5.3.3.1 where both a met condition and clo condition are provided. The original version of the graphic incorrectly only referenced the met condition.

Click here to view these changes in full
Send comments (with optional copy to psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

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

1791 Tullie Circle, NE, Atlanta, GA 30329 p: (678) 539-1214 w: www.ashrae.org

Addenda

BSR/ASHRAE Addendum 55h-202x, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2017)

Addendum h to Standard 55-2017 updates normative references to updated versions of ASHRAE publications and also replaces the normative reference to the ASHRAE Thermal Comfort Tool. The current reference to the ASHRAE Thermal Comfort Tool v2 has not been valid for Standard 55 since the 2010 version of the Standard. In addition to the Thermal Comfort Tool reference changes, normative references to Standards 90.1, 62.1, and 62.2 have been updated to the latest versions. Finally, the references to the ASHRAE Handbook of Fundamentals have been updated to the relevant sections of the most current version of the Handbook and consolidated to a single reference.

Click here to view these changes in full
Send comments (with optional copy to psa@ansi.org) to: Online Comment Database at https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

Comment Deadline: December 27, 2020

FM (FM Approvals)

1151 Boston-Providence Turnpike, Norwood, MA 02062 p: (781) 255-4813 w: www.fmglobal.com

Revision

BSR/FM 4474-202x, Evaluation of Simulated Wind Uplift Resistance of Roof Assemblies Using Static Positive and/or Negative Differential Pressures (revision of ANSI FM 4474-2004 (R2010))

This standard presents a test method for determining and categorizing wind uplift resistance of roof assemblies including the structural deck. The objective of this test is to evaluate the comparative resistance of roof assemblies to positive and/or positive and negative pressures. The test evaluates the deck and roof covers including all components for their method of attachment to each other and to their supports.

Click here to view these changes in full
Send comments (with optional copy to psa@ansi.org) to: Josephine Mahnken; josephine.mahnken@fmapprovals.com

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 p: (734) 418-6660 w: www.nsf.org

Revision

BSR/NSF 46-202x (i37r1), Evaluation of Components and Devices Used in Wastewater Treatment Systems (revision of ANSI/NSF 46-2020)

This wastewater standard is intended for use with components and devices not covered by other NSF wastewater standards. Components and devices covered by this Standard are intended for use with greywater or blackwater or both. Management methods for the end-products of these components and devices are not addressed in this Standard. This Standard shall in no way restrict new system designs, provided that such designs meet the minimum specifications described in this standard.

Click here to view these changes in full
Send comments (with optional copy to psa@ansi.org) to: Jason Snider; jsnider@nsf.org

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 p: (734) 827-6866 w: www.nsf.org

Revision

BSR/NSF 173-202x (i82r4), Dietary Supplements (revision of ANSI/NSF 173-2020)

The purpose of NSF/ANSI 173 is to serve as an evaluation tool for analyzing dietary supplements. Certification to this Standard serves as a communication tool between manufacturers of ingredients and finished product, retailers, healthcare practitioners, and consumers. This Standard provides test methods and evaluation criteria to allow for the determination that a dietary supplement contains the ingredients claimed on the label, either qualitatively or quantitatively, and that it does not contain specific undeclared contaminants. In some instances, validated laboratory methods are not yet available for analyzing certain ingredients. In such cases, new methods will be added to this Standard as they become available.

Click here to view these changes in full
Send comments (with optional copy to psa@ansi.org) to: Rachel Brooker; rbrooker@nsf.org

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 p: (734) 827-6866 w: www.nsf.org

Revision

BSR/NSF 173-202x (i92r1), Dietary Supplements (revision of ANSI/NSF 173-2020)

The purpose of NSF/ANSI 173 is to serve as an evaluation tool for analyzing dietary supplements. Certification to this Standard serves as a communication tool between manufacturers of ingredients and finished product, retailers, healthcare practitioners, and consumers. This Standard provides test methods and evaluation criteria to allow for the determination that a dietary supplement contains the ingredients claimed on the label, either qualitatively or quantitatively, and that it does not contain specific undeclared contaminants. In some instances, validated laboratory methods are not yet available for analyzing certain ingredients. In such cases, new methods will be added to this Standard as they become available.

Click here to view these changes in full
Send comments (with optional copy to psa@ansi.org) to: Rachel Brooker; rbrooker@nsf.org

Comment Deadline: December 27, 2020

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 p: (734) 827-6866 w: www.nsf.org

Revision

BSR/NSF 173-202x (i93r1), Dietary Supplements (revision of ANSI/NSF 173-2020)

The purpose of NSF/ANSI 173 is to serve as an evaluation tool for analyzing dietary supplements. Certification to this Standard serves as a communication tool between manufacturers of ingredients and finished product, retailers, healthcare practitioners, and consumers. This Standard provides test methods and evaluation criteria to allow for the determination that a dietary supplement contains the ingredients claimed on the label, either qualitatively or quantitatively, and that it does not contain specific undeclared contaminants. In some instances, validated laboratory methods are not yet available for analyzing certain ingredients. In such cases, new methods will be added to this Standard as they become available.

Click here to view these changes in full
Send comments (with optional copy to psa@ansi.org) to: Rachel Brooker; rbrooker@nsf.org

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 p: (734) 827-6866 w: www.nsf.org

Revision

BSR/NSF 173-202x (i94r1), Dietary Supplements (revision of ANSI/NSF 173-2020)

The purpose of NSF/ANSI 173 is to serve as an evaluation tool for analyzing dietary supplements. Certification to this Standard serves as a communication tool between manufacturers of ingredients and finished product, retailers, healthcare practitioners, and consumers. This Standard provides test methods and evaluation criteria to allow for the determination that a dietary supplement contains the ingredients claimed on the label, either qualitatively or quantitatively, and that it does not contain specific undeclared contaminants. In some instances, validated laboratory methods are not yet available for analyzing certain ingredients. In such cases, new methods will be added to this Standard as they become available.

Click here to view these changes in full
Send comments (with optional copy to psa@ansi.org) to: Rachel Brooker; rbrooker@nsf.org

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 p: (734) 827-6866 w: www.nsf.org

Revision

BSR/NSF 173-202x (i95r1), Dietary Supplements (revision of ANSI/NSF 173-2020)

The purpose of NSF/ANSI 173 is to serve as an evaluation tool for analyzing dietary supplements. Certification to this Standard serves as a communication tool between manufacturers of ingredients and finished product, retailers, healthcare practitioners, and consumers. This Standard provides test methods and evaluation criteria to allow for the determination that a dietary supplement contains the ingredients claimed on the label, either qualitatively or quantitatively, and that it does not contain specific undeclared contaminants. In some instances, validated laboratory methods are not yet available for analyzing certain ingredients. In such cases, new methods will be added to this Standard as they become available.

Click here to view these changes in full
Send comments (with optional copy to psa@ansi.org) to: Rachel Brooker; rbrooker@nsf.org

UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062 p: (847) 664-1292 w: https://ul.org/

Revision

BSR/UL 498A-202x, Standard for Safety for Current Taps and Adapters (revision of ANSI/UL 498A-2020)

This proposal for UL 498A covers: (1) Revision of Figure 35.1 for Improper Insertion Blades.

Click here to view these changes in full
Send comments (with optional copy to 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: December 27, 2020

UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062-2096 p: (847) 664-1725 w: https://ul.org/

Revision

BSR/UL 2703-202x, Standard for Safety for Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 2703-2019)

This proposal for UL 2703 covers: (1) Clarification to bonding and grounding requirements related to module removal in 9.1 and 9.2; (2) Addition of a new Note 22.1 for clarification of the Bonding Conductor Test

Click here to view these changes in full
Send comments (with optional copy to 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: January 11, 2021

AAFS (American Academy of Forensic Sciences)

410 North 21st Street, Colorado Springs, CO 80904 p: (719) 453-1036 w: www.aafs.org

New Standard

BSR/ASB Std 061-202x, Firearms and Toolmarks 3D Measurement Systems and Measurement Quality Control (new standard)

This document provides requirements for the measurements systems (the instruments and included scan acquisition software) which capture data beyond a flat 2D photographic image for Firearm and Toolmark Analysis; in this document, these systems are referred to as 3D systems. This document provides requirements to ensure the instrument's accuracy, to conduct instrument calibration, and to estimate measurement uncertainty for each axis (X, Y, and Z). Included in the standard are procedures for validation of 3D system hardware. The focus of this standard is on the hardware and resulting measurement data, this standard does not include the requirements for measurement systems software. (Please note that comments on a recirculation will only be accepted on revised sections of a document. Comments made to text not revised from the original public comment period will not be accepted.)

Single copy price: Free
Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: http://www.asbstandardsboard.org/notice-of-standard-development-and-coordination/.
Order from: Document will be provided electronically on AAFS website www.asbstandardsboard.org.
Send comments (with optional copy to psa@ansi.org) to: asb@aafs.org

AMCA (Air Movement and Control Association)

30 West University Drive, Arlington Heights, IL 60004-1893 p: (847) 704-6285 w: www.amca.org

New Standard

BSR/AMCA 214-202x, Test Procedure for Calculating Fan Energy Index for Commercial and Industrial Fans and Blowers (new standard)

The purpose of AMCA Standard 214, Test Procedure for Calculating Fan Energy Index for Commercial and Industrial Fans and Blowers, is to aid federal and state rulemaking efforts to establish energy-efficiency standards for commercial and industrial fans and blowers, providing a consistent method of calculating fan energy index (FEI) across the many different options or circumstances that exist in the fan market (fans sold without motors and drives, fans sold with unregulated motors or regulated motors, etc.).

Single copy price: $45.00 (AMCA members) $90.00 (non-members)
Obtain an electronic copy from: shrutik@amca.org
Order from: Shruti Kohli-Bhargava, 30 West University Drive, Arlington Heights, IL 60004 U.S.A.
Send comments (with optional copy to psa@ansi.org) to: Shruti Kohli-Bhargava; shrutik@amca.org

Comment Deadline: January 11, 2021

ANS (American Nuclear Society)

555 North Kensington Avenue, La Grange Park, IL 60526 p: (708) 579-8268 w: www.ans.org

Reaffirmation

BSR/ANS 57.10-1996 (R202x), Design Criteria for Consolidation of LWR Spent Fuel (reaffirmation of ANSI/ANS 57.10-1996 (R2016))

This standard provides design criteria for the process of consolidating LWR spent nuclear fuel in either a wet or a dry environment. It addresses processes for consolidating fuel either horizontally or vertically. The standard sets forth requirements for utilizing equipment and systems to perform consolidation, handle fuel rods and nonfuel-bearing components, and handle broken fuel rods. This standard also contains requirements for facility or installation interfaces, nuclear safety, structural design, thermal design, accountability, safeguards, decommissioning, and quality assurance. The standard is not concerned with the storage of the spent fuel either before or after the consolidation process. These areas are covered in the following American National Standards: Design Requirements for Light Water Reactor Spent Fuel Facilities at Nuclear Power Plants, ANSI/ANS 57.2-1992; Design Criteria for an Independent Spent Fuel Storage Installation (Water Pool Type), ANSI/ANS 57.7-1992; Design Criteria for an Independent Spent Fuel Storage Installation (Dry Storage Type), ANSI/ANS 57.9-1992.

Single copy price: $149.00
Obtain an electronic copy from: orders@ans.org
Order from: orders@ans.org
Send comments (with optional copy to psa@ansi.org) to: Patricia Schroeder; pschroeder@ans.org

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street NW, Suite 500, Washington, DC 20005 p: (202) 434-8843 w: www.atis.org

Reaffirmation

BSR/ATIS 1000066-2016 (R202x), Emergency Telecommunications Service (ETS) Network Elements Requirements for IMS-Based Next Generation Network (NGN) Phase 2 (reaffirmation of ANSI/ATIS 1000066-2016)

This standard specifies Emergency Telecommunications Service (ETS) requirements for an Evolved Packet System (EPS) consisting of the Evolved UMTS (Universal Mobile Telecommunications System) Terrestrial Radio Access Network (E-UTRAN) and the Evolved Packet Core (EPC) for support of NGN GETS Voice, NGN GETS Video, NGN GETS Guaranteed Bit Rate (GBR) Data, and NGN GETS Data Transport.

Single copy price: $275.00
Obtain an electronic copy from: akarditzas@atis.org
Order from: Anna Karditzas; akarditzas@atis.org
Send comments (with optional copy to psa@ansi.org) to: Same

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street NW, Suite 500, Washington, DC 20005 p: (202) 434-8843 w: www.atis.org

Stabilized Maintenance

BSR/ATIS 0100312.1991 (S202x), Voice Packetization - Packetized Voice Protocol (stabilized maintenance of ANSI/ATIS 0100312-1991 (S2016))

The purpose of this American National Standard is to standardize the protocol for packetized speech, the Packetized Voice Protocol (PVP). PVP defines formats and procedures for the transport of voice information and channel-associated signaling over a packet network. This is to allow vendors to provide compatible equipment for the U.S. marketplace and to permit both exchange and interexchange carriers to operate compatibly.

Single copy price: $220.00
Obtain an electronic copy from: akarditzas@atis.org
Order from: Anna Karditzas; akarditzas@atis.org
Send comments (with optional copy to psa@ansi.org) to: Same

Comment Deadline: January 11, 2021

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street NW, Suite 500, Washington, DC 20005 p: (202) 628-6380 w: www.atis.org

Stabilized Maintenance

BSR/ATIS 0500019-2010 (S202x), Request for Assistance Interface (RFAI) Specification (stabilized maintenance of ANSI/ATIS 0500019-2010 (R2015))

This ATIS Standard defines the Request For Assistance Interface (RFAI) between the Emergency Services Next Generation Network (ES-NGN) and a Public Safety Answering Point (PSAP). Initially, Requests for Assistance are emergency voice calls and RFAI defines the foundation for supporting future types of Requests for Assistance. The RFAI specification may be used by PSAP CPE vendors and Network Equipment Providers that are implementing IP-based solutions as part of the transition and evolution to the Next Generation 9-1-1 emergency services (NG9-1-1).

Single copy price: $275.00
Obtain an electronic copy from: dgreco@atis.org
Send comments (with optional copy to psa@ansi.org) to: Drew Greco; dgreco@atis.org

ATIS (Alliance for Telecommunications Industry Solutions)

1200 G Street NW, Suite 500, Washington, DC 20005 p: (202) 434-8843 w: www.atis.org

Stabilized Maintenance

BSR/ATIS 1000044-2011 (S202x), ATIS Identity Management: Requirements and Use Case Standard (stabilized maintenance of ANSI/ATIS 1000044-2011 (R2016))

This standard provides Identity Management (IdM) example use cases for the Next Generation Network (NGN) and its interfaces. IdM functions and capabilities are used to increase confidence in identity information and support and enhance business and security applications including identity-based services. The requirements provided in this standard are intended for NGN (i.e., managed packet networks) as defined in ATIS 1000018, NGN Architecture [ATIS 1000018] and ITU-T Recommendation Y.2001 [ITU-T Y.2001]. The objectives and requirements in this standard are based on the IdM framework provided in ATIS 1000035, NGN Identity Management Framework [ATIS 1000035], and ITU-T Recommendation Y.2720 [ITU-T Y.2720] and an analysis of use case examples relevant to NGN. The example use cases are informative and are documented in the Appendices of this standard.

Single copy price: $175.00
Obtain an electronic copy from: akarditzas@atis.org
Order from: Anna Karditzas; akarditzas@atis.org
Send comments (with optional copy to psa@ansi.org) to: Same

AWWA (American Water Works Association)

6666 W. Quincy Ave., Denver, CO 80235 p: (303) 347-6178 w: www.awwa.org

Revision

BSR/AWWA C516-202x, Large-Diameter Rubber-Seated Butterfly Valves, Sizes 78 (2000 mm) and Larger (revision of ANSI/AWWA C516-2015)

This standard establishes minimum requirements for rubber-seated butterfly valve assemblies that are 78 in. (2000 mm) diameter and larger with flanged ends suitable for fresh and reclaimed water.

