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CONTENTS

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Project Initiation Notification System (PINS)

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

CTA (Consumer Technology Association)

Catrina Akers; cakers@cta.tech | 1919 S. Eads Street | Arlington, VA 22202 www.cta.tech

Revision

BSR/CTA 2010-C-202x, Standard Method of Measurement for Powered Subwoofers (revision and redesignation of ANSI/CTA 2010-B-2014 (R2020))
Stakeholders: Consumer, manufacturers and retailers.

Project Need: To revise CTA 2010-B.

Interest Categories: User, general interest, producer.

Scope: This standard defines a method for measuring the audio performance of subwoofers, both passive and powered. The standard is being revised in order to incorporate new rating methods and to make additional edits as needed.

CTA (Consumer Technology Association)

Catrina Akers; cakers@cta.tech | 1919 S. Eads Street | Arlington, VA 22202 www.cta.tech

Revision

BSR/CTA 2034-B-202x, Standard Method of Measurement for In-Home Loudspeakers (revision and redesignation of ANSI/CTA 2034-A-2015 (R2020))
Stakeholders: Consumer, manufacturers and retailers.

Project Need: To revise CTA 2034-A.

Interest Categories: User, general interest, producer.

Scope: This standard describes how to determine the frequency response, directivity and maximum output capability of a residential loudspeaker. It is intended to determine the audio performance of a loudspeaker, not the loudspeakers ability to survive a given input signal. The standard is being revised to incorporate new rating methods and to make additional edits as needed. This standard applies only to loudspeaker systems, and not to raw transducers.

CTA (Consumer Technology Association)

Catrina Akers; cakers@cta.tech | 1919 S. Eads Street | Arlington, VA 22202 www.cta.tech

New Standard

BSR/CTA 2054-202x, Specifications for Selecting an Amplifier for Use with a Loudspeaker System (new standard)
Stakeholders: Consumer, manufacturers and retailers.

Project Need: To develop a standard for selecting an Amplifier for use with a Loudspeaker System.

Interest Categories: User, general interest, producer.

Scope: This standard will outline the performance attributes of a power amplifier in order to allow consumers/end-users to easily determine if a given amplifier is compatible with a given loudspeaker system.

CTA (Consumer Technology Association)

Catrina Akers; cakers@cta.tech | 1919 S. Eads Street | Arlington, VA 22202 www.cta.tech

Revision

BSR/CTA 2099-A-202x, Standard Method of Measurement for Matching In-Home Amplifiers and Loudspeakers (revision of ANSI/CTA 2099-2022)
Stakeholders: Consumer, manufacturers and retailers.

Project Need: Revise current American National Standard.

Interest Categories: User, general interest, producer.

Scope: This standard describes how to determine the maximum output capability of loudspeakers, subwoofers, and amplifiers intended for use in consumer/residential applications. It also describes how to determine the appropriate crossover frequency region for and between loudspeakers and subwoofers. The loudspeaker sections of this standard apply only to loudspeaker systems. This standard is not applicable to raw transducers. Seeking those who acquire in-home audio equipment (Users).

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 91-202x, Standard for Exhaust Systems for Air Conveying of Vapors, Gases, Mists, and Particulate Solids (revision of ANSI/NFPA 91-2020)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

Interest Categories: Manufacturer (M), User (U, Installer/Maintainer (I/M), Labor (L), Applied Research/Testing Laboratory (R/T), Enforcing Authority (E), Insurance (I), Consumer (C), and Special Expert (SE)
Please refer to the following link https://www.nfpa.org/tcclass for more information about our classifications

Scope: 1.1 Scope. A.1.1 The following NFPA standards contain information on the application of exhaust systems to specific industries or operations: (1) NFPA 1, Fire Code; (2) NFPA 30, Flammable and Combustible Liquids Code; (3) NFPA 30B, Code for the Manufacture and Storage of Aerosol Products; (4) NFPA 32, Standard for Drycleaning Plants; (5) NFPA 33, Standard for Spray Application Using Flammable or Combustible Materials; (6) NFPA 34, Standard for Dipping and Coating Processes Using Flammable or Combustible Liquids; (7) NFPA 35, Standard for the Manufacture of Organic Coatings; (8) NFPA 36, Standard for Solvent Extraction Plants; (9) NFPA 45, Standard on Fire Protection for Laboratories Using Chemicals; (10) NFPA 61, Standard for the Prevention of Fires and Dust Explosions in Agricultural and Food Processing Facilities; (11) NFPA 68, Standard on Explosion Protection by Deflagration Venting; (12) NFPA 85, Boiler and Combustion Systems Hazards Cod;e (13) NFPA 86, Standard for Ovens and Furnaces; (14) NFPA 92A, Standard for Smoke-Control Systems Utilizing Barriers and Pressure Differences; (15) NFPA 92B, Standard for Smoke Management Systems in Malls, Atria, and Large Spaces; (16) NFPA 96, Standard for Ventilation Control and Fire Protection of Commercial Cooking Operations; (17) NFPA 120, ...