Single copy price: Free
Obtain an electronic copy from: ETSsupport@awwa.org
Order from: Vicki David; vdavid@awwa.org
Send comments (with optional copy to psa@ansi.org) to: Paul Olson; polson@awwa.org

Comment Deadline: January 11, 2021

AWWA (American Water Works Association)

6666 W. Quincy Ave., Denver, CO 80235 p: (303) 347-6178 w: www.awwa.org

Revision

BSR/AWWA D100-202x, Welded Carbon Steel Tanks for Water Storage (revision of ANSI/AWWA D100-2011)

The purpose of this standard is to provide minimum requirements for the design, construction, inspection, and testing of new welded carbon steel tanks for the storage of water at atmospheric pressure.

Single copy price: Free
Obtain an electronic copy from: ETSsupport@awwa.org
Order from: Vicki David; vdavid@awwa.org
Send comments (with optional copy to psa@ansi.org) to: Paul Olson; polson@awwa.org

AWWA (American Water Works Association)

6666 W. Quincy Ave., Denver, CO 80235 p: (303) 347-6178 w: www.awwa.org

Revision

BSR/AWWA D102-202x, Coating Steel Water-Storage Tanks (revision of ANSI/AWWA D102-2017)

This standard describes coating systems for coating and recoating the inside and outside surfaces of steel tanks used for potable water storage in water supply service. Coating systems for bolted steel tanks are not described in this standard (see ANSI/AWWA D103).

Single copy price: Free
Obtain an electronic copy from: ETSsupport@awwa.org
Order from: Vicki David; vdavid@awwa.org
Send comments (with optional copy to psa@ansi.org) to: Paul Olson; polson@awwa.org

BIFMA (Business and Institutional Furniture Manufacturers Association)

678 Front Ave. NW, Grand Rapids, MI 49504 p: (616) 591-9798 w: www.bifma.org

Revision

BSR/BIFMA X5.5-202X, Desk and Table Products (revision of ANSI/BIFMA X5.5-2014)

This standard provides a common basis for evaluating the safety, durability, and structural performance of desk/table products intended for use in commercial office and related institutional environments.

Single copy price: Free
Obtain an electronic copy from: dpanning@bifma.org
Send comments (with optional copy to psa@ansi.org) to: David Panning; dpanning@bifma.org

CSA (CSA America Standards Inc.)

8501 E. Pleasant Valley Road, Cleveland, OH 44131 p: (216) 524-4990 w: www.csagroup.org

Reaffirmation

BSR Z21.57-2010 (R202x), Recreational Vehicle Cooking Gas Appliances (reaffirmation of ANSI Z21.57-2010)

This Standard applies to newly produced compact cooking gas appliances, referred to in this standard as units or appliances; constructed of entirely new, unused parts, and materials; intended for installation in recreational vehicles, including recreational park trailers.

Single copy price: Free
Obtain an electronic copy from: david.zimmerman@csagroup.org
Send comments (with optional copy to psa@ansi.org) to: david.zimmerman@csagroup.org

Comment Deadline: January 11, 2021

CSA (CSA America Standards Inc.)

8501 E. Pleasant Valley Road, Cleveland, OH 44131 p: (216) 524-4990 w: www.csagroup.org

Reaffirmation

BSR Z83.11-2016/CSA 1.8-2016 (R202x), Gas Food Service Equipment (same as CSA 1.8) (reaffirmation of ANSI Z83.11 -2016/CSA 1.8-2016)

This Standard applies to newly produced gas food service equipment providing coverage for ranges and unit broilers, baking and roasting ovens, counter appliances, deep fat fryers, kettles, steam cookers, steam generators, tableside cooking appliances referred to in this standard as either "appliances" constructed entirely of new, unused parts and materials for use in food service centers of commercial, industrial, institutional, and public assembly buildings, or "outdoor appliances" constructed entirely of new, unused parts and materials for outdoor use and/or for installation in either carts or trailers.

Single copy price: Free
Obtain an electronic copy from: david.zimmerman@csagroup.org
Send comments (with optional copy to psa@ansi.org) to: david.zimmerman@csagroup.org

DSI (Dental Standards Institute, Inc.)

109 Bushaway Road, Suite 100, Wayzata, MN 55391 p: (763) 290-0004 w: https://dentalstandardsinstitute.com/

New Standard

BSR/DSI DCNST1.1-202x, Verification and Displaying of Dental Patient Chart Notes (DCN) (new standard)

This Standard seeks to describe the digital visualization to be included in an Electronic Dental Record (EDR) when a dentist or dental care professional writes the Dental Chart Note (DCN) for purposes of documentation of the care of a dental patient. This visualization will alert dental professionals when a DCN is missing or incomplete.

Single copy price: $175.00
Obtain an electronic copy from: dentalstandards@gmail.com
Send comments (with optional copy to psa@ansi.org) to: dentalstandards@gmail.com

ESTA (Entertainment Services and Technology Association)

271 Cadman Plaza, P.O. Box 23200, Brooklyn, NY 11202-3200 p: (212) 244-1505 w: www.esta.org

New Standard

BSR ES1.4-202x, Event Fire Safety Requirements (new standard)

This is one part of the larger ES1.x project. This part is to offer guidance to people planning live events to help them identify and take the steps necessary to establish a reasonable level of life safety and property protection from the hazards of fire, explosion, and dangerous conditions at a live event. This includes looking at measures to avoid fire risks, effective response, planning escape routes, and basic firefighting measures. Further details must be obtained from the local fire and building officials with jurisdiction over the venue.

Single copy price: Free
Obtain an electronic copy from: standards@esta.org
Order from: Karl Ruling; standards@esta.org
Send comments (with optional copy to psa@ansi.org) to: Same

HI (Hydraulic Institute)

6 Campus Drive, Suite 104, Parsippany, NJ 07054-4406 p: (973) 267-9700 1221 w: www.pumps.org

Reaffirmation

BSR/HI 9.6.8-2014 (R202x), Rotodynamic Pumps - Guideline for Dynamics of Pumping Machinery (reaffirmation of ANSI/HI 9.6.8-2014)

This standard describes and recommends the means to appropriately evaluate pumping machinery construction attributes and relevant site characteristics in order to determine the effects of dynamic performance on equipment life and reliability. It describes and recommends various levels of detailed evaluation and validation that are commensurate with the degree of equipment uncertainty and application risk, and provides sample specification language.

Single copy price: $240.00 (Non-Members); $180.00 (HI Members)
Obtain an electronic copy from: esuarez@pumps.org
Send comments (with optional copy to psa@ansi.org) to: Edgar Suarez; esuarez@pumps.org

Comment Deadline: January 11, 2021

HPS (ASC N43) (Health Physics Society)

1313 Dolley Madison Blvd #402, McLean, VA 22101 p: (703) 790-1745 w: www.hps.org

New Standard

BSR N43.16-202x, Radiation Safety for Cargo and Vehicle Security Screening Systems Using X-Ray or Gamma Radiation, Energies up to 10 MeV (new standard)

This standard applies to security screening systems used for non-intrusive inspection of vehicles and cargo containers in which people are not expected to be present. The standard provides guidelines specific to the radiation safety aspects of the design, maintenance, and operation of these systems. It does not include electrical safety guidelines or any other safety, performance, or use considerations outside of the realm of radiation safety. The standard is intended for manufacturers, distributors, installers, and users of the systems.

Single copy price: $50.00
Obtain an electronic copy from: nanjohns@verizon.net
Order from: Nancy Johnson; nanjohns@verizon.net
Send comments (with optional copy to psa@ansi.org) to: Same

HPS (ASC N43) (Health Physics Society)

1313 Dolley Madison Blvd #402, McLean, VA 22101 p: (703) 790-1745 w: www.hps.org

Revision

BSR N43.4-202x, Classification of Radioactive Self-Luminous Light Sources (revision of ANSI N43.4-2013)

This standard establishes the classification of certain radioactive self-luminous light sources according to radionuclide, type of source, activity, and performance requirements. The standard does not attempt to establish design or safety standards, but leaves the design features to the judgment of the supplier and user, provided that the performance requirements are met.

Single copy price: $50.00
Obtain an electronic copy from: nanjohns@verizon.net
Order from: Nancy Johnson; nanjohns@verizon.net
Send comments (with optional copy to psa@ansi.org) to: Same

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

18927 Hickory Creek Drive, Suite 220, Mokena, IL 60448 p: (909) 519-0740 w: www.asse-plumbing.org

Reaffirmation

BSR/ASSE 1018-2002 (R202x), Performance Requirements for Trap Seal Primer Valves - Potable Water Supplied (reaffirmation of ANSI/ASSE 1018-2002)

Devices covered by this standard are designed primarily to supply water to drain traps which have infrequent use and in which water evaporation would allow sewer gas to enter the premises.

Single copy price: $45.00
Obtain an electronic copy from: terry.burger@asse-plumbing.org
Send comments (with optional copy to psa@ansi.org) to: Terry Burger; terry.burger@asse-plumbing.org

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

18927 Hickory Creek Drive, Suite 220, Mokena, IL 60448 p: (909) 519-0740 w: www.asse-plumbing.org

Revision

BSR/ASSE 1019-202x, Performance Requirements for Wall Hydrant with Backflow Protection and Freeze Resistance (revision of ANSI/ASSE 1019-2011 (R2016))

This standards covers Wall Hydrant with Backflow Protection and Freeze Resistance products. The purpose of Wall Hydrant with Backflow Protection and Freeze Resistance is to provide protection of the potable water supply from contamination due to backsiphonage or backpressure and to protect the hydrant from damage due to freezing.

Single copy price: $45.00
Obtain an electronic copy from: terry.burger@asse-plumbing.org
Send comments (with optional copy to psa@ansi.org) to: Terry Burger; terry.burger@asse-plumbing.org

Comment Deadline: January 11, 2021

MHI (ASC MHC) (Material Handling Industry)

8720 Red Oak Boulevard, Suite 201, Charlotte, NC 28217 p: (704) 714-8755 w: www.mhi.org

Revision

BSR MH10.8.2-202X, Data Identifiers (revision of ANSI MH10.8.2-2016)

This document provides a comprehensive dictionary of data identifiers (DIs) and provides for the assignment of new DIs, when required. A DI is a specified character or string of characters that defines the general category or intended use of the data that follows. DIs can be used in automatic identification and data capture (AIDC), Internet of Things (IoT), Blockchain, or other similar applications. DIs described in this document consist of a capital letter (A through Z), optionally preceded by one, two, or three digits (0 through 9). DIs are succeeded by a string of letters, numbers, and/or symbols of a length and composition that can vary from DI to DI, which encode specific information pertinent to the item being encoded.

Single copy price: Free
Obtain an electronic copy from: pdavison@mhi.org
Send comments (with optional copy to psa@ansi.org) to: Patrick Davison; pdavison@mhi.org

MHI (Material Handling Industry)

8720 Red Oak Boulevard, Suite 201, Charlotte, NC 28217 p: (704) 714-8755 w: www.mhi.org

New Standard

BSR MH31.2-202X, Test Method for Crash Testing Industrial Guardrail Barriers and Barrier Posts (new standard)

This standard provides a test method of evaluating performance characteristics for industrial guardrail barriers and barrier posts. Industrial guardrail barriers and barrier posts are commonly utilized within industrial and warehouse environments to safeguard against unwanted interactions with, or provide added protection against potential impacts from, passing industrial vehicle traffic. These devices are typically mounted directly to the ground-level concrete floor slab at a safe distance away from pedestrian aisleways, vital equipment, or critical infrastructure.

Single copy price: Free
Obtain an electronic copy from: pdavison@mhi.org
Send comments (with optional copy to psa@ansi.org) to: Patrick Davison; pdavison@mhi.org

NECA (National Electrical Contractors Association)

1201 Pennsylvania Avenue, Suite 1200, Washington, DC 20004 p: (202) 991-6252 w: www.neca-neis.org

New Standard

BSR/NECA 121-202X, Standard for Installing and Nonmetallic-Sheathed Cable (Type NM) and Underground Branch-Circuit Cable (Type UF) (new standard)

This standard describes installation procedures for nonmetallic-sheathed cable (Type NM) and underground feeder and branch-circuit cable (Type UF).

Single copy price: $25.00 (NECA Members); $55.00 (non-members)
Obtain an electronic copy from: neis@necanet.org
Order from: Aga Golriz; Aga.golriz@necanet.org
Send comments (with optional copy to psa@ansi.org) to: Same

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105-9723 p: (734) 827-5643 w: www.nsf.org

Revision

BSR/NSF 244-202x (i6r1), Supplemental Microbiological Water Treatment Systems - Filtration (revision of ANSI/NSF 244-2019)

The point-of-use (POU) and point-of-entry (POE) systems addressed by this Standard are designed to be used for the supplemental microbial control of specific organisms that may occasionally be present in drinking water (public or private) because of intermittent incursions. Certain of these specific organisms that may be introduced into the drinking water are considered established or potential health hazards. This Standard establishes requirements for POU and POE drinking water treatment systems, and the materials and components used in these systems.

Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/56587/244i6r1%20-%20Clean%20Up%20Ballot%20-%20JC%20memo%20%26%20ballot.pdf
Send comments (with optional copy to psa@ansi.org) to: Monica Leslie; mleslie@nsf.org

Comment Deadline: January 11, 2021

TIA (Telecommunications Industry Association)

1320 North Courthouse Road, Suite 200, Arlington, VA 22201 p: (703) 907-7706 w: www.tiaonline.org

Addenda

BSR/TIA 568.0-E-1-202x, Generic Telecommunications Cabling for Customer Premises - Addendum 1: Balanced Single Twisted-Pair Cabling (addenda to ANSI/TIA 568.1-E-2020)

This Addendum adds balanced single twisted-pair topology, architecture and installation requirements to ANSI/TIA 568.0-E providing guidelines in buildings where 1-pair cabling can be deployed. This Addendum will also provide balanced single twisted-pair cabling guidelines in accordance with ANSI/TIA 568.5 for emerging intelligent building systems (IBS), Internet of things (IoT), and machine-to-machine (M2M) applications that will require higher density, reduced size, and greater flexibility to serve these devices.

Single copy price: $61.00
Obtain an electronic copy from: TIA (standards-process@tiaonline.org)
Order from: TIA (standards-process@tiaonline.org)
Send comments (with optional copy to psa@ansi.org) to: Same

TIA (Telecommunications Industry Association)

1320 North Courthouse Road, Suite 200, Arlington, VA 22201 p: (703) 907-7706 w: www.tiaonline.org

New Standard

BSR/TIA 568.5-202x, Single Balanced Twisted-Pair Cabling and Components Standard (new standard)

A single balanced twisted-pair cabling and components standard to provide specifications for cables, connectors, cords, links, and channels using 1-pair connectivity in non-industrial premises telecommunications networks. The standard will focus on MICE1 environments and will include cabling and component performance requirements and test procedures, reliability requirements and test procedures, as well as guidelines for adaptations to four-pair cabling.

Single copy price: $103.00
Obtain an electronic copy from: TIA (standards-process@tiaonline.org)
Order from: TIA (standards-process@tiaonline.org)
Send comments (with optional copy to psa@ansi.org) to: Same

TIA (Telecommunications Industry Association)

1320 North Courthouse Road, Suite 200, Arlington, VA 22201 p: (703) 907-7706 w: www.tiaonline.org

Revision

BSR/TIA 862-C-202x, Structured Cabling Infrastructure Standard for Intelligent Building Systems (revision and redesignation of ANSI/TIA 862-B-2016)

This Standard specifies requirements for intelligent building system cabling infrastructure including cabling topology, architecture, design and installation practices, test procedures, and components. The cabling infrastructure specified by this Standard is intended to support a wide range of systems, particularly those that utilize or can utilize IP-based infrastructure. This revision will include the contents of Addendum 1 to ANSI/TIA 862-B; modifications needed due to the recent revision of ANSI/TIA 568.0; and the inclusion of single-pair cabling as specified in ANSI/TIA 568.5.

Single copy price: $116.00
Obtain an electronic copy from: TIA (standards-process@tiaonline.org)
Order from: TIA (standards-process@tiaonline.org)
Send comments (with optional copy to psa@ansi.org) to: Same

Comment Deadline: January 11, 2021

UAMA (ASC B74) (Unified Abrasives Manufacturers' Association)

30200 Detroit Road, Cleveland, OH 44145-1967 p: (440) 899-0010 w: www.uama.org

Reaffirmation

BSR B74.3-2003 (R202x), Specifications for Shapes and Sizes of Diamond or CBN Abrasive Products (reaffirmation of ANSI B74.3-2003 (R2014))

This standard details a system to describe the shape of complete diamond or CBN wheels either unitary or built of composite parts and includes mounted wheels and hand hones. It lists, in accordance with the identification system, the size of diamond grinding wheels. Individual segments are not included. For the purpose of this standard, the term “diamond” may be used to mean both diamond and CBN.