NFPA (National Fire Protection Association)

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

New Standard

BSR/NFPA 200-202x, Standard for Hanging and Bracing of Fire Suppression Systems (new standard)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

Interest Categories: Manufacturer (M), User (U, Installer/Maintainer (I/M), Labor (L), Applied Research/Testing Laboratory (R/T), Enforcing Authority (E), Insurance (I), Consumer (C), and Special Expert (SE)
Please refer to the following link https://www.nfpa.org/tcclass for more information about our classifications

Scope: 1.1.1 This standard shall provide the minimum requirements for the hanging, bracing, support, and anchorage of components and devices for fire suppression systems covered within this standard. 1.1.2 Performance-based design of hanging, bracing, support, and anchorage of components and devices for fire suppression systems shall be permitted. 1.1.3 This standard shall not cover the following system components:
(1) Releasing service control panels and associated devices;
(2) Devices or appurtenances not associated with the life safety function of the system.

NFPA (National Fire Protection Association)

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

New Standard

BSR/NFPA 461-202x, Standard for Fire Protection of Spaceport Facilities (new standard)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

Interest Categories: Manufacturer (M), User (U, Installer/Maintainer (I/M), Labor (L), Applied Research/Testing Laboratory (R/T), Enforcing Authority (E), Insurance (I), Consumer (C), and Special Expert (SE)
Please refer to the following link https://www.nfpa.org/tcclass for more information about our classifications

Scope: 1.1 This standard shall establish the minimum fire protection and life safety requirements for the construction, operation, and maintenance of fixed or mobile buildings, structures, and operations associated with a spaceport as well as structures associated with testing and development of the launch vehicle.

NFPA (National Fire Protection Association)

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

Revision

BSR/NFPA 660-202x, Standard for Combustible Dusts (revision, redesignation and consolidation of ANSI/NFPA 61-2020 , ANSI/NFPA 484-2022, ANSI/NFPA 652-2019, ANSI/NFPA 654-2020, ANSI/NFPA 655-2017, ANSI/NFPA 664-2020)
Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts, and research and testing.

Project Need: Public interest and need.

Interest Categories: Manufacturer (M), User (U, Installer/Maintainer (I/M), Labor (L), Applied Research/Testing Laboratory (R/T), Enforcing Authority (E), Insurance (I), Consumer (C), and Special Expert (SE)
Please refer to the following link https://www.nfpa.org/tcclass for more information about our classifications

Scope: 1.1 Scope. This standard addresses the fire, flash fire, and explosion hazards of combustible dusts and particulate solids. 1.1.1 This standard also addresses all metals and alloys that are in a form that is capable of combustion or explosion, as well as other hazards, in accordance with the scope of Chapter 12. 1.1.2 This standard also addresses the size reduction of sulfur and the handling of sulfur in any form, as well as other hazards entailed in processing sulfur, in accordance with the scope of Chapter 14. 1.1.3 This standard also addresses industrial, commercial, or institutional facilities for ...

SPRI (Single Ply Roofing Industry)

Linda King; info@spri.org | 465 Waverley Oaks Road, Suite 421 | Waltham, MA 02452 www.spri.org

Revision

BSR/SPRI VF-1-202x, External Fire Design Standard for Vegetative Roof Systems (revision of ANSI/SPRI VF-1 -2017)

Stakeholders: Manufacturers of vegetative roof assemblies and related systems, designers, installers and building owners, building code officials, architects, engineers, roofing consultants.

Project Need: Review and revise current standard as per SPRI procedures.

Interest Categories: Producer, Other Producer, General Interest, User.

Scope: This design standard provides a method for designing external fire resistance for vegetative roofing systems. It is intended to provide a minimum design and installation reference for those individuals who design, specify, and install vegetative roofing systems. It shall be used in conjunction with the installation specifications and requirements of the manufacturer of the specific products used in the vegetative roofing system.