Single copy price: $5.00 (UAMA Members); $25.00 (non-members)
Obtain an electronic copy from: djh@wherryassoc.com
Order from: Donna Haders; djh@wherryassoc.com
Send comments (with optional copy to psa@ansi.org) to: Same

UAMA (ASC B74) (Unified Abrasives Manufacturers' Association)

30200 Detroit Road, Cleveland, OH 44145-1967 p: (440) 899-0010 w: www.uama.org

Reaffirmation

BSR B74.16-2002 (R202x), Checking the Size of Diamond and Cubic Boron Nitride Abrasive Grain (reaffirmation of ANSI B74.16 -2002 (R2014))

The purpose of this standard is to establish a common basis for checking the size of diamond and cubic boron nitride (CBN) grain for use in the manufacture of diamond grinding wheels, saws, and other industrial diamond products.

Single copy price: $5.00 (UAMA Members); $28.00 (non-members)
Obtain an electronic copy from: djh@wherryassoc.com
Order from: Donna Haders; djh@wherryassoc.com
Send comments (with optional copy to psa@ansi.org) to: Same

UAMA (ASC B74) (Unified Abrasives Manufacturers' Association)

30200 Detroit Road, Cleveland, OH 44145-1967 p: (440) 899-0010 w: www.uama.org

Reaffirmation

BSR B74.23-2002 (R202x), Measuring Relative Crystal Strengths of Diamond and Cubic Boron Nitride (reaffirmation of ANSI B74.23-2002 (R2014))

The purpose of this standard is to establish an agreed method for checking the relative strengths of diamond and cubic boron nitride (CBN) grains for use in the manufacture of saw blades and other industrial diamond products.

Single copy price: $3.00 (UAMA Members); $14.00 (non-members)
Obtain an electronic copy from: djh@wherryassoc.com
Order from: Donna Haders; djh@wherryassoc.com
Send comments (with optional copy to psa@ansi.org) to: Same

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 p: (919) 549-1053 w: https://ul.org/

Revision

BSR/UL 1441-202X, Standard for Coated Electrical Sleeving (revision of ANSI/UL 1441-2005 (R2018))

(1) Publish an updated new edition which includes references.

Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: http://www.shopulstandards.com
Send comments (with optional copy to 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: January 11, 2021

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 p: (919) 549-1636 w: https://ul.org/

Revision

BSR/UL 1699B-202X, Standard for Safety for Photovoltaic (PV) DC Arc-Fault Circuit Protection (revision of ANSI/UL 1699B -2018a)

(1) Revision to requirements for the self-testing of circuits; (2) Additional set-up figure for the arc-fault detection test; (3) Revision for additional single/dual module test configurations; (4) Clarification of miscellaneous requirements; (5) Revision to annunciation and test methods; (6) Clarification when using array simulators; (7) Test conditions for single and dual module for electronic devices; and (8) Clarification for determining most adverse condition and brute force method for series arc-fault detection tests.

Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: http://www.shopulstandards.com
Send comments (with optional copy to 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: January 26, 2021

ANS (American Nuclear Society)

555 North Kensington Avenue, La Grange Park, IL 60526 p: (708) 579-8268 w: www.ans.org

New Standard

Reaffirmations and withdrawals available electronically may be accessed at: webstore.ansi.org

BSR/ANS 3.14-202x, Process for Infrastructure Aging Management and Life Extension of Non-Reactor Nuclear Facilities (new standard)

This standard addresses requirements for systematically evaluating SSCs for extending the life of nonreactor nuclear facilities. This standard provides a systematic process to determine the scope of the aging management/life extension program in terms of SSCs. For those SSCs, a process for the evaluation of remaining lifetime and determining the need for additional analysis, repairs, inspections, surveillance, testing, and spare part obsolescence will be developed.

Single copy price: $25.00
Obtain an electronic copy from: orders@ans.org
Order from: orders@ans.org
Send comments (with optional copy to psa@ansi.org) to: Patricia Schroeder; pschroeder@ans.org

Withdrawal of Technical Reports Registered with ANSI

Withdrawal of a Technical Report that is registered with ANSI is determined by the responsible ANSI-Accredited Standards Developer. The following Technical Reports are hereby withdrawn in accordance with the Developers own procedures.

ADA (American Dental Association)

211 East Chicago Avenue, Chicago, IL 60611-2678 p: (312) 587-4129 w: www.ada.org

ADA Technical Report No. 1051, DICOM Requirements for Digital Imaging in Institutional Dentistry

Questions may be directed to: Paul Bralower; bralowerp@ada.org

ADA (American Dental Association)

211 East Chicago Avenue, Chicago, IL 60611-2678 p: (312) 587-4129 w: www.ada.org

ADA Technical Report No. 1057, Guidelines for Digital Imaging Systems and Interoperability in Today's Dental Practice

Questions may be directed to: Paul Bralower; bralowerp@ada.org

Withdrawal of Technical Reports Registered with ANSI

ADA (American Dental Association)

211 East Chicago Avenue, Chicago, IL 60611-2678 p: (312) 587-4129 w: www.ada.org

ADA Technical Report No. 1059, Guidelines for the Application of the DICOM Standard to Radiographic Cephalometric Data

Questions may be directed to: Paul Bralower; bralowerp@ada.org

ADA (American Dental Association)

211 East Chicago Avenue, Chicago, IL 60611-2678 p: (312) 587-4129 w: www.ada.org

ADA Technical Report No. 110, Standard Procedures for the Assessment of Laser-Induced Effects on Oral Hard and Soft Tissue

Questions may be directed to: Paul Bralower; bralowerp@ada.org

Project Withdrawn

In accordance with clause 4.2.1.3.3 Discontinuance of a standards project of the ANSI Essential Requirements, an accredited standards developer may abandon the processing of a proposed new or revised American National Standard or portion thereof if it has followed its accredited procedures. The following projects have been withdrawn accordingly:

ASA (ASC S12) (Acoustical Society of America)

1305 Walt Whitman Road, Suite 300, Melville, NY 11747 p: (516) 576-2341 w: www.acousticalsociety.org

BSR/ASA S12.66-202x, Guidelines for Developing a Community Noise Ordinance or Regulation (new standard)

Inquiries may be directed to Nancy Blair-DeLeon; standards@acousticalsociety.org

Final Actions on American National Standards

The standards actions listed below have been approved by the ANSI Board of Standards Review (BSR) or by an ANSI-Audited Designator, as applicable.

AAFS (American Academy of Forensic Sciences)
410 North 21st Street, Colorado Springs, CO 80904 p: (719) 453-1036 w: www.aafs.org

New Standard
ANSI/ASB STD 093-2020, Standard Test Method for the Examination and Testing of Firearms (new standard) Final Action Date: 11/17/2020

AGMA (American Gear Manufacturers Association)
1001 N Fairfax Street, 5th Floor, Alexandria, VA 22314-1587 p: (703) 684-0211 w: www.agma.org

Reaffirmation
ANSI/AGMA 1104-2009 (R2020), Tolerance Specification for Shaper Cutters (reaffirmation of ANSI/AGMA 1104-2009 (R2015)) Final Action Date: 11/19/2020

ANS (American Nuclear Society)
555 North Kensington Avenue, La Grange Park, IL 60526 p: (708) 579-8268 w: www.ans.org

Reaffirmation
ANSI/ANS 2.2-2016 (R2020), Earthquake Instrumentation Criteria for Nuclear Power Plants (reaffirmation of ANSI/ANS 2.2-2016) Final Action Date: 11/16/2020

Reaffirmation
ANSI/ANS 2.23-2016 (R2020), Nuclear Power Plant Response to an Earthquake (reaffirmation of ANSI/ANS 2.23-2016) Final Action Date: 11/16/2020

ASABE (American Society of Agricultural and Biological Engineers)
2950 Niles Road, Saint Joseph, MI 49085 p: (269) 757-1213 w: https://www.asabe.org/

Reaffirmation
ANSI/ASABE AD20966-2007 MAR2016 (R2020), Automatic milking installations - Requirements and testing (reaffirm a national adoption ANSI/ASABE AD20966:2007 MAR2016) Final Action Date: 11/17/2020

Reaffirmation
ANSI/ASABE AD3918-2007 JAN2011 (R2020), Milking machine installations - Vocabulary (reaffirm a national adoption ANSI/ASABE AD3918-2007 JAN2011 (R2016)) Final Action Date: 11/17/2020

Reaffirmation
ANSI/ASABE AD5707-2007 MAR2016 (R2020), Milking machine installations - Construction and performance (reaffirmation and redesignation of ANSI/ASABE AD5707:2007 MAR2016) Final Action Date: 11/17/2020

Reaffirmation
ANSI/ASABE AD6690-2007 JAN2011 (R2020), Milking machine installations - Mechanical tests (reaffirm a national adoption ANSI/ASABE AD6690-2007 JAN2011 (R2015)) Final Action Date: 11/17/2020

ASABE (American Society of Agricultural and Biological Engineers)

2950 Niles Road, Saint Joseph, MI 49085 p: (269) 757-1213 w: https://www.asabe.org/

Reaffirmation

ANSI/ASABE S588.1-NOV16 (R2020), Uniform Terminology for Air Quality (reaffirmation of ANSI/ASABE S588.1-NOV16) Final Action Date: 11/17/2020

Reaffirmation

ANSI/ASABE S592.1-2016 (R2020), Best Management Practices for Boom Spraying (reaffirmation of ANSI/ASABE S592.1-2016) Final Action Date: 11/17/2020

Reaffirmation

ANSI/ASABE S596-2006 (R2020), Recycling Plastic Containers from Pesticides and Pesticide-Related Products (reaffirmation of ANSI/ASABE S596-2006 (R2015)) Final Action Date: 11/17/2020

Reaffirmation

ANSI/ASABE S626-SEPT2016 (R2020), Landscape Irrigation System Uniformity and Application Rate Testing (reaffirmation of ANSI/ASABE S626-SEPT2016) Final Action Date: 11/17/2020

Reaffirmation

ANSI/ASAE EP403.4 FEB2011 (R2020), Design of Anaerobic Lagoons for Animal Waste (reaffirmation of ANSI/ASAE EP403.4-FEB-2011 (R2015)) Final Action Date: 11/17/2020

Reaffirmation

ANSI/ASAE S261.7-OCT96 (R2020), Design and Installation of Nonreinforced Concrete Irrigation Pipe Systems (reaffirmation of ANSI/ASAE S261.7-OCT96 (R2015)) Final Action Date: 11/17/2020

Reaffirmation

ANSI/ASAE S376.3-2016 (R2020), Design, Installation and Performance of Underground, Thermoplastic Irrigation Pipes (reaffirmation of ANSI/ASAE S376.3-2016) Final Action Date: 11/17/2020

ASME (American Society of Mechanical Engineers)

Two Park Avenue, M/S 6-2B, New York, NY 10016-5990 p: (212) 591-8489 w: www.asme.org

Revision

ANSI/ASME B16.34-2020, Valves - Flanged, Threaded, and Welding End (revision of ANSI/ASME B16.34-2017) Final Action Date: 11/13/2020

Revision

ANSI/ASME B16.47-2020, Large Diameter Steel Flanges NPS 26 through NPS 60 Metric/Inch Standard (revision of ANSI/ASME B16.47-2017) Final Action Date: 11/13/2020

Revision

ANSI/ASME B16.48-2020, Line Blanks (revision of ANSI/ASME B16.48-2015) Final Action Date: 11/13/2020

ASSP (Safety) (American Society of Safety Professionals)

520 N. Northwest Highway, Park Ridge, IL 60068 p: (847) 768-3475 w: www.assp.org

Revision

ANSI/ASSP Z359.1-2020, The Fall Protection Code (revision and redesignation of ANSI/ASSE Z359.1 -2016) Final Action Date: 11/19/2020

ASTM (ASTM International)
100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 p: (610) 832-9744 w: www.astm.org

Reaffirmation
ANSI/ASTM F3034-2017 (R2020), Specification for Billets Made by Winding Molten Extruded Stress-Rated High Density Polyethylene (HDPE) (reaffirmation of ANSI/ASTM F3034-2017) Final Action Date: 11/15/2020

BHMA (Builders Hardware Manufacturers Association)
355 Lexington Avenue, 15th Floor, New York, NY 10017-6603 p: (513) 600-2871 w: www.buildershardware.com

Revision
ANSI/BHMA A156.3-2020, Standard for Exit Devices (revision of ANSI/BHMA A156.3-2014) Final Action Date: 11/13/2020

Revision
ANSI/BHMA A156.36-2020, Standard for Auxiliary Locks (revision of ANSI/BHMA A156.36-2016) Final Action Date: 11/13/2020

Revision
ANSI/BHMA A156.39-2020, Standard for Residential Locksets and Latches (revision of ANSI/BHMA A156.39-2015) Final Action Date: 11/13/2020

Revision
ANSI/BHMA A156.40-2020, Standard for Residential Deadbolts (revision of ANSI/BHMA A156.40 -2015) Final Action Date: 11/13/2020

CSA (CSA America Standards Inc.)
8501 E. Pleasant Valley Road, Cleveland, OH 44131 p: (216) 524-4990 w: www.csagroup.org

Reaffirmation
ANSI Z21.75-2016 (R2020), Connectors for outdoor gas appliances and manufactured homes (reaffirmation of ANSI Z21.75-2016) Final Action Date: 11/19/2020

LIA (ASC Z136) (Laser Institute of America)
13501 Ingenuity Drive, Suite 128, Orlando, FL 32826 p: (407) 380-1553 w: www.laserinstitute.org

Revision
ANSI Z136.8-2021, Standard for Safe Use of Lasers in Research, Development or Testing (revision of ANSI Z136.8-2012) Final Action Date: 11/16/2020

PHTA (Pool and Hot Tub Alliance)
2111 Eisenhower Avenue, Alexandria, VA 22314 p: (703) 838-0083 ext 155 w: www.PHTA.org

Revision
ANSI/PHTA/ICC-7-2020, Standard for Suction Entrapment Avoidance in Swimming Pools, Wading Pools, Spas, Hot Tubs and Catch Basins (revision and redesignation of ANSI/APSP 7-2013) Final Action Date: 11/19/2020

SCTE (Society of Cable Telecommunications Engineers)
140 Philips Rd, Exton, PA 19341 p: (800) 542-5040 w: www.scte.org

Revision
ANSI/SCTE 213-2020, Edge and Core Facilities Energy Metrics (revision of ANSI/SCTE 213-2015) Final Action Date: 11/17/2020

UL (Underwriters Laboratories)
47173 Benicia Street, Fremont, CA 94538 p: (510) 319-4271 w: https://ul.org/

Reaffirmation
ANSI/UL 104-2016 (R2020), Standard for Safety for Elevator Door Locking Devices and Contacts (reaffirmation of ANSI/UL 104-2016) Final Action Date: 11/17/2020

Revision
ANSI/UL 521-2020, Standard for Safety for Heat Detectors for Fire Protective Signaling Systems (revision of ANSI/UL 521-2019) Final Action Date: 11/18/2020

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.