ULSE (UL Standards & Engagement)

Isabella Brodzinski; isabella.brodzinski@ul.org | 333 Pfingsten Road | Northbrook, IL 60062 https://ul.org/

New Standard

BSR/UL 9990-202x, Standard for Safety for Information and Communication Technology (ICT) Power Cables (new standard)

Stakeholders: Cable assembly manufacturers and distributors, commercial and Industrial users, consumers.

Project Need: This first proposed edition of UL 9990 Standard for Safety for Information and Communication Technology (ICT) Power Cables expands on of the Outline of Investigation for Information and Communication Technology (ICT) Power Cables, UL 9990, dated September 27, 2021, which includes requirements for cable assemblies used in circuits that are in the Extended Power Range. Additionally, the goal is to convert the Outline into an ANSI Standard, since Outlines of Investigation cannot be referenced in other ANSI Standards.

Interest Categories: Producers, Supply Chain, Commercial/Industrial Users, Authorities Having Jurisdiction, Government Agencies, Consumers.

Scope: This Outline of Investigation covers the power handling capabilities of Information and Communication Technology (ICT) cable assemblies when used for powering or charging Audio/Video, Information, and Communication Technology Equipment applications. This does not include Power Over Ethernet cables that are permanently installed to power equipment installed on the network. The signal transmission performance of the cable assemblies is not within the scope of these requirements.

1.2 These requirements apply to ICT cable assemblies categorized below, Type designations used in this Outline only serve as a guide to determine appropriate requirements, and do not represent an assigned rating. (a)Type I: These cable assemblies are intended to be used only in the output of a power source class 2 (PS2) and electrical energy source class 1 (ES1), or a limited power source, as determined in accordance with the Standard for Safety for Audio/Video, Information, and Communication Technology Equipment – Part 1: Safety Requirements, UL 62368-1. These circuits do not exceed 60 V DC, 8.0 amperes and 100 watts. Note: These circuits are sometimes referred to as "low voltage, limited-power circuits", "low voltage, limited-energy circuits" or "NEC® Class 2 circuits". (b) Type II: These cable assemblies are intended to be used in the output of a power source that exceeds the limits for Type I and provide powering or charging for connected equipment that do not exceed 60 V DC, 8.0 amperes and power limits over 100 watts and up to and including 250 watts. These cable assemblies contain an electronic circuit to implement power delivery synchronization (handshaking) with the power source before permitting over 100 W of power. NOTE: These circuits are sometimes referred to as ES1 (< 60Vdc >) and PS3 (> 100VA)

1.3 ICT cable assemblies may also be required to comply with industry specifications applicable to their particular configuration and use. Compliance with these specifications is not within the scope of these requirements.

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: October 16, 2022

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

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

Addenda

BSR/ASHRAE/IES Addendum e to BSR/ASHRAE/IES Standard 90.2-202x, High-Performance Energy Design of Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.2-2018)
This proposal introduces a new section for lighting controls in common and public areas where previously only a reference to the 90.1 requirements was available. This provides 90.2 users with direct access to the necessary provisions, in addition to serving as the leadership compliance option. Compliance with the 90.1 lighting control requirements continues to be an option.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts

NSF (NSF International)

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

Revision

BSR/NSF 25-202x (i18r3), Vending Machines for Food and Beverages (revision of ANSI/NSF 25-2021)
This standard contains requirements for food and beverage vending machines that vend packaged food and beverages and those that vend food and beverages in bulk.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: arose@nsf.org

Comment Deadline: October 16, 2022

NSF (NSF International)

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

Revision

BSR/NSF 359-202x (i5r2), Valves for Cross-Linked Polyethylene (PEX) Water Distribution Tubing Systems (revision of ANSI/NSF 359-2018)
This standard applies to in line-valves for use in radiant heating systems, and hot- and cold-water cross-linked polyethylene (PEX) distribution systems which are compliant with the requirements identified in ASTM F877 for PEX tubing systems.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: jsnider@nsf.org

NSF (NSF International)

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

Revision

BSR/NSF 455-2-202x (i40r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2-2021)
This standard is intended to define a standardized approach for auditing to determine the level of compliance of dietary supplement products to 21 CFR part 111, as well as incorporating additional retailer requirements.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: rbrooker@nsf.org

SDI (ASC A250) (Steel Door Institute)

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

Revision

BSR A250.4-202x, Physical Endurance for Steel Doors, Frames and Frame Anchors (revision of ANSI A250.4-2018)
The primary purpose of this procedure is to establish a standard method of testing the performance of a steel door mounted in a hollow metal or channel iron frame installed with appropriate anchors, under conditions that might reasonably be considered an accelerated field operating condition.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: info@steeldoor.org

ULSE (UL Standards & Engagement)

333 Pfingsten Road, Northbrook, IL 60062-2096 | Susan.P.Malohn@ul.org, https://ul.org/

National Adoption

BSR/UL 61730-1-202x, Standard for Safety for Photovoltaic (PV) Module Safety Qualification - Part 1: Requirements for Construction (national adoption of IEC 61730-1 with modifications and revision of ANSI/UL 61730-1-2020)
(1) Update of References to IEC TS 62915 to UL 62915
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx.

Comment Deadline: October 16, 2022

ULSE (UL Standards & Engagement)

333 Pfingsten Road, Northbrook, IL 60062-2096 | Susan.P.Malohn@ul.org, https://ul.org/

National Adoption

BSR/UL 62446-1-202x, Standard for Photovoltaic (PV) Systems - Requirements for Testing, Documentation and Maintenance - Part 1: Grid Connected Systems - Documentation, Commissioning Tests and Inspection (national adoption with modifications of IEC 62446-1)
1. First Edition of the UL IEC-Based Standard for Photovoltaic (PV) Systems - Requirements for Testing, Documentation and Maintenance - Part 1: Grid Connected Systems - Documentation, Commissioning Tests and Inspection, UL 62446-1, Including Amendment 1 (2018-08).
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx.

ULSE (UL Standards & Engagement)

333 Pfingsten Road, Northbrook, IL 60062-2096 | Susan.P.Malohn@ul.org, https://ul.org/

National Adoption

BSR/UL 62446-2-202x, Standard for Photovoltaic (PV) Systems - Requirements for Testing, Documentation and Maintenance - Part 2: Grid Connected Systems - Maintenance of PV Systems (national adoption with modifications of IEC 62446-2)
(1) First edition of the UL IEC-Based Standard for Photovoltaic (PV) Systems - Requirements for Testing, Documentation and Maintenance - Part 2: Grid Connected Systems - Maintenance of PV Systems, UL 62446-2.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx.

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 763-202x, Standard for Safety for Motor-Operated Commercial Food Preparing Machines (revision of ANSI/UL 763-2020)
This proposal for UL 763 covers revisions to the October 8th, 2021 proposal for: (1) Proposed revision for addition of standard operating controls options and (3) Proposed revision to add references to UL 62368-1 as an option to evaluate power supplies, secondary circuits, and of motor-operated commercial food preparing machines.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx.

Comment Deadline: October 16, 2022

ULSE (UL Standards & Engagement)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | shannon.henesy@ul.org, https://ul.org/

Revision

BSR/UL 962-202x, Standard for Household and Commercial Furnishings (September 16, 2022) (revision of ANSI/UL 962-2022)
This proposal covers: (1) Revisions to correct cross references, address mandatory language, reflect standards writing conventions, clarify requirements, and similar changes in preparation for a new edition.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx.

Comment Deadline: October 31, 2022

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 169-202x, Standard for the Clinical Veterinary Forensic Examination (new standard)
This document provides minimum requirements for the forensic veterinary examination of a live animal and the collection of physical evidence. This includes the physical examination, diagnostic testing, documentation, and evidence handling specific to the examination of live animals encountered in potential civil or criminal forensic cases involving animals.
Single copy price: Free
Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: www.aafs.org/academy-standards-board.
Order from: Document will be provided electronically on AAFS Standards Board website (www.aafs.org/academy-standards-board) free of charge.
Send comments (copy psa@ansi.org) to: asb@aafs.org

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 170-202x, Standard for Veterinary Forensic Postmortem Examination (new standard)
This standard defines services rendered by a veterinarian acting in a forensic capacity and performing veterinary forensic postmortem examinations. The standard establishes minimum practices and procedural requirements for receipt of the body, external and internal examinations, identification, documentation, and sets ancillary testing and diagnostic support requirements. The standard also provides a reference for legal or law enforcement professionals.
Single copy price: Free
Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: www.aafs.org/academy-standards-board.
Order from: Document will be provided electronically on AAFS Standards Board website (www.aafs.org/academy-standards-board) free of charge.
Send comments (copy psa@ansi.org) to: asb@aafs.org