AHRI (Air-Conditioning, Heating, and Refrigeration Institute)
2311 Wilson Boulevard, Suite 400, Arlington, VA 22201-3001 p: (703) 293-4887 w: www.ahrinet.org
CONTACT: Karl Best; kbest@ahrinet.org

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

ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
1791 Tullie Circle NE, Atlanta, GA 30329 p: (678) 539-1111 w: www.ashrae.org
CONTACT: Tanisha Meyers-Lisle; tmlisle@ashrae.org

BSR/ASHRAE Standard 16-202X, Method of Testing for Rating Room Air Conditioners, Packaged Terminal Air Conditioners and Packaged Terminal Heat Pumps for Cooling and Heating Capacity (revision of ANSI/ASHRAE Standard 16-2016)

BSR/ASHRAE Standard 138-202X, Method of Testing for Rating Ceiling Panels for Sensible Heating and Cooling (revision of ANSI/ASHRAE Standard 138-2013 (R2016))

BSR/ASHRAE Standard 194-202X, Method of Test for Direct-Expansion Ground Source Heat Pumps (revision of ANSI/ASHRAE Standard 194-2017)

ASSP (ASC A10) (American Society of Safety Professionals)
520 N. Northwest Highway, Park Ridge, IL 60068 p: (847) 768-3411 w: www.assp.org
CONTACT: Tim Fisher; TFisher@ASSP.org

BSR/ASSP A10.7-202X, Safety Requirements for Transportation, Storage, Handling and Use of Commercial Explosives and Blasting Agents (revision and redesignation of ANSI/ASSP A10.7-2018)

BSR/ASSP A10.40-202X, Reduction of Musculoskeletal Problems in Construction (revision and redesignation of ANSI/ASSP A10.40-2007 (R2018))

MHI (ASC MHC) (Material Handling Industry)
8720 Red Oak Boulevard, Suite 201, Charlotte, NC 28217 p: (704) 714-8755 w: www.mhi.org
CONTACT: Patrick Davison; pdavison@mhi.org

BSR MH10.8.2-202X, Data Identifiers (revision of ANSI MH10.8.2-2016)

NECA (National Electrical Contractors Association)
1201 Pennsylvania Avenue, Suite 1200, Washington, DC 20004 p: (202) 991-6252 w: www.neca-neis.org
CONTACT: Aga Golriz; Aga.golriz@necanet.org

BSR/NECA 121-202X, Standard for Installing and Nonmetallic-Sheathed Cable (Type NM) and Underground Branch-Circuit Cable (Type UF) (new standard)

NSF (NSF International)
789 N. Dixboro Road, Ann Arbor, MI 48105-9723 p: (734) 418-6660 w: www.nsf.org
CONTACT: Jason Snider; jsnider@nsf.org

BSR/NSF 46-202x (i37r1), Evaluation of Components and Devices Used in Wastewater Treatment Systems (revision of ANSI/NSF 46-2020)

NSF (NSF International)
789 N. Dixboro Road, Ann Arbor, MI 48105-9723 p: (734) 827-5643 w: www.nsf.org

NSF (NSF International)
789 N. Dixboro Road, Ann Arbor, MI 48105-9723 p: (734) 827-5643 w: www.nsf.org
CONTACT: Monica Leslie; mleslie@nsf.org

BSR/NSF 244-202x (i6r1), Supplemental Microbiological Water Treatment Systems - Filtration (revision of ANSI/NSF 244-2019)

NSF (NSF International)
789 N. Dixboro Road, Ann Arbor, MI 48105-9723 p: (734) 827-6866 w: www.nsf.org
CONTACT: Rachel Brooker; rbrooker@nsf.org

BSR/NSF 173-202x (i82r4), Dietary Supplements (revision of ANSI/NSF 173-2020)

BSR/NSF 173-202x (i92r1), Dietary Supplements (revision of ANSI/NSF 173-2020)

BSR/NSF 173-202x (i93r1), Dietary Supplements (revision of ANSI/NSF 173-2020)

BSR/NSF 173-202x (i94r1), Dietary Supplements (revision of ANSI/NSF 173-2020)

BSR/NSF 173-202x (i95r1), Dietary Supplements (revision of ANSI/NSF 173-2020)

TIA (Telecommunications Industry Association)
1320 North Courthouse Road, Suite 200, Arlington, VA 22201 p: (703) 907-7706 w: www.tiaonline.org
CONTACT: Teesha Jenkins; standards-process@tiaonline.org

BSR/TIA 492AAAF-A-202x, Detailed specification for class 1a graded-index multimode optical fibers (modification of IEC 60793-2-10:2019) (national adoption of IEC 60793-2-10:2019 with modifications and revision of ANSI/TIA 492AAAF-2020)

BSR/TIA 492CAAC-A-202x, Sectional Specification for Class B Single-Mode Optical Fibers (modification of IEC 60793-2-50 Ed. 6.0:2018) (national adoption of IEC 60793-2-50 Ed. 6.0:2018 with modifications and revision of ANSI/TIA 492CAAC-2020)

BSR/TIA 568.0-E-1-202x, Generic Telecommunications Cabling for Customer Premises - Addendum 1: Balanced Single Twisted-Pair Cabling (addenda to ANSI/TIA 568.0-E-1-202x)

BSR/TIA 568.5-202x, Single balanced twisted-pair cabling and components standard (new standard)

BSR/TIA 607-D-1-202x, Generic Telecommunications Bonding and Grounding (Earthing) for Customer Premises - Addendum 1: Harmonization with ANSI/TIA 222 (addenda to ANSI/TIA 607-D -2019)

BSR/TIA 862-C-202x, Structured Cabling Infrastructure Standard for Intelligent Building Systems (revision and redesignation of ANSI/TIA 862-B-2016)

UAMA (ASC B74) (Unified Abrasives Manufacturers' Association)
30200 Detroit Road, Cleveland, OH 44145-1967 p: (440) 899-0010 w: www.uama.org
CONTACT: Donna Haders; djh@wherryassoc.com

BSR B74.3-2003 (R202x), Specifications for Shapes and Sizes of Diamond or CBN Abrasive Products (reaffirmation of ANSI B74.3-2003 (R2014))

BSR B74.16-2002 (R202x), Checking the Size of Diamond and Cubic Boron Nitride Abrasive Grain (reaffirmation of ANSI B74.16-2002 (R2014))

UAMA (ASC B74) (Unified Abrasives Manufacturers' Association)

30200 Detroit Road, Cleveland, OH 44145-1967 p: (440) 899-0010 w: www.uama.org

BSR B74.23-2002 (R202x), Measuring Relative Crystal Strengths of Diamond and Cubic Boron Nitride (reaffirmation of ANSI B74.23-2002 (R2014))

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.

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

LES (Licensing Executives Society (U.S. and Canada))

The LES (Licensing Executives Society (U.S. and Canada)) is soliciting volunteers for the Consensus Body Partnership (CSP) to vote on our first proposed Intellectual Property Standard, Intellectual Property in the Supply Chain. There will be additional Standards for the CSP to vote on in 2021. Any interested parties are invited to join the CSP by applying for a CSP membership: https://members.lesusacanada.org/page/lesstandards.

Please download the membership form: https://cdn.ymaws.com/members.lesusacanada.org/resource/resmgr/docs/standards/les_standards_membership_enr.pdf.

The annual cost for joining the CSP is $250. Voting will commence in January 2021. Be a part of creating a first proposed American National Standard on IP protection in the Supply Chain! If you have any questions, please contact Craig Moss at (203) 221-1843 or craig.moss@ethisphere.com, Nicole Galli Nicole Galli at (215) -525-9583 or ndgalli@ndgallilaw.com or Susan Houchins at Licensing Executive Society (703)-234-4059 or shouchins@virtualinc.com. Join us today!

Call for Members (ANS Consensus Bodies)

ANSI Accredited Standards Developer

Licensing Executive Society Standards Development Organization (LES)

The Licensing Executive Society Standards Development Organization (LES SDO) is soliciting volunteers for the Consensus Body Partnership (CSP) to vote on our first proposed Intellectual Property Standard, Intellectual Property in the Supply Chain. There will be additional Standards for the CSP to vote on in 2021. Any interested parties are invited to join the CSP by applying for a CSP membership: https://members.lesusacanada.org/page/lesstandards. Please download the membership form: https://cdn.ymaws.com/members.lesusacanada.org/resource/resmgr/docs/standards/les_standards_membership_enr.pdf. The annual cost for joining the CSP is $250. Voting will commence in January 2021. Be a part of creating a first proposed American National Standard on IP protection in the Supply Chain! If you have any questions, please contact Craig Moss at (203) 221-1843 or craig.moss@ethisphere.com, Nicole Galli Nicole Galli at (215) -525-9583 or ndgalli@ndgallilaw.com or Susan Houchins at Licensing Executive Society (703)-234-4059 or shouchins@virtualinc.com. Join us today!

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.

Accreditation Announcements (Standards Developers)

Approval of Reaccreditation – ASD

IEEE (Institute of Electrical and Electronics Engineers)

ANSI's Executive Standards Council has approved the reaccreditation of IEEE – The Institute of Electrical and Electronics Engineers, an ANSI Member and Accredited Standards Developer, under its revised November 2019 IEEE-SA Standards Board Operating Manual and IEEE-SA Standards Board Bylaws (including the March 2020 version of the IEEE Annex containing Procedural Requirements for the Submittal of IEEE Standards to ANSI for documenting consensus on IEEE-sponsored American National Standards), effective November 20, 2020. For additional information, please contact: Mr. David Ringle, Director, IEEE-SA Governance, 445 Hoes Lane, Piscataway, NJ 08854-4141; phone: 732.562.3806; email: d.ringle@ieee.org

Withdrawal of ASD Accreditation

ISNA (Islamic Society of North America)

Effective November 23, 2020

The Islamic Society of North America (ISNA) has requested the formal withdrawal of its accreditation as a developer of American National Standards (ANS). ISNA currently maintains no American National Standards.
This action is taken effective November 23, 2020. For additional information, please contact: Mr. Basharat Saleem, CEO, Islamic Society of North America, 6555 S. County Road 750E, Plainfield, IN 46168; phone: 317.839.1808; email: basharat.saleem@isna.net

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 Contacts

The addresses listed in this section are to be used in conjunction with standards listed in PINS, Call for Comment 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 Standards Action Editor at standact@ansi.org.

AAFS
American Academy of Forensic Sciences
410 North 21st Street
Colorado Springs, CO 80904
p: (719) 453-1036
www.aafs.org

AGMA
American Gear Manufacturers Association
1001 N Fairfax Street
5th Floor
Alexandria, VA 22314-1587
p: (703) 684-0211
www.agma.org

AHRI
Air-Conditioning, Heating, and Refrigeration Institute
2311 Wilson Boulevard
Suite 400
Arlington, VA 22201-3001
p: (703) 293-4887
www.ahrinet.org

AMCA
Air Movement and Control Association
30 West University Drive
Arlington Heights, IL 60004-1893
p: (847) 704-6285
www.amca.org

ANS
American Nuclear Society
555 North Kensington Avenue
La Grange Park, IL 60526
p: (708) 579-8268
www.ans.org

ASABE
American Society of Agricultural and Biological Engineers
2950 Niles Road
Saint Joseph, MI 49085
p: (269) 757-1213
https://www.asabe.org/

ASHRAE
American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
1791 Tullie Circle NE
Atlanta, GA 30329
p: (678) 539-1111
www.ashrae.org

ASME
American Society of Mechanical Engineers
Two Park Avenue
M/S 6-2B
New York, NY 10016-5990
p: (212) 591-8489
www.asme.org

ASSP (Safety)
American Society of Safety Professionals
520 N. Northwest Highway
Park Ridge, IL 60068
p: (847) 768-3411
www.assp.org

ASTM
ASTM International
100 Barr Harbor Drive
West Conshohocken, PA 19428 -2959
p: (610) 832-9744
www.astm.org

ATIS
Alliance for Telecommunications Industry Solutions
1200 G Street NW
Suite 500
Washington, DC 20005
p: (202) 434-8843
www.atis.org

AWWA
American Water Works Association
6666 W. Quincy Ave.
Denver, CO 80235
p: (303) 347-6178
www.awwa.org

BHMA
Builders Hardware Manufacturers Association
355 Lexington Avenue, 15th Floor
New York, NY 10017-6603
p: (513) 600-2871
www.buildershardware.com

BIFMA
Business and Institutional Furniture Manufacturers Association
678 Front Ave. NW
Grand Rapids, MI 49504
p: (616) 591-9798
www.bifma.org

CSA
CSA America Standards Inc.
8501 E. Pleasant Valley Road
Cleveland, OH 44131
p: (216) 524-4990
www.csagroup.org

DSI
Dental Standards Institute, Inc.
109 Bushaway Road
Suite 100
Wayzata, MN 55391
p: (763) 290-0004
https://dentalstandardsinstitute.com/

EMAP
Emergency Management Accreditation Program
201 Park Washington Court
Falls Church, VA 22046-4527
p: (859) 351-2350
www.emap.org

ESTA
Entertainment Services and Technology Association
271 Cadman Plaza
P.O. Box 23200
Brooklyn, NY 11202-3200
p: (212) 244-1505
www.esta.org

FM
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062
p: (781) 255-4813
www.fmglobal.com

HI
Hydraulic Institute
6 Campus Drive
Suite 104
Parsippany, NJ 07054-4406
p: (973) 267-9700 1221
www.pumps.org

HPS (ASC N43)
Health Physics Society
1313 Dolley Madison Blvd #402
McLean, VA 22101
p: (703) 790-1745
www.hps.org

IAPMO (ASSE Chapter)
ASSE International Chapter of IAPMO
18927 Hickory Creek Drive
Suite 220
Mokena, IL 60448
p: (909) 519-0740
www.asse-plumbing.org

IEST
Institute of Environmental Sciences and Technology
1827 Walden Office Square
Suite 400
Schaumburg, IL 60173
p: (847) 981-0100
www.iest.org

LIA (ASC Z136)
Laser Institute of America
13501 Ingenuity Drive, Suite 128
Orlando, FL 32826
p: (407) 380-1553
www.laserinstitute.org

MHI
Material Handling Industry
8720 Red Oak Boulevard
Suite 201
Charlotte, NC 28217
p: (704) 714-8755
www.mhi.org

MHI (ASC MHC)
Material Handling Industry
8720 Red Oak Boulevard
Suite 201
Charlotte, NC 28217
p: (704) 714-8755
www.mhi.org

NECA
National Electrical Contractors Association
1201 Pennsylvania Avenue
Suite 1200
Washington, DC 20004
p: (202) 991-6252
www.neca-neis.org

NFPA
National Fire Protection Association
One Batterymarch Park
Quincy, MA 02169
p: (617) 984-7246
www.nfpa.org

NSF
NSF International
789 N. Dixboro Road
Ann Arbor, MI 48105-9723
p: (734) 827-6866
www.nsf.org

PHTA
Pool and Hot Tub Alliance
2111 Eisenhower Avenue
Alexandria, VA 22314
p: (703) 838-0083 ext 155
www.PHTA.org

SCTE
Society of Cable Telecommunications Engineers
140 Philips Rd
Exton, PA 19341
p: (800) 542-5040
www.scte.org

TIA
Telecommunications Industry Association
1320 North Courthouse Road
Suite 200
Arlington, VA 22201
p: (703) 907-7706
www.tiaonline.org

UAMA (ASC B74)
Unified Abrasives Manufacturers' Association
30200 Detroit Road
Cleveland, OH 44145-1967
p: (440) 899-0010
www.uama.org

UL
Underwriters Laboratories
12 Laboratory Drive
Research Triangle Park, NC 27709
-3995
p: (919) 549-1053
https://ul.org/

ISO Draft International Standards

This section lists proposed standards that the International Organization for Standardization (ISO) is 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 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. The final date for offering comments is listed after each draft.

ORDERING INSTRUCTIONS

ISO Drafts can be made available by contacting ANSI's Customer Service department. Please e-mail your request for an ISO 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.