Comment Deadline: October 31, 2022

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | abenedict@aami.org, www.aami.org

Addenda

BSR/AAMI/ISO 11737-1-202x/A1, Sterilization of health care products - Microbiological methods - Part 1: Determination of a population of microorganisms on products - Amendment (addenda to ANSI/AAMI/ISO 11737-1-2018)
This amendment revises B.3.3.4 and corrects formula B.1.
Single copy price: Free
Obtain an electronic copy from: abenedict@aami.org
Send comments (copy psa@ansi.org) to: abenedict@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | abenedict@aami.org, www.aami.org

Reaffirmation

BSR/AAMI/ISO 11137-3-2017 (R202x), Sterilization of health care products - Radiation - Part 3: Guidance on dosimetric aspects (reaffirmation of ANSI/AAMI/ISO 11137-3-2017)
This part of ISO 11137 gives guidance on the requirements in ISO 11137 parts 1 and 2 and in ISO/TS 13004 relating to dosimetry. Dosimetry procedures related to the development, validation, and routine control of a radiation sterilization process are described.
Single copy price: $78.00 (AAMI members)/$139.00 (list)
Obtain an electronic copy from: https://store.aami.org/s/store
Send comments (copy psa@ansi.org) to: abenedict@aami.org

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | abenedict@aami.org, www.aami.org

Reaffirmation

BSR/AAMI/ISO 16142-2-2017 (R202x), Medical devices - Recognized essential principles of safety and performance of medical devices - Part 2: General essential principles and additional specific essential principles for all IVD medical devices and guidance on the selection of standards (reaffirmation of ANSI/AAMI/ISO 16142-2-2017)
Considers and identifies certain significant standards and guides that can be useful in the assessment of conformity of medical devices with recognized essential principles of safety and performance.
Single copy price: $145.00 (AAMI members)/$258.00 (list)
Obtain an electronic copy from: https://store.aami.org/s/store
Send comments (copy psa@ansi.org) to: abenedict@aami.org

Comment Deadline: October 31, 2022

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASABE S623.1-JAN2017 (R202x), Determining Landscape Plant Water Demands (reaffirmation of ANSI/ASABE S623.1-JAN2017)
This methodology will provide an estimate of plant water demands of permanently installed, non-production-based, established landscape material. The standard will provide minimum water demands for acceptable plant appearance and function. This standard does not cover plants for sports fields, golf courses, or food production. This methodology is applicable for planning and design of planted landscape areas as defined in Section 3. It is assumed throughout this standard that the soil around the plants in question are wetted uniformly by precipitation or irrigation.
Single copy price: $75.00
Obtain an electronic copy from: walsh@asabe.org
Order from: Jean Walsh; walsh@asabe.org
Send comments (copy psa@ansi.org) to: Same

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASABE S624-AUG2018 (R202x), Grain Bin Access Design Safety (reaffirmation of ANSI/ASABE S624-AUG2018)
This standard provides recommendations for design parameters in new grain storage bins. This standard applies to new corrugated and smooth-wall steel bins used to store various types of free flowing grain. Excluded from this standard are any steel bins that meet both of the following criteria: The bin has no roof or sidewall access doors, the center fill opening cover has a warning label stating that it is not a personnel access point. These engineering parameters assist with safe entry into and exit from steel bins.
Single copy price: $75.00
Obtain an electronic copy from: walsh@asabe.org
Order from: Jean Walsh; walsh@asabe.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 31, 2022

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASABE S632-1-JUN2018 (R202x), Precision Agriculture Irrigation Language: Core Concepts, Processes, and Objects (reaffirmation of ANSI/ASABE S632-1-JUN2018)
This Standard enables the exchange of weather, soil moisture, and other relevant data, currently stored in a variety of proprietary original equipment manufacturer (OEM) formats, in an industry-wide format that can be used by irrigation data analysis and prescription programs. The goal is to standardize data formats for irrigation equipment, including, but not limited to, weather stations, soil-moisture sensors and irrigation control systems, soils data, GIS data, and other agricultural irrigation-related information impacting irrigation methods and applications.
Single copy price: $75.00
Obtain an electronic copy from: walsh@asabe.org
Order from: Jean Walsh; walsh@asabe.org
Send comments (copy psa@ansi.org) to: Same