AGEING SOCIETIES (TC 314)

ISO/DIS 23623, Ageing Societies - Framework for Dementia-inclusive communities - 2/4/2021, $107.00

FIREWORKS (TC 264)

ISO/DIS 22863-11, Fireworks - Test methods for determination of specific chemical substances - Part 11: Phosphorus content by Inductively Coupled Plasma Optical Emission Spectrometry (ICP-OES) - 2/5/2021, $33.00

ISO/DIS 22863-12, Fireworks - Test methods for determination of specific chemical substances - Part 12: Picrates and picric acid by high performance liquid chromatography - 2/5/2021, $40.00

GEOTECHNICS (TC 182)

ISO 17892-12/DAmd1, Geotechnical investigation and testing - Laboratory testing of soil - Part 12: Determination of liquid and plastic limits - Amendment 1 - 2/4/2021, $29.00

HUMAN RESOURCE MANAGEMENT (TC 260)

ISO/DIS 30422, Human Resource Management - Learning and development - 2/4/2021, $67.00

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

ISO/DIS 10423, Petroleum and natural gas industries - Drilling and production equipment - Wellhead and tree equipment - 2/5/2021, $29.00

METALLIC AND OTHER INORGANIC COATINGS (TC 107)

ISO/DIS 24284, Metallic coatings - Corrosion test method for decorative chrome plating under de-icing salt environment - 2/5/2021, $46.00

NON-DESTRUCTIVE TESTING (TC 135)

ISO/DIS 9712, Non-destructive testing - Qualification and certification of NDT personnel - 2/4/2021, $112.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO/DIS 23616, Cleaning, inspection and repair of firefighters personal protective equipment (PPE) - 2/5/2021, $107.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO/DIS 4259-4, Petroleum and related products - Precision of measurement methods and results - Part 4: Use of Statistical Control Charts to validate in-statistical-control status for the execution of a standard test method in a single laboratory - 2/5/2021, $98.00

SMALL TOOLS (TC 29)

ISO/DIS 6344-2, Coated abrasives - Determination and designation of grain size distribution - Part 2: Macrogrit sizes P12 to P220 - 2/4/2021, $58.00

ISO/DIS 6344-3, Coated abrasives - Determination and designation of grain size distribution - Part 3: Microgrit sizes P240 to P5000 - 2/4/2021, $82.00

TEXTILES (TC 38)

ISO/DIS 24281, Textiles - Biaxial tensile properties of woven fabric - Determination of maximum force and elongation at maximum force using the grab method - 2/5/2021, $53.00

WATER QUALITY (TC 147)

ISO/DIS 23695, Water quality - Determination of ammonium nitrogen in water - Small-scale sealed tube method - 2/4/2021, $53.00

ISO/DIS 23696-2, Water quality - Determination of nitrate in water using small-scale sealed tubes - Part 2: Chromotropic acid based method - 2/4/2021, $40.00

ISO/DIS 23697-1, Water quality - Determination of total nitrogen (TNb) in water using small-scale sealed tubes - Part 1: Dimethylphenol based method - 2/4/2021, $46.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 23008-1/DAmd2, Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 1: MPEG media transport (MMT) - Amendment 2: Carriage of EVC in MMT - 2/4/2021, $29.00

ISO/IEC DIS 23091-2, Information technology - Coding-independent code points - Part 2: Video - 2/4/2021, $98.00

ISO/IEC DIS 19763-16, Information technology - Metamodel framework for interoperability (MFI) - Part 16: Metamodel for document model registration - 2/4/2021, $134.00

ISO/IEC DIS 29110-6-1, Systems and software engineering - Lifecycle profiles for Very Small Entities (VSEs) - Part 6-1: Software engineering - Specific Space Profile Specifications - 2/11/2021, $102.00

Newly Published ISO & IEC Standards

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

ISO Standards

ADDITIVE MANUFACTURING (TC 261)

ISO/ASTM 52941:2020, Additive manufacturing - System performance and reliability - Acceptance tests for laser metal powder-bed fusion machines for metallic materials for aerospace application, $68.00

AIR QUALITY (TC 146)

ISO 21741:2020, Stationary source emissions - Sampling and determination of mercury compounds in flue gas using gold amalgamation trap, $162.00

ISO 16000-28:2020, Indoor air - Part 28: Determination of odour emissions from building products using test chambers, $162.00

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

ISO 80601-2-70:2020, Medical electrical equipment - Part 2-70: Particular requirements for the basic safety and essential performance of sleep apnoea breathing therapy equipment, $209.00

BIOTECHNOLOGY (TC 276)

ISO 21709:2020, Biotechnology - Biobanking - Process and quality requirements for establishment, maintenance and characterization of mammalian cell lines, $138.00

DOCUMENT IMAGING APPLICATIONS (TC 171)

ISO 19005-4:2020, Document management - Electronic document file format for long-term preservation - Part 4: Use of ISO 32000-2 (PDF/A-4), $162.00

FERROUS METAL PIPES AND METALLIC FITTINGS (TC 5)

ISO 21051:2020, Construction and installation of ductile iron pipeline system, $209.00

FIRE SAFETY (TC 92)

ISO 20414:2020, Fire safety engineering - Verification and validation protocol for building fire evacuation models, $209.00

FLUID POWER SYSTEMS (TC 131)

ISO 11171:2020, Hydraulic fluid power - Calibration of automatic particle counters for liquids, $209.00

GRAPHICAL SYMBOLS (TC 145)

ISO 7010/Amd2:2020, Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 2, $19.00

MACHINE TOOLS (TC 39)

ISO 230-3:2020, Test code for machine tools - Part 3: Determination of thermal effects, $185.00

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

ISO 15156-1:2020, Petroleum and natural gas industries - Materials for use in H2S-containing environments in oil and gas production - Part 1: General principles for selection of cracking-resistant materials, $68.00

ISO 15156-2:2020, Petroleum and natural gas industries - Materials for use in H2S-containing environments in oil and gas production - Part 2: Cracking-resistant carbon and low-alloy steels, and the use of cast irons, $185.00

ISO 15156-3:2020, Petroleum and natural gas industries - Materials for use in H2S-containing environments in oil and gas production - Part 3: Cracking-resistant CRAs (corrosion-resistant alloys) and other alloys, $209.00

NON-DESTRUCTIVE TESTING (TC 135)

ISO 22290:2020, Non-destructive testing - Infrared thermographic testing - General principles for thermoelastic stress measuring method, $68.00

ISO 23243:2020, Non-destructive testing - Ultrasonic testing with arrays - Vocabulary, $45.00

NUCLEAR ENERGY (TC 85)

ISO 7195:2020, Nuclear energy - Packagings for the transport of uranium hexafluoride (UF6), $232.00

SECURITY (TC 292)

ISO 22328-1:2020, Security and resilience - Emergency management - Part 1: General guidelines for the implementation of a community-based disaster early warning system, $103.00

WATER QUALITY (TC 147)

ISO 21863:2020, Water quality - Determination of alkylmercury compounds in water - Method using gas chromatography-mass spectrometry (GC-MS) after phenylation and solvent extraction, $138.00

ISO Technical Reports

ACOUSTICS (TC 43)

ISO/TR 17534-4:2020, Acoustics - Software for the calculation of sound outdoors - Part 4: Recommendations for a quality assured implementation of the COMMISSION DIRECTIVE (EU) 2015/996 in software according to ISO 17534-1, $232.00

ISO Technical Specifications

GRAPHIC TECHNOLOGY (TC 130)

ISO/TS 18621-21:2020, Graphic technology - Image quality evaluation methods for printed matter - Part 21: Measurement of 1D distortions of macroscopic uniformity utilizing scanning spectrophotometers, $68.00

NANOTECHNOLOGIES (TC 229)

ISO/TS 80004-3:2020, Nanotechnologies - Vocabulary - Part 3: Carbon nano-objects, $45.00

ISO/TS 80004-8:2020, Nanotechnologies - Vocabulary - Part 8: Nanomanufacturing processes, $45.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 30144:2020, Information technology - Sensor network system architecture for power substations, FREE

IEC Standards

ELECTRIC ROAD VEHICLES AND ELECTRIC INDUSTRIAL TRUCKS (TC 69)

IEC 61980-1 Ed. 2.0 b:2020, Electric vehicle wireless power transfer (WPT) systems - Part 1: General requirements, $281.00

ELECTRICAL ACCESSORIES (TC 23)

IEC 62873-3-1 Ed. 2.0 en:2020, Residual current operated circuit-breakers for household and similar use - Part 3-1: Particular requirements for devices with screwless-type terminals for external copper conductors, $82.00

IEC 62873-3-2 Ed. 2.0 en:2020, Residual current operated circuit-breakers for household and similar use - Part 3-2: Particular requirements for devices with flat quick-connect terminations, $82.00

S+ IEC 62873-3-1 Ed. 2.0 en:2020 (Redline version), Residual current operated circuit-breakers for household and similar use - Part 3-1: Particular requirements for devices with screwless-type terminals for external copper conductors, $107.00

S+ IEC 62873-3-2 Ed. 2.0 en:2020 (Redline version), Residual current operated circuit-breakers for household and similar use - Part 3-2: Particular requirements for devices with flat quick-connect terminations, $107.00

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

IEC 62769-101-1 Ed. 2.0 b:2020, Field device Integration (FDI) - Part 101-1: Profiles - Foundation Fieldbus H1, $235.00

IEC 62769-101-2 Ed. 2.0 b:2020, Field Device Integration (FDI) - Part 101-2: Profiles - Foundation Fieldbus HSE, $199.00

S+ IEC 62769-101-1 Ed. 2.0 en:2020 (Redline version), Field device Integration (FDI) - Part 101-1: Profiles - Foundation Fieldbus H1, $305.00

S+ IEC 62769-101-2 Ed. 2.0 en:2020 (Redline version), Field Device Integration (FDI) - Part 101-2: Profiles - Foundation Fieldbus HSE, $259.00

WINDING WIRES (TC 55)

IEC 60172 Ed. 5.0 b:2020, Test procedure for the determination of the temperature index of enamelled and tape wrapped winding wires, $164.00

S+ IEC 60172 Ed. 5.0 en:2020 (Redline version), Test procedure for the determination of the temperature index of enamelled and tape wrapped winding wires, $213.00

IEC Technical Specifications

ROTATING MACHINERY (TC 2)

IEC/TS 60034-34 Ed. 1.0 en:2020, Rotating electrical machines - Part 34: AC adjustable speed rolling mill motors, $352.00

SOLAR PHOTOVOLTAIC ENERGY SYSTEMS (TC 82)

IEC/TS 63106-1 Ed. 1.0 en:2020, Simulators used for testing of photovoltaic power conversion equipment - Recommendations - Part 1: AC power simulators, $235.00

International Organization for Standardization (ISO)

Call for Comment on ISO Standard

ISO 26000 - Guidance on Social Responibility Activity

Comment Deadline: January 29, 2021

ISO standard ISO 26000, Guidance on social responsibility, has been circulated to ISO members for its systematic review to determine whether the standard should be revised, reconfirmed, or withdrawn.

ISO 26000, last confirmed in November 2010, is intended to help organizations effectively assess and address social responsibilities that are relevant and significant to their mission and vision; operations and processes; customers, employees, communities, and other stakeholders; and environmental impact. ISO 26000 provides detailed guidance for organizations that are willing to implement the OECD Guidelines but is not meant for ISO certification.

ANSI is seeking U.S. Stakeholders' input on ISO 26000 to help ANSI determine if ANSI should vote revise, reconfirm as is, or withdraw the standard. Anyone wishing to review ISO 26000 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, January 29, 2021.

Call for International (ISO) Secretariat

ISO TC 104 - Freight Containers

Reply Deadline: November 30, 2020

Currently, the U.S. holds a leadership position as Secretariat of ISO/TC 104 – Freight Containers. ANSI directly administers the Secretariat for ISO TC 104 with the support of MHI. MHI has advised ANSI to relinquish its role as Secretariat for this committee.
ISO/TC 104 operates under the following scope:
Standardization of freight containers, having an external volume of one cubic meter (35.3 cubic feet) and greater, as regards terminology, classification, dimensions, specifications, handling, test methods and marking.

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated Secretariat for ISO/TC 104. Alternatively, ANSI may be assigned the responsibility for administering an ISO Secretariat. Any request that ANSI accept the direct administration of an ISO Secretariat shall demonstrate that:

1. The affected interests have made a financial commitment for not less than three years covering all defined costs incurred by ANSI associated with holding the Secretariat;
2. The affected technical sector, organizations or companies desiring that the U.S. hold the Secretariat request that ANSI perform this function;
3. The relevant U.S. TAG has been consulted with regard to ANSI's potential role as Secretariat; and
4. ANSI is able to fulfill the requirements of a Secretariat.

If no U.S. organization steps forward to assume the ISO/TC 104 Secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity by January 1, 2021, then ANSI will inform the ISO Central Secretariat that the U.S. will relinquish its leadership of the committee. This will allow ISO to solicit offers from other countries interested in assuming the Secretariat role.

Information concerning the United States retaining the role of international Secretariat may be obtained by contacting ANSI's ISO Team (isot@ansi.org).

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO/TC 113/SC 5 – Hydrometry: Instruments, equipment and data management

Reply Deadline: November 27, 2020

Currently, the U.S. holds a leadership position as Secretariat of ISO/TC 113/SC 5 – Instruments, equipment and data management. ANSI has delegated the responsibility for the administration of the Secretariat for ISO/TC 113/SC 5 to the United States Geological Survey (USGS). USGS has advised ANSI of its intent to relinquish its role as delegated Secretariat for this committee.

ISO/TC 113/SC 5 operates in the area of Instruments, equipment and data management under the scope of ISO/TC 113 - Hydrometry:
Standardization of methods, procedures, instruments, and equipments relating to techniques for hydrometric determination of water level, velocity, discharge and sediment transport in open channels, precipitation and evapotranspiration, availability and movement of ground water, including:

- terminology and symbols;
- collection, evaluation, analysis, interpretation and presentation of data;
- evaluation of uncertainties.

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated Secretariat for ISO/TC 113/SC 5. Alternatively, ANSI may be assigned the responsibility for administering an ISO Secretariat. Any request that ANSI accept the direct administration of an ISO Secretariat shall demonstrate that:

1. The affected interests have made a financial commitment for not less than three years covering all defined costs incurred by ANSI associated with holding the Secretariat;
2. the affected technical sector, organizations or companies desiring that the U.S. hold the Secretariat request that ANSI perform this function;
3. the relevant U.S. TAG has been consulted with regard to ANSI's potential role as Secretariat; and
4. ANSI is able to fulfill the requirements of a Secretariat.

If no U.S. organization steps forward to assume the ISO/TC 113/SC 5 Secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity by November 27, 2020, then ANSI will inform the ISO Central Secretariat that the U.S. will relinquish its leadership of the committee. This will allow ISO to solicit offers from other countries interested in assuming the Secretariat role.

Information concerning the United States retaining the role of international Secretariat may be obtained by contacting ANSI's ISO Team (isot@ansi.org).

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO/TC 113/SC 8 – Hydrometry: Ground water

Reply Deadline: November 27, 2020

Currently, the U.S. holds a leadership position as Secretariat of ISO/TC 113/SC 8 – Ground water. ANSI has delegated the responsibility for the administration of the Secretariat for ISO/TC 113/SC 8 to the United States Geological Survey (USGS). USGS has advised ANSI of its intent to relinquish its role as delegated Secretariat for this committee.

ISO/TC 113/SC 8 operates in the area of Ground water under the scope of ISO/TC 113 - Hydrometry:
Standardization of methods, procedures, instruments, and equipments relating to techniques for hydrometric determination of water level, velocity, discharge and sediment transport in open channels, precipitation and evapotranspiration, availability and movement of ground water, including:

- terminology and symbols;
- collection, evaluation, analysis, interpretation and presentation of data;
- evaluation of uncertainties.

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated Secretariat for ISO/TC 113/SC 8. Alternatively, ANSI may be assigned the responsibility for administering an ISO Secretariat. Any request that ANSI accept the direct administration of an ISO Secretariat shall demonstrate that:

1. The affected interests have made a financial commitment for not less than three years covering all defined costs incurred by ANSI associated with holding the Secretariat;
2. the affected technical sector, organizations or companies desiring that the U.S. hold the Secretariat request that ANSI perform this function;
3. the relevant U.S. TAG has been consulted with regard to ANSI's potential role as Secretariat; and
4. ANSI is able to fulfill the requirements of a Secretariat.

If no U.S. organization steps forward to assume the ISO/TC 113/SC 8 Secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity by November 27, 2020, then ANSI will inform the ISO Central Secretariat that the U.S. will relinquish its leadership of the committee. This will allow ISO to solicit offers from other countries interested in assuming the Secretariat role.

Information concerning the United States retaining the role of international Secretariat may be obtained by contacting ANSI's ISO Team (isot@ansi.org).

Call for U.S. TAG Administrator

ISO/TC 122 - Packaging

Response Deadline: November 30, 2020

ANSI has been informed that MHI, the ANSI-accredited U.S. TAG Administrator for ISO TC 122, wishes to relinquish their role as U.S. TAG Administrator.