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASABE S632-3-JUN2018 (R202x), Precision Agriculture Irrigation Language: Irrigation System Operations (reaffirmation of ANSI/ASABE S632-3-JUN2018)
The purpose of this part of the Standard is to present an object model and reference XML serialization schema to represent the specification and reporting of irrigation water and product applications in an irrigation system. The scope includes planning and preparation phases (represented by documents called Plan, Recommendation and Work Order) as well as the recording of as-applied water and products (known as a Work Record). The scope of this document does not, however, include representing the Observations and Measurements that drive tactical decision-making in irrigation (and the creation of Recommendations and Work Orders); that material, corresponding to an irrigation-specific implementation of the ISO 19156 standard, is covered in Part 2 of this standard. This standard should enable a developer to unambiguously represent the data being communicated in various parts of the farmer's business process associated with irrigation field operations in terms of a set of classes based on the ISO 111783 standard.
Single copy price: $75.00
Obtain an electronic copy from: walsh@asabe.org
Order from: Jean Walsh; walsh@asabe.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 31, 2022

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASABE S641-MAY2018 (R202x), Droplet Size Classification of Aerial Application Nozzles (reaffirmation of ANSI/ASABE S641-MAY2018)
This Standard defines droplet size categories for the classification of aerial application spray atomizers, relative to specified reference flat fan nozzles discharging into a high-speed air stream, which enhances atomization simulating aerial application conditions. The purpose of classification is to provide the nozzle user with droplet size information for use in making application decisions to meet pesticide product label and other regulatory requirements related to pesticide spraying by aircraft.
Single copy price: $75.00
Obtain an electronic copy from: walsh@asabe.org
Order from: Jean Walsh; walsh@asabe.org
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ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASAE D241.4-FEB93 (R202x), Density, Specific Gravity, and Mass-Moisture Relationships of Grain for Storage (reaffirmation of ANSI/ASAE D241.4-FEB93 (R2017))
Provides recommendations for density, specific gravity, and moisture for grain storage.
Single copy price: $75.00
Obtain an electronic copy from: walsh@asabe.org
Order from: Jean Walsh; walsh@asabe.org
Send comments (copy psa@ansi.org) to: Same

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASAE EP302.4-AUG93 (R202x), Design and Construction of Surface Drainage Systems on Agricultural Lands in Humid Areas (reaffirmation of ANSI/ASAE EP302.4-AUG93 (R2017))
This Engineering Practice is intended to improve the design, construction, and maintenance of surface drainage systems which are adapted to modern farm mechanization. It is limited to agricultural or farm-size areas, 259 ha (640 ac) or less, in the humid region of the eastern USA.
Single copy price: $75.00
Obtain an electronic copy from: walsh@asabe.org
Order from: Jean Walsh; walsh@asabe.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 31, 2022

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASAE EP400.3-2007 (R202x), Designing and Constructing Irrigation Wells (reaffirmation of ANSI/ASAE EP400.3-2007 (R2017))
A guide for preparing specifications for irrigation well construction. The objective is to obtain economical wells of high productivity which are relatively sand free with a long projected life. The scope of this Engineering Practice is directed to wells constructed to obtain ground water for irrigation purposes; however, many of the details presented herein also are suitable for domestic, municipal, and industrial wells.
Single copy price: $75.00
Obtain an electronic copy from: walsh@asabe.org
Order from: Jean Walsh; walsh@asabe.org
Send comments (copy psa@ansi.org) to: Same

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASAE EP446.3-2008 (R202x), Loads Exerted by Irish Potatoes in Shallow Bulk Storage Structure (reaffirmation of ANSI/ASAE EP446.3-2008 (R2017))
Provides guidelines from which designers may calculate loads on vertical and inclined walls, partitions, bin fronts, ducts, and appurtenances that are to resist lateral pressure of potatoes stored in bulk. Guidelines may be modified for specific, unique load conditions. For bins that are wider than deep and not deeper than 5.5 m (18 ft). This practice is for bins in which length is greater than width. Applies to maximum potato pressures measured in full-sized bins with wet potatoes
Single copy price: $75.00
Obtain an electronic copy from: walsh@asabe.org
Order from: Jean Walsh; walsh@asabe.org
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ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASAE S303.4-2007 (R202x), Test Procedure for Solids-Mixing Equipment for Animal Feeds (reaffirmation of ANSI/ASAE S303.4-2007 (R2017))
Promotes uniformity and consistency in the terms used to describe and evaluate animal feed mixers. Provides a procedure for testing mixers which ultimately improves the quality of animal feed mixtures.
Single copy price: $75.00
Obtain an electronic copy from: walsh@asabe.org
Order from: Jean Walsh; walsh@asabe.org
Send comments (copy psa@ansi.org) to: Same