ISO/TC 122 operates under the following scope:
Standardization in the field of packaging with regard to terminology and definitions,characteristics, performance requirements and tests, and utilization of related technologies on packaging.

Excluded: Matters falling within the scopes of particular committees (e.g., TC 6, 52, and 104).

Organizations interested in serving as the U.S. TAG Administrator or participating on a U.S. TAG should contact ANSI's ISO Team (isot@ansi.org) by November 30, 2020.

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 122/SC 4 - Packaging and environment

Response Deadline: November 30, 2020

ANSI has been informed that MHI, the ANSI-accredited U.S. TAG Administrator for ISO TC 122/SC 4, wishes to relinquish their role as U.S. TAG Administrator.

ISO/TC 122/SC 4 operates under the following scope:

Standardization in the field of packaging with regard to terminology and definitions, characteristics, performance requirements and tests, and utilization of related technologies on packaging.

Excluded: Matters falling within the scopes of particular committees (e.g., TC 6, 52, and 104).

Organizations interested in serving as the U.S. TAG Administrator or participating on a U.S. TAG should contact ANSI's ISO Team (isot@ansi.org) by November 30, 2020.

Call for U.S. TAG Administrator

ISO/TC 155 – Nickel and nickel alloys

ANSI has been informed that ASTM International, the ANSI-accredited U.S. TAG Administrator for ISO/TC 155, wishes to relinquish their role as U.S. TAG Administrator.

ISO/TC 155 operates under the following scope:

Standardization in the field of nickel and nickel alloys including terminology, specifications and methods of sampling, testing and analysis.

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

Call for U.S. TAG Administrator

ISO/TC 17/SC 10 – Steel for pressure purposes

ANSI has been informed that ASTM International, the ANSI-accredited U.S. TAG Administrator for ISO/TC 17/SC 10, wishes to relinquish their role as U.S. TAG Administrator.

ISO/TC 17/SC 10 operates under the following scope:
Standardization of:

· Qualities of flat products, bars and forgings for pressure purposes;
· Methods for deriving and establishing of the elevated temperature yield/proof strength and average creep values of steels for pressure purposes.

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

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 17/SC 16 – Steels for the reinforcement and prestressing of concrete

ANSI has been informed that ASTM International, the ANSI-accredited U.S. TAG Administrator for ISO/TC 17/SC 16, wishes to relinquish their role as U.S. TAG Administrator.

ISO/TC 17/SC 16 operates under the following scope:
Standardization of qualities, dimensions and tolerances and other relevant properties appropriate to:
· steel for the reinforcement of concrete
· prestressing steel
Standardization of tests for the products listed above

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

ISO Proposal for a New Field of ISO Technical Activity

Consumer product safety management

Comment Deadline: December 11, 2020

SAC, the ISO member body for China, has submitted to ISO a proposal for a new field of ISO technical activity on consumer product safety management, with the following scope statement:

Standardization in the field of consumer product safety management to develop terminology, requirements, principles, framework, guidance, testing methods and supporting tools, for all relevant organizations, on and to support activities such as risk evaluation, safety early-warning and traceability, intelligent regulatory technology, safety control for emerging consumer products, safety management of the consumer products for specific population groups.
Excluded:
1. Quality management and quality assurance covered by ISO/TC 176.
2. Risk management for organizations covered by ISO/TC 262.
3. Standardization in the field of security to enhance the safety and resilience of society covered by ISO/TC 292.
4. Ageing societies covered by ISO/TC 314.
5. Inclusive service to consumers in vulnerable situations covered by ISO/PC 311.
6. Standardization in the field of consumer incident investigation covered by ISO/PC 329.
Note: According to the relevant laws, regulations and standards on consumer products in the world, consumer products do not include food, agricultural products, drugs, cosmetics, special equipment, tobacco, medical equipment, motor vehicles, military, aviation, large transport vehicles and other products. The category of consumer products in this new proposed TC is the same as above.

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, December 11, 2020.

US Participation in International Standards Development

Call for Participation/Experts

Opportunity for experts to participate in INCITS/Artificial Intelligence Technical Committee

Artificial intelligence (AI) is currently a much talked-about technology and holds much promise. AI is already used in many products and services, e.g., in healthcare, online fraud protection, predictive analytics, recommendation engines, and many other areas. In fact, almost every segment is expected to be impacted by AI. While AI brings many benefits, it also raises concerns, for instance regarding data privacy, unintended bias and ethical and societal concerns of people who use or come into contact with such technologies, or whose personal data may be used by these systems. Created under the auspices of ISO/IEC JTC 1, the information technology arm of ISO and the IEC, subcommittee SC 42, Artificial intelligence, is the only standards body looking at AI holistically.

INCITS/AI, the US Technical Advisory Group to ISO/IEC JTC 1/SC 42 on Artificial Intelligence, represents US interests in the development of international standards. It was established in 2018, in response to international standardization needs. Last month, SC42 had its sixth plenary and INCITS/AI facilitated the participation of US delegates.

There are now over 20 projects currently under development. These include:

- ISO/IEC 22989, Artificial intelligence - Concepts and terminology
- ISO/IEC 23053, Framework for Artificial intelligence (AI) systems using machine learning (ML)
- ISO/IEC 42001, Information technology – Artificial intelligence – Management system:
- ISO/IEC 24668, Information technology – Artificial intelligence – Process management
- framework big data analytics
- ISO/IEC 5259-1, Data quality for analytics and ML — Part 1: Overview, terminology, and examples
- ISO/IEC 5259-3, Data quality for analytics and ML — Part 3: Data Quality Management Requirements and Guidelines
- ISO/IEC 5259-4, Data quality for analytics and ML — Part 4: Data quality process framework
- ISO/IEC TR 24027 Information technology — Artificial intelligence (AI) — Bias in AI
- systems and AI aided decision making
- ISO/IEC 5338, Information technology – Artificial intelligence – AI system life cycle processes

Additionally, a new Technical Report (ISO/IEC TR 24028: 2020) was recently published and provides an overview of topics relevant to building trustworthiness of AI systems. One of its aims is to assist the standards community in identifying specific standardization gaps in AI.

To learn more about membership in INCITS/AI, visit http://www.incits.org/participation/membership-info or contact Lynn Barra at lbarra@itic.org.

US Participation in International Standards Development Activities

Call for Participation/Experts

Opportunity for experts to participate in INCITS/Cyber Security Technical Committee

The INCITS/Cyber Security Technical Committee represents the US in the development of International Standards within ISO/IEC JTC 1/Subcommittee 27 (SC 27) Information security, cybersecurity, and privacy protection as well as all SC 27 Working Groups. In general, work in the US coincides closely with that of SC 27 and encompasses generic methods, techniques and guidelines to address both security and privacy aspects, such as :

- Security requirements capture methodology;
- Management of information and ICT security; in particular information security management system (ISMS) standards, security processes, security controls and services;
- Cryptographic and other security mechanisms, including but not limited to mechanisms for protecting the accountability, availability, integrity and confidentiality of information;
- Security management support documentation including terminology, guidelines as well as procedures for the registration of security components;
- Security aspects of identity management, biometrics and privacy;
- Conformance assessment, accreditation and auditing requirements in the area of information security management systems;
- Security evaluation criteria and methodology.

Now is a great opportunity to join the committee whose member organizations are from the US industry, government, and academia. See what is under development and understand what it means to your organization. Collaborate with your peers both here in the US as well as in the international arena to address security and privacy concerns and issues. Champion and lead new standards that address current and future security and privacy needs. There are currently about 200 published standards and over 85 projects under development that include:

- Revision of ISO/IEC 27002 which is a signature standard in the ISO/IEC 27000 family that gives guidelines for organizational information security standards and information security management practices as well as exploring machine readable versions of the standard
- New cryptographic standards to address fully Homomorphic encryption, format preserving encryption, and quantum-resilient algorithms
- Revision of the multi-part ISO/IEC 27036 supply chain security standard
- Exploring the use of the new ISO/IEC 15408 (Common Criteria for Information Technology Security Evaluation) with complex systems as well as with cloud computing
- Security and privacy standards for IoT
- New privacy guidelines for fintech services
- Exploring the impact of artificial intelligence (AI) on security and privacy

INCITS/Cyber Security meetings are typically held no more than once a month with virtual access as an option. Participation can range from simple monitoring of the activities to full technical engagement with contributions and comments on draft standards. In the case of the latter, standing ad hoc groups have been established to facilitate technical dialogue and collaboration. In addition, all members are eligible to attend the SC 27 international meetings.

To learn more about membership in INCITS/CS1, visit http://www.incits.org/participation/membership-info or contact Lynn Barra at lbarra@itic.org.

Call for Members (U.S. TAGs to ISO)

New Task Group

US TAG to JTC 1/ WG 11 – Smart Cities

INCITS/Internet of Things Technical Committee

INCITS has created a new Task Group that will be functioning under the INCITS/Internet of Things Technical Committee to serve as the US TAG to JTC 1/ WG 11 – Smart Cities.
Background – At the JTC 1 Plenary in October 2015, JTC 1/WG 11 was established with the following terms of reference: (1) Serve as the focus of and proponent for JTC 1's Smart Cities standardization program; (2) Develop foundational standards for the use of ICT in Smart Cities – including the Smart City ICT Reference Framework and an Upper Level Ontology for Smart Cities – for guiding Smart Cities efforts throughout JTC 1 upon which other standards can be developed; (3) Develop a set of ICT related indicators for Smart Cities in collaboration with ISO/TC 268; (4) Develop additional Smart Cities' standards and other deliverables that build on these foundational standards; (5) Identify JTC 1 (and other organization) subgroups that are developing standards and related material that contribute to Smart Cities, and where appropriate, investigate ongoing and potential new work that contributes to Smart Cities; (6) Develop and maintain liaisons with all relevant JTC 1 subgroups; (7) Engage with the community outside of JTC 1 to grow the awareness of, and encourage engagement in, JTC 1 Smart Cities standardization efforts within JTC 1, forming liaisons as is needed; and (8) Ensure a strong relationship with Smart Cities activities in ISO and IEC.
The INCITS Executive Board assigned TAG responsibility for Smart Cities to INCITS/IoT in April 2017. INCITS/IoT has now established a new Task Group dedicated solely to the program of work for Smart Cities.

Membership – Membership in INCITS is open to all directly and materially affected parties who return a signed INCITS Membership Agreement and pay the applicable service fees. The 2021 fee for participation is $2,275 per organization (one principal and unlimited alternate representatives). The membership cycle is December 1 through November 30. Note that since this Task Group is under the INCITS/IoT Technical Committee, membership in INCITS/IoT is required. The fee includes membership in both INCITS/IoT and INCITS/Smart-Cities. INCITS/Smart-Cities members will have direct access to JTC 1/WG 11 Smart Cities.
To comply with ANSI requirements, while all parties may participate in the discussion, only those organizations that are US National Interested Parties in the US may vote to establish a US position on TAG matters. A US National Interested Party is one of the following entities directly and materially affected by the relevant standards activity:

· an individual representing a corporation, or an organization domiciled in the US (including US branch offices of foreign companies authorized to do business in one or more states as defined by the relevant US State's Corporation law);
· an individual representing a US federal, state or local government entity; or
· a US citizen or permanent resident.

Important - All organizations that request voting membership using the online application (https://standards.incits.org/kcpm/signup), return a signed copy of the INCITS membership Agreement to agreement@standards.incits.org and attend the first or the second meeting will attain voting rights immediately. Advisory (non-voting) members must also submit a membership application via the online membership form and return a signed INCITS Membership Agreement. Others in attendance will be recorded as guests.

The Task Group will operate under the ANSI-accredited procedures for the InterNational Committee for Information Technology Standards (INCITS); (see INCITS Organization, Policies and Procedures). Additional information can also be found at http://www.INCITS.org and http://www.incits.org/participation/membership-info

Call for Members (U.S. TAGs to ISO)

New Task Group Meeting

US TAG to JTC 1/ WG 11 – Smart Cities

December 2, 2020 (3:00 - 4:00 PM (ET) / 12:00 - 1:00 PM (PT)

INCITS has created a new Task Group that will be functioning under the INCITS/Internet of Things Technical Committee to serve as the US TAG to JTC 1/ WG 11 – Smart Cities.
Organizational Meeting – December 2, 2020. The organizational meeting of INCITS/Smart-Cities will be held electronically via Zoom on December 2, 2020 (3:00 PM to 4:00 PM (Eastern) / 12:00 PM to 1:00 PM (Pacific)). The agenda, related documents and instructions for joining the Zoom meeting will be distributed at least two-weeks in advance of the meeting to organizational representatives that have requested membership on the new committee. RSVPs for the meeting should be submitted to Lynn Barra (Lbarra@itic.org) as soon as possible.

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.

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

DISH Wireless

Comments Deadline: February 12, 2021

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.

BSR/ASHRAE Addendum g
to ANSI/ASHRAE Standard 55-2017

Public Review Draft

Proposed Addendum g to Standard 55-2017, Thermal Environmental Conditions for Human Occupancy

First Public Review (November 2020)
(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, 1791 Tullie Circle, NE, Atlanta GA 30329-2305

BSR/ASHRAE Addendum g to ANSI/ASHRAE Standard 55-2017, *Thermal Environmental Conditions for Human Occupancy*
First Public Review Draft

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

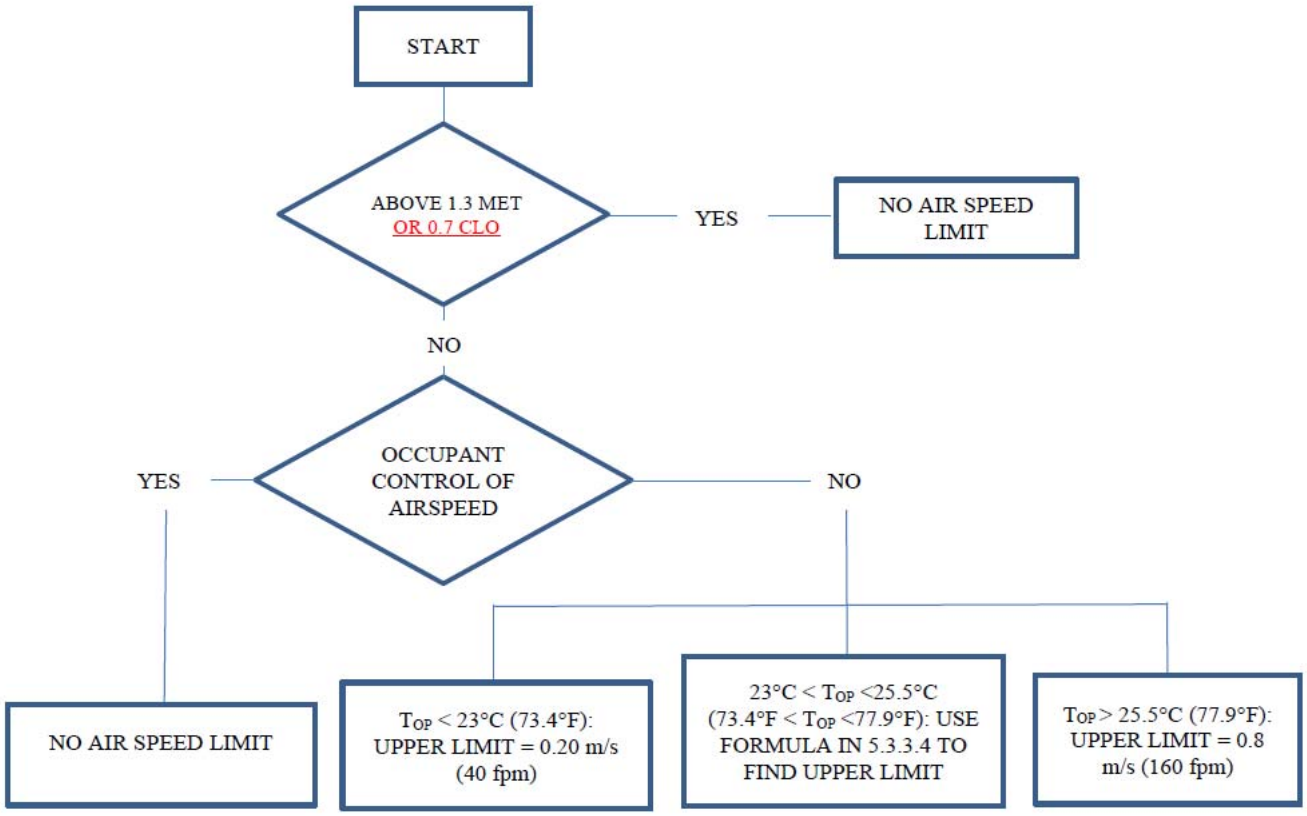
FOREWORD

Addendum g to Standard 55-2017 proposes to make Figure 5.3.2C consistent with the language of Section 5.3.3.1 where both a met condition and clo condition are provided. The original version of the graphic only incorrectly only referenced the met condition.

[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 55-2017

Revise Figure 5.3.2c as shown below.



BSR/ASHRAE Addendum h
to ANSI/ASHRAE Standard 55-2017

Public Review Draft

Proposed Addendum h to Standard 55-2017, Thermal Environmental Conditions for Human Occupancy

First Public Review (November 2020)
(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, 1791 Tullie Circle, NE, Atlanta GA 30329-2305

(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

Addendum h to Standard 55-2017 updates normative references to updated versions of ASHRAE publications and also replaces the normative reference to the ASHRAE Thermal Comfort Tool. The current reference to the ASHRAE Thermal Comfort Tool v2 has not been valid for Standard 55 since the 2010 version of the Standard. In the body of the Standard, all instances of "ASHRAE Thermal Comfort Tool" have been replaced with "Thermal Comfort Tool". The normative reference in section 8 has been replaced with a reference to the CBE Thermal Comfort Tool which is valid with Standard 55-2017 and all subsequent addenda. This version will also be kept up to date with all approved future addenda. In addition to the Thermal Comfort Tool reference changes, normative references to Standards 90.1, 62.1, and 62.2 have been updated to the latest versions. Standards 62.1 and 62.2 are only referenced in Figures 5.3.1.1A, 5.3.1.1B, and 5.3.2.B that were added as part of Addendum d to Standard 55-2017. Finally, the references to the ASHRAE Handbook of Fundamentals have been updated to the relevant sections of the most current version of the Handbook and consolidated to a single reference.

[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 h to 55-2017

Modify Section 5.3.1.2 as shown below.

5.3.1.2 Methodology. The computer code[3] in Normative Appendix B is to be used with this standard. Compliance is achieved if –0.5 < PMV < +0.5. Alternative methods are permitted. If any other method is used, it is the user's responsibility to verify and document that the method used yields the same results. The ~~*ASHRAE*~~ *Thermal Comfort Tool*[3] is permitted to be used to comply with this section.
[…]

Modify Section 5.3.2.2 as shown below.

[…]
Figure 5.3.2B provides a graphical example of a comfort zone using the Elevated Air Speed Comfort Zone Method with occupant control (lighter shade zone; Section 5.3.2.3) compared to one using the Analytical Comfort Zone Method (darker shade zone; Section 5.3.1). Direct use of this chart to comply with the Elevated Air Speed Comfort Zone Method with occupant control using the lighter shade zone is allowable for the specific input conditions described on the chart.

Alternative methods are permitted. If any other method is used, the user shall verify and document that the method used yields the same results. The ~~*ASHRAE*~~ *Thermal Comfort Tool*[3] is permitted to be used to comply with this section.

When direct beam solar radiation falls on a representative occupant, the mean radiant temperature ($\overline{t_r}$) shall account for long-wave mean radiant temperature ($\overline{t_{rlw}}$) and short-wave mean radiant temperature (t_{rsw}) in accordance with Section 5.3.1.2.1.

[…]

Update reference in Section 6.2 as shown below.

6.2 Documentation. The method and design conditions appropriate for the intended use of the building shall be selected and documented as follows.

Informative Note: Some of the requirements in items (a) through (h) below are not applicable to naturally conditioned buildings.

a. The method of design compliance shall be stated for each space and/or system: Analytical Comfort Zone Method (Section 5.3.1), Elevated Air Speed Comfort Zone Method (Section 5.3.2), or the use of Section 5.4 for Occupant-Controlled Naturally Conditioned Spaces.

b. The design operative temperature (t_o) and humidity (including any tolerance or range), the design outdoor conditions (see ~~2009~~ *ASHRAE Handbook—Fundamentals*[1], Chapter 14), and total indoor loads shall be stated. The design exceedance hours (see Section 3, "Definitions") shall be documented based on the design conditions used.

[…]

Update Section 8 normative references as shown below.

8. REFERENCES

1. ASHRAE. 201709. 201709 *ASHRAE Handbook—Fundamentals.* Atlanta: ASHRAE.

2. ASHRAE. 20193. ANSI/ASHRAE/IES Standard 90.1-20193, *Energy Standard for Buildings Except Low-Rise Residential Buildings.* Atlanta: ASHRAE.

3. ~~ASHRAE. 2011. ASHRAE Thermal Comfort Tool CD, v2. Atlanta: ASHRAE.~~ Tartarini, Federico, Stefano Schiavon, Toby Cheung, and Tyler Hoyt. "CBE Thermal Comfort Tool: Online Tool for Thermal Comfort Calculations and Visualizations." Software X 12 (July 2020): 100563. https://doi.org/10.1016/j.softx.2020.100563.

4. ASHRAE. 20196. ANSI/ASHRAE Standard 62.1-20196, *Ventilation for Acceptable Indoor Air Quality*. Atlanta: ASHRAE

5. ASHRAE. 20196. ANSI/ASHRAE Standard 62.2-20196, *Ventilation and Acceptable Indoor Air Quality in Residential Buildings*. Atlanta: ASHRAE

6. ISO. 2005. ISO 7730, *Ergonomics of the Thermal Environment—Analytical Determination and Interpretation of Thermal Comfort using Calculation of the PMV and PPD Indices and Local Thermal Comfort Criteria*. Geneva, Switzerland: International Organization for Standardization.

~~7. ASHRAE. 2013. 2013 *ASHRAE Handbook—Fundamentals.* Atlanta: ASHRAE.~~

Modify Normative Appendix B normative reference as shown below.

NORMATIVE APPENDIX B
COMPUTER PROGRAM FOR CALCULATION OF PMV-PPD

(Reference Annex D of ISO 7730[6]. Used with permission from ISO. For additional technical information and an I-P version of the equations in this appendix, refer to the ~~ASHRAE~~ Thermal Comfort Tool[3] referenced in Section 8 of this standard. The Thermal Comfort Tool allows for I-P inputs and outputs, but the algorithm is implemented in SI units.)

Update reference in Normative Appendix C as shown below.

C1. CALCULATION PROCEDURE

Solar gain to the human body is calculated using the effective radiant field (*ERF*), a measure of the net radiant energy flux to or from the human body [~~2013~~ *ASHRAE Handbook – Fundamentals*[17], Chapter 9.11~~24~~]. *ERF* is expressed in W/m^2 (Btuh/ft^2), where "area" refers to body surface area. The surrounding surface temperatures of a space are expressed as mean radiant temperature t_r, which equals long-wave mean radiant temperature t_{rlw} when no solar radiation is present. The *ERF* on the human body from longwave exchange with surfaces is related to $\bar{t}_{rlw}$ by

[…]

Update reference in Informative Appendix H, Section H1 as shown below.

H1. DETERMINING ACCEPTABLE THERMAL CONDITIONS IN OCCUPIED SPACES

This standard recommends a specific percentage of occupants that constitutes acceptability and values of the thermal environment associated with this percentage.

For given values of humidity, air speed, metabolic rate, and clothing insulation, a comfort zone may be determined. The comfort zone is defined in terms of a range of operative temperatures (t_o) that provide acceptable thermal environmental conditions or in terms of the combinations of air temperature and mean radiant temperature t_r that people find thermally acceptable.

See Normative Appendix A and ~~2009~~ *ASHRAE Handbook—Fundamentals*[1], Chapter 9, for procedures to calculate operative temperature t_o. Dry-bulb temperature is a proxy for operative temperature under certain conditions described in Normative Appendix A.

Modify Informative Appendix H, Section H3 as shown below.

[…]
There are several computer codes available that predict PMV-PPD. The computer code in Normative Appendix B was developed for use with this standard and is incorporated into ~~ASHRAE Thermal Comfort Tool~~ *Thermal Comfort Tool* [3]. If any other software is used, it is the user's responsibility to verify and document that the version used yields the same results as the code in Normative Appendix B or the ~~ASHRAE Thermal Comfort Tool~~ *Thermal Comfort Tool*[3] for the conditions for which it is applied.

[…]

BSR/FM 4474-202x

Substantive changes from the previous public review

Red underline: added text

SECTION 3 - APPLICABLE DOCUMENTS AND GLOSSARY

3.2 Glossary

Permanent Deformation — Any displacement of a panel or component that remains after the load has been removed. Panel deflection that can be removed by mechanical means not involving special equipment and without additional displacement shall not be considered permanent deformation.

SECTION 5 - PERFORMANCE REQUIREMENTS

5.2 Conditions of Acceptance

5.2.1.7 All standing/lap seam metal roof systems shall possess adequate physical properties to resist half the specified minimum uplift pressure without any permanent deformation of any component. The rating assigned to the standing/lap seam metal roof assembly shall be the lesser of either the maximum uplift resistance pressure which the assembly maintained for one (1) minute per the above criteria or twice the uplift resistance pressure at the level below where permanent deformation of any component occurred.

Tracking #46i37r1 **Revision to NSF/ANSI 46-2020**
© 2020 NSF International **Issue 37 Revision 1 (November 2020)**

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

NSF/ANSI Standard
For Wastewater Technology –

Evaluation of Components and Devices Used in Wastewater Treatment Systems

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12 Ultraviolet (UV) disinfection devices

12.1 Scope

This section establishes requirements for UV devices used to irradiate and disinfect secondary treated residential wastewater to less than 200 fecal coliform organisms per 100 mL. It is intended for devices that deliver UV light radiation to secondary treated wastewater from small sources such as individual homes or similar capacity commercial sources and provide an exposure chamber for fecal coliform reduction (hereafter referred to as UV disinfection devices). The rated capacities for UV disinfection devices considered in this section shall be between 1,514 L/d (400 gal/d) and 5,678 L/d (1,500 gal/d).

The evaluation of UV devices shall be performed in accordance with NSF/ANSI 385, *Disinfection Mechanics*.

NOTE — The procedures for evaluation of UV disinfection devices were removed from NSF/ANSI 46 and reestablished in NSF/ANSI 385. The UV disinfection device evaluation language is due to be retired from NSF/ANSI 46 three years after the adoption of NSF/ANSI 385 (February 2023).

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13 Ozone generation devices

13.1 Scope

This section establishes the requirements for ozonation systems used to diffuse controlled amounts of ozone into the effluent of secondary treated residential wastewater. It is intended for devices that deliver ozone into a contact chamber for demonstrating fecal coliform reduction (hereafter referred to as an ozonating system). The rated capacities for ozonating systems shall be between 757 L/d (200 gal/d) and 5,678 L/d (1,500 gal/d).

The evaluation of Ozone generation devices shall be performed in accordance with NSF/ANSI 385, *Disinfection Mechanics*.

NOTE — The procedures for evaluation of Ozone generation devices were removed from NSF/ANSI 46 and reestablished in NSF/ANSI 385. The Ozone generation device evaluation language is due to be retired from NSF/ANSI 46 three years after the adoption of NSF/ANSI 385 (February 2023).

Rationale: This will add language regarding the removal of Ozone and UV disinfection devices.

Tracking number 173i82r4 **Revision to NSF/ANSI 173-2020**
 Issue 82 Revision 1 (November 2020)

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

NSF/ANSI Standard
for Dietary Supplements –

Dietary Supplements

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5 Product requirements

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5.3.4.3 Ephedrine alkaloids

Except as noted in the following paragraphs, dietary ingredients and finished products that consist of or include *Ephedra* spp. and are marketed in the United States shall be analytically confirmed to be free of ephedrine alkaloids at a limit of detection of 0.1 ppm or lower.

Some countries permit the marketing of finished products that contain ephedrine alkaloid containing species belonging to the genus *Ephedra* but regulate the maximum amount of ephedrine alkaloids in the product. Such products marketed in those countries shall be analytically confirmed to contain no more than the permitted amount of ephedrine alkaloids.

E. nevadensis and *E. viridis* do not contain ephedrine alkaloids at physiologically relevant concentrations. Ingredients and finished products that consist of or are derived from these botanicals, and that are not manufactured in a way that concentrates or adds ephedrine alkaloids, do not require analytical confirmation for the presence of ephedrine alkaloids. Examples of such ingredients and products include tablets or capsules containing ground raw material or extracts made using water, ethanol, or other food-grade solvents and using no steps intended to concentrate alkaloids disproportionately to other constituents of these species.

Compliance with this Section shall be verified in accordance with Section 7.4.

Rationale: The proposed language expands the content of NSF/ANSI 173 with respect to its references to known toxic constituents and known adulterants, and to add recognition of certain botanical species that are prohibited from use in dietary supplements.

Tracking number 173i92r1
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Revision to NSF/ANSI 173-2020
Issue 92 Revision 1 (November 2020)

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

NSF/ANSI Standard
for Dietary Supplements –

Dietary Supplements

7 Test methods used by testing laboratories for detection of contaminants – Dietary ingredients and finished products

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7.3 Test methods for microbiological contaminants

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7.3.9 *Pseudomonas aeruginosa*

For semisolid or liquid products containing less than ~~25%~~ 50% alcohol v/v, testing shall be performed based on the USP <62> *Microbiological Examination of Nonsterile Products: Tests for Specified Microorganisms*.

Rationale: This revision creates consistency within the standard.

Tracking number 173i93r1
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Revision to NSF/ANSI 173-2020
Issue 93 Revision 1 (November 2020)

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

NSF/ANSI Standard
for Dietary Supplements –

Dietary Supplements

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7 Test methods used by testing laboratories for detection of contaminants – Dietary ingredients and finished products

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7.3.1 Test methods for microbiological contaminants

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7.3.7.2 Pathogenic *E. coli*

If the presence of *E. coli* is confirmed, then additional testing shall be performed (e.g., serotyping) ~~based the FDA's *Bacteriological Analytical Manual* (BAM, Chapter 4A)~~ to determine whether the product contains pathogenic *E. coli*, including but not limited to 0157:H7.

Rationale: The proposed revision will create more consistency within the standard.

Tracking number 173i94r1 **Revision to NSF/ANSI 173-2020**
© 2020 NSF International **Issue 94 Revision 1 (November 2020)**

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

NSF/ANSI Standard
for Dietary Supplements –

Dietary Supplements

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7 Test methods used by testing laboratories for detection of contaminants – Dietary ingredients and finished products

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7.3 Test methods for microbiological contaminants

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Preparatory testing, as specified in the currently promulgated version of the USP shall be performed on all products. Certain products may themselves inhibit the multiplication of microorganisms that might be present, thus interfering with quantitative and qualitative microbiological assays detailed in Section 7.3. Products shall be inoculated with the challenge microorganisms specified in USP <2021> and USP <2022>. For the quantitative assays, ~~at least a~~ greater than 70% bioburden recovery compared to a control medium shall be demonstrated. For the qualitative assays, the challenge organism shall be recovered on the applicable selective media. If a product fails to meet the recovery limit, a suitable neutralizer (e.g., soy lecithin, 0.5%; or polysorbate 20, 4.0%) shall be added to the culture medium to neutralize inhibitory substances.

NOTE — In lieu of performing preparatory testing, a suitable neutralizer may be automatically added to the product and testing for the individual indicator organisms and pathogens may proceed as described in the following sections.

Rationale: The proposed revision will create more consistency within the standard.

Tracking number 173i95r1
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Revision to NSF/ANSI 173-2020
Issue 95 Revision 1 (November 2020)

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

NSF/ANSI Standard
for Dietary Supplements –

Dietary Supplements –

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5 Product requirements

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5.3 Contaminants

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5.3.3 Microbiological contaminants

Dietary ingredients shall not contain aflatoxins at levels > 20 ppb and shall not contain microorganisms in quantities greater than permitted in Tables 5.1.and 5.2.

Finished products shall not contain aflatoxins at levels > 20 ppb and shall not contain microorganisms in quantities greater than permitted in Tables 5.3 and 5.4.