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Reaffirmation

BSR/ASAE S319.4-2008 (R202x), Method of Determining and Expressing Fineness of Feed Materials by Sieving (reaffirmation of ANSI/ASAE S319.4-2008 (R2017))
The purpose of the standard is to define a test procedure to determine the fineness of feed ingredients and to define a method of expressing the particle size of the material.
Single copy price: $75.00
Obtain an electronic copy from: walsh@asabe.org
Order from: Jean Walsh; walsh@asabe.org
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ASABE (American Society of Agricultural and Biological Engineers)

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Reaffirmation

BSR/ASAE S401.2-AUG93 (R202x), Guidelines for Use of Thermal Insulation in Agricultural Buildings (reaffirmation of ANSI/ASAE S401.2-AUG93 (R2017))
Establishes guidelines for evaluating and specifying the type, amount, and manner of installation of thermal insulation in agricultural buildings. The scope includes consideration of burning characteristics, insulation values, and proper installation and protection of insulating materials.
Single copy price: $75.00
Obtain an electronic copy from: walsh@asabe.org
Order from: Jean Walsh; walsh@asabe.org
Send comments (copy psa@ansi.org) to: Same

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASAE S448.2-2014 (R202x), Thin-Layer Drying of Agricultural Crops (reaffirmation of ANSI/ASAE S448.2 -2014 (R2018))
Provides a unified procedure for determining and presenting the drying characteristics of grains and crops The drying data determined and presented according to the standard can be used in characterizing the drying rate of a product, product drying computer simulation, performance testing of drying equipment, and product quality evaluations. This standard applies specifically to grains and crops that are dried by forced air convection in a thin layer.
Single copy price: $75.00
Obtain an electronic copy from: walsh@asabe.org
Order from: Jean Walsh; walsh@asabe.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 31, 2022

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASAE S521-DEC91 (R202x), Method of Determining Peanut Blanchability (reaffirmation of ANSI/ASAE S521-DEC91 (R2016))
The purpose of this standard is to establish uniformity and consistency in terms used to describe the blanchability of peanuts, define a test procedure that can be used to quantify the blanchability of a sample of peanuts for comparison with other samples, describe test equipment that ensures accurate control of the test parameters.
Single copy price: $75.00
Obtain an electronic copy from: walsh@asabe.org
Order from: Jean Walsh; walsh@asabe.org
Send comments (copy psa@ansi.org) to: Same

ASABE (American Society of Agricultural and Biological Engineers)

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

Reaffirmation

BSR/ASAE/NFBA EP484.3-DEC2017 (R202x), Diaphragm Design of Metal-Clad, Wood-Frame Rectangular Buildings (reaffirmation and redesignation of ANSI/ASAE EP484.3-DEC2017)
This Engineering Practice is a consensus document for the analysis and design of metal-clad wood-frame buildings using roof and ceiling diaphragms, alone or in combination. The roof (and ceiling) diaphragms, endwalls, intermediate shearwalls, and building frames are the main structural elements of a structural system used to efficiently resist the design lateral (wind, seismic) loads. It gives acceptable methods for analyzing and designing the elements of the diaphragm system and is limited to the analysis of single-story buildings of rectangular shape.
Single copy price: $75.00
Obtain an electronic copy from: walsh@asabe.org
Order from: Jean Walsh; walsh@asabe.org
Send comments (copy psa@ansi.org) to: Same

ASSP (Safety) (American Society of Safety Professionals)

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

Revision

BSR/ASSP Z359.2-202x, Minimum Requirements for a Comprehensive Managed Fall Protection Program (revision and redesignation of ANSI/ASSE Z359.2-2017)
This standard establishes criteria and requirements for an employer's fall protection program including policies, responsibilities, training, survey, and identification of fall hazards, procedures, controlling fall hazards, rescue planning, program implementation, incident investigation, and evaluating program effectiveness.
Single copy price: $150.00
Obtain an electronic copy from: LBauerschmidt@assp.org
Order from: LBauerschmidt@assp.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 31, 2022

CTA (Consumer Technology Association)