Finished products in a liquid form with an alcohol content ~~≦~~ < 50% shall not contain *Pseudomonas aeruginosa*.

Finished products with an alcohol content ≥ 50% are exempt from microbial testing. Products containing probiotic bacteria are exempt from total aerobic microbial count and the limits in Tables 5.1 and 5.3.

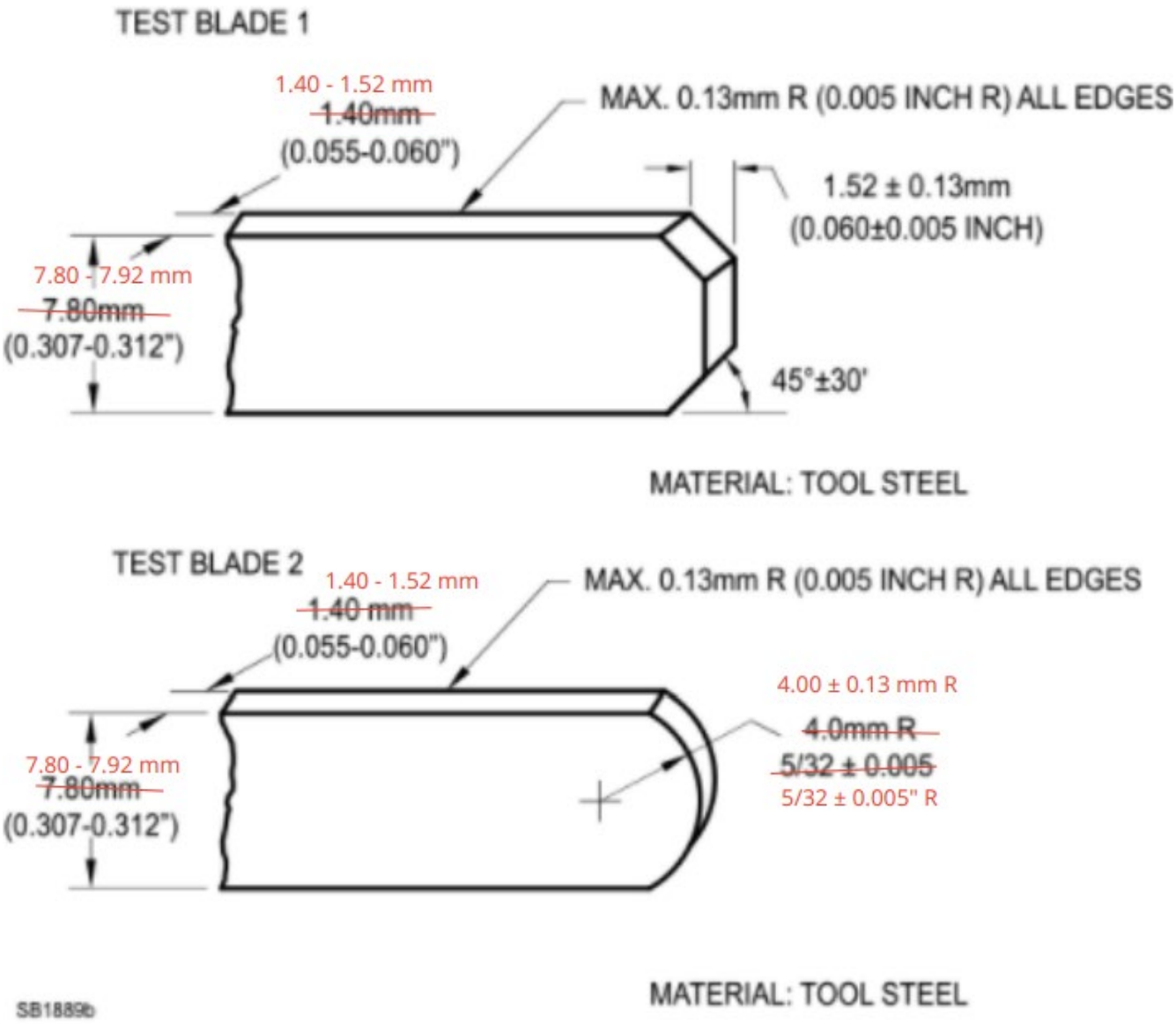
Products containing probiotic yeast or mold are exempt from total combined yeast mold count and the limits in Tables 5.1 and 5.3.

Rationale: The proposed revision will create more consistency within the standard.

BSR/UL 498A, Standard for Safety for Current Taps and Adapters

1. Revision of Figure 35.1 for Improper Insertion Blades

Figure 35.1
Improper insertion test blades



BSR/UL 2703, Standard for Safety for Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules

1. Clarification to Bonding and Grounding Requirements Related to Module Removal in 9.1 and 9.2

9.1 Mounting system and clamping/retention device(s) shall have a means for bonding all accessible potentially conductive parts to ground. The grounding means shall comply with the applicable requirements in Grounding and Grounding Devices, Section 8. The grounding means shall be bonded to each conductive part of the rack mounting systems and clamping devices. The grounding means shall be described in detail in the installation manual. See Installation, Assembly and Maintenance/Inspection Instructions, Section 26. Mounting system and clamping/retention device(s) that create a bonding path by connecting to and bonding multiple PV frames together is permitted, provided that the device(s) comply with all of the following:

a) Comply with Sections 8, 9 and 22,

b) The device(s) are used with framed PV modules that comply with the Standard for Flat-Plate Photovoltaic Modules and Panels, UL 1703, or with the Standard for Photovoltaic (PV) Module Safety Qualification - Part 1: Requirements For Construction, and Part 2: Requirements for Testing, UL 61730-2, and

c) The specific PV modules used with the mounting system are evaluated with the device(s) in accordance with applicable sections in this standard.

Exception: Accessible conductive components that are not a part of the fault current ground path such as flashings, roof attachments, L-feet, tile hooks, skirts, ballast trays and wind deflectors, and metal roofing panels are not required to be electrically bonded when the following are all true:

a) The installation instructions clearly identify the system's fault current ground path components and their methods of assembly.

b) The accessible conductive component is not likely to be energized other than through direct or indirect contact with other accessible conductive components that are likely to be energized under normal operations or single fault conditions.

In addition, a suitable wire positioning device that complies with the Standard for Positioning Devices, UL 1565, or the Standard for Cable Management Systems – Cable Ties for Electrical Installations, UL 62275, is not required to be electrically bonded.

9.2 Routine maintenance of a PV module or mounting system, e.g. inspection or cleaning, shall not involve breaking or disturbing the bonding path of the system.

Exception: The removal of a module may break or disrupt the bonding path of the system if the installation manual complies with 26.10.

26.10 For a system where the removal of a module may break or disrupt the bonding path of the system (see Exception to 9.2), the installation manual shall comply with all of the following:

a) Module removal is not presented as a frequently expected occurrence and will not be required as part of routine maintenance.
b) Include the following statement, or equivalent "CAUTION: Module removal may disrupt the bonding path and could introduce the risk of electric shock. Additional steps may be required to

maintain the bonding path. Modules should only be removed by qualified persons in compliance with the instructions in this manual."

c) Scenarios that could result in a disruption of the bonding path are described, for example irregularly-shaped arrays, arrays consisting of individual rows, and any other scenario where module removal could disrupt the bonding path.

d) Instructions for maintaining a complete bonding path when modules are removed.

2. Addition of a New Note 22.1 for Clarification of the Bonding Conductor Test

22.1 Bonding devices and/or components which are utilized with surfaces having non-conductive materials such as anodization or paint, or have insufficient conductively equivalent cross-sectional area/materials in accordance with Table 9.1 shall be subject to the Bonding Conductor Test as specified in (a) and (b). Alternatively, the Short-Time Current Test from the Standard for Grounding and Bonding Equipment, UL 467, on 2 samples, followed by the Bonding Path Resistance Test (as noted in 22.3) may be substituted for the 135%, 200% and Limited Short Circuit Tests noted under 22.1(a) and 22.1(b).

Note 1: Test current values and times are shown in Table 5, Short-Time Test Currents, of UL 467. To derive test current values for electrode materials other than the ones listed above, see Annex C of IEEE 837-2002. The cross-sectional values shall meet the size requirements of UL 2703, Table 9.1, for the minimum size of the equipment-grounding or bonding conductor.

Note 2: For bonding devices and/or components utilizing non-uniform surfaces where the cross-sectional area cannot be determined, use the series fuse or circuit breaker rating to determine cross-sectional value in Table 9.1 in UL 2703, then use this value in UL 467, Table 5, Short-Time Test Currents, to derive test current and duration values for given materials to be used.

$$I = A\sqrt{\frac{In(\frac{K_o + T_m}{K_o + T_a})}{\beta t_c}}$$

T_m = 1083°C (1981.4°F) for melting point for copper and 657°C (1214.6°F) for melting point for aluminum and 1510°C (2750°F) for melting point for steel

T_a = 40°C (104°F), ambient temperature

I = short time current (rms) in kA

A = conductor cross section in mm^2

t_c = time (s)

K_o = reciprocal of thermal coefficient of resistivity at 0°C (32°F), which is 234 for copper and 228 for aluminum and the appropriate K_o (reciprocal of thermal coefficient of resistivity) for any other specific mating materials used

β = material constant, which is 19.8 for copper and 45.1 for aluminum and the appropriate β (material constant) for any other specific mating materials used

a) Two specimens each are to carry currents equal to 135 and 200 percent of the rating or setting of the intended branch-circuit overcurrent-protective device for the times specified in Table 22.1, and

b) Two specimens are to be subjected to a limited-short-circuit test using a power supply capable of supplying at least 5000 amperes short circuit current for the duration of the test. Each terminal of the device is to be connected to the supply mentioned in 22.1(b) using less than two times 4 ft (1.2 m) of insulated wire, sized for the rating of the overcurrent protection device. A nonrenewable fuse or circuit breaker that is in compliance with UL 248-1, Low-Voltage Fuses – Part 1: General Requirements, or UL 489B, Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures For Use With Photovoltaic (PV) Systems, rated for the maximum ampacity of the circuit in which the bonding device is to be installed, shall be connected in series with the conductor. The bonding device is to be in any position considered to be normal in service. The aforementioned nonrenewable fuse or circuit breaker is to be connected between the supply terminal and the device.

Exception: When a fuse smaller than that indicated in (a) and (b) is employed in the unit for protection of the circuit to which the bonding conductor is connected, the magnitude of the test current and size of fuse used during the test is to be based on the rating of the smaller fuse.

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The last three columns display the 30, 45 & 60-DAY PR (Public Review) END dates

ISSUE	SUBMIT START	*SUBMIT END 5 PM	SA PUBLISHED	30-DAY PR END	45-DAY PR END	60-DAY PR END
01	12/15/2020	12/21/2020	Jan 1	1/31/2021	2/15/2021	3/2/2021
02	12/22/2020	12/28/2020	Jan 8	2/7/2021	2/22/2021	3/9/2021
03	12/29/2020	1/4/2021	Jan 15	2/14/2021	3/1/2021	3/16/2021
04	1/5/2021	1/11/2021	Jan 22	2/21/2021	3/8/2021	3/23/2021
05	1/12/2021	1/18/2021	Jan 29	2/28/2021	3/15/2021	3/30/2021
06	1/19/2021	1/25/2021	Feb 5	3/7/2021	3/22/2021	4/6/2021
07	1/26/2021	2/1/2021	Feb 12	3/14/2021	3/29/2021	4/13/2021
08	2/2/2021	2/8/2021	Feb 19	3/21/2021	4/5/2021	4/20/2021
09	2/9/2021	2/15/2021	Feb 26	3/28/2021	4/12/2021	4/27/2021
10	2/16/2021	2/22/2021	Mar 5	4/4/2021	4/19/2021	5/4/2021
11	2/23/2021	3/1/2021	Mar 12	4/11/2021	4/26/2021	5/11/2021
12	3/2/2021	3/8/2021	Mar 19	4/18/2021	5/3/2021	5/18/2021
13	3/9/2021	3/15/2021	Mar 26	4/25/2021	5/10/2021	5/25/2021
14	3/16/2021	3/22/2021	Apr 2	5/2/2021	5/17/2021	6/1/2021
15	3/23/2021	3/29/2021	Apr 9	5/9/2021	5/24/2021	6/8/2021
16	3/30/2021	4/5/2021	Apr 16	5/16/2021	5/31/2021	6/15/2021
17	4/6/2021	4/12/2021	Apr 23	5/23/2021	6/7/2021	6/22/2021
18	4/13/2021	4/19/2021	Apr 30	5/30/2021	6/14/2021	6/29/2021
19	4/20/2021	4/26/2021	May 7	6/6/2021	6/21/2021	7/6/2021
20	4/27/2021	5/3/2021	May 14	6/13/2021	6/28/2021	7/13/2021
21	5/4/2021	5/10/2021	May 21	6/20/2021	7/5/2021	7/20/2021
22	5/11/2021	5/17/2021	May 28	6/27/2021	7/12/2021	7/27/2021
23	5/18/2021	5/24/2021	Jun 4	7/4/2021	7/19/2021	8/3/2021
24	5/25/2021	5/31/2021	Jun 11	7/11/2021	7/26/2021	8/10/2021
25	6/1/2021	6/7/2021	Jun 18	7/18/2021	8/2/2021	8/17/2021
26	6/8/2021	6/14/2021	Jun 25	7/25/2021	8/9/2021	8/24/2021
27	6/15/2021	6/21/2021	Jul 2	8/1/2021	8/16/2021	8/31/2021
28	6/22/2021	6/28/2021	Jul 9	8/8/2021	8/23/2021	9/7/2021
29	6/29/2021	7/5/2021	Jul 16	8/15/2021	8/30/2021	9/14/2021

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30	7/6/2021	7/12/2021	Jul 23	8/22/2021	9/6/2021	9/21/2021
31	7/13/2021	7/19/2021	Jul 30	8/29/2021	9/13/2021	9/28/2021
32	7/20/2021	7/26/2021	Aug 6	9/5/2021	9/20/2021	10/5/2021
33	7/27/2021	8/2/2021	Aug 13	9/12/2021	9/27/2021	10/12/2021
34	8/3/2021	8/9/2021	Aug 20	9/19/2021	10/4/2021	10/19/2021
35	8/10/2021	8/16/2021	Aug 27	9/26/2021	10/11/2021	10/26/2021
36	8/17/2021	8/23/2021	Sep 3	10/3/2021	10/18/2021	11/2/2021
37	8/24/2021	8/30/2021	Sep 10	10/10/2021	10/25/2021	11/9/2021
38	8/31/2021	9/6/2021	Sep 17	10/17/2021	11/1/2021	11/16/2021
39	9/7/2021	9/13/2021	Sep 24	10/24/2021	11/8/2021	11/23/2021
40	9/14/2021	9/20/2021	Oct 1	10/31/2021	11/15/2021	11/30/2021
41	9/21/2021	9/27/2021	Oct 8	11/7/2021	11/22/2021	12/7/2021
42	9/28/2021	10/4/2021	Oct 15	11/14/2021	11/29/2021	12/14/2021
43	10/5/2021	10/11/2021	Oct 22	11/21/2021	12/6/2021	12/21/2021
44	10/12/2021	10/18/2021	Oct 29	11/28/2021	12/13/2021	12/28/2021
45	10/19/2021	10/25/2021	Nov 5	12/5/2021	12/20/2021	1/4/2022
46	10/26/2021	11/1/2021	Nov 12	12/12/2021	12/27/2021	1/11/2022
47	11/2/2021	11/8/2021	Nov 19	12/19/2021	1/3/2022	1/18/2022
48	11/9/2021	11/15/2021	Nov 26	12/26/2021	1/10/2022	1/25/2022
49	11/16/2021	11/22/2021	Dec 3	1/2/2022	1/17/2022	2/1/2022
50	11/23/2021	11/29/2021	Dec 10	1/9/2022	1/24/2022	2/8/2022
51	11/30/2021	12/6/2021	Dec 17	1/16/2022	1/31/2022	2/15/2022
52	12/7/2021	12/13/2021	Dec 24	1/23/2022	2/7/2022	2/22/2022
53	12/14/2021	12/20/2021	Dec 31	1/30/2022	2/14/2022	3/1/2022