1919 S. Eads Street, Arlington, VA 22202 | cakers@cta.tech, www.cta.tech

Revision

BSR/CTA 803-C-202x, Mobile Electronics Wiring Designations for Audio and Vehicle Security/Convenience (revision and redesignation of ANSI/CTA 803-B-2012 (R2017))
This standard defines the terms, abbreviations, and definitions used in the sales and installation of vehicle aftermarket audio and security equipment. The standard adds continuity to mobile electronics installation information, enables easier data collection, and ensures consistency of information to installers.
Single copy price: Free
Obtain an electronic copy from: standards@cta.tech
Order from: standards@cta.tech
Send comments (copy psa@ansi.org) to: CAkers@cta.tech

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

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

New Standard

BSR/ASSE 1066-202x, Performance Requirements for Individual Pressure Balancing In-Line Valves for Individual Fixture Fittings (new standard)
This standard applies to automatic pressure balancing in-line valves for individual fixture fittings which are used to equalize incoming hot and cold water line pressures for the purpose of minimizing mixed water temperature variations due to pressure fluctuations when used in conjunction with a mixing valve or two-handle valve set. These devices shall have a hot and cold water inlet, and a hot and cold water outlet. These devices equalize incoming hot and cold water line pressures for the purpose of minimizing mixed water temperature variations due to pressure fluctuations from the supply side. These devices shall have the capability to significantly reduce the outlet flow in the event of a cold- or hot-water supply failure.
Single copy price: Free
Obtain an electronic copy from: standards@iapmostandards.org
Order from: standards@iapmostandards.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 31, 2022

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

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

Revision

BSR/ASSE 1044-202x, Performance Requirements for Trap Seal Primer - Drainage Types and Electric Design Types (revision of ANSI/ASSE 1044-2015 (R2020))
The trap seal primers covered by this standard are designed to supply water to a drain trap to provide and maintain its water seal by using a supply from a fixture drain line, fill valve (ballcock), flushometer valve tailpiece or an electric trap seal primer. The rate of water flow to the trap shall be permitted to be fixed or adjustable. This Standard covers trap primers used in conjunction with fill valves and flushometer valves, electrical trap primers and trap primer adapters, and specifies requirements for materials, physical characteristics, performance testing, and markings.
Single copy price: Free
Obtain an electronic copy from: standards@iapmostandards.org
Order from: standards@iapmostandards.org
Send comments (copy psa@ansi.org) to: Same

NSF (NSF International)

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

Revision

BSR/NSF 14-202x (i126r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14 -2021)
This Standard establishes minimum physical, performance, and health effects requirements for plastic piping system components and related materials. These criteria were established for the protection of public health and the environment.
Single copy price: Free
Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/document.php?document_id=65869
Send comments (copy psa@ansi.org) to: jsnider@nsf.org

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Rd, Exton, PA 19341 | kcooney@scte.org, www.scte.org

New Standard

BSR/SCTE 227-202x, Cable Operator Location Risk Assessment Operational Practice (new standard)
The scope of this document is to describe the steps necessary to perform a location risk assessment.
Single copy price: $50.00
Obtain an electronic copy from: admin@standards.scte.org
Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com
Send comments (copy psa@ansi.org) to: admin@standards.scte.org

Comment Deadline: October 31, 2022

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

New Standard

BSR/TAPPI T 809 om-202x, Flat crush of corrugating medium (CMT test) (new standard)
This method describes a procedure for measuring the crushing resistance of a laboratory fluted strip of corrugating medium, and provides a means of estimating, in the laboratory, the potential flat crush resistance of a corrugated board.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, standards@tappi.org
Order from: Brittaney Lovett, standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

Reaffirmation

BSR/TAPPI T 281 sp-2018 (R202x), Open drum washer mat sampling technique (reaffirmation of ANSI/TAPPI T 281 sp-2018)
This practice provides a means to collect pulp mat and liquor samples from open drum washers.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, standards@tappi.org
Order from: Brittaney Lovett, standards@tappi.org
Send comments (copy psa@ansi.org) to: Same

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

Reaffirmation

BSR/TAPPI T 1210 sp-2018 (R202x), Units of measurement and conversion factors (reaffirmation of ANSI/TAPPI T 1210 sp-2018)
This Standard Practice deals with the application of the International System of units (abbreviated “SI” or “SI metric units”) within the field of pulp, paper, and paperboard. TAPPI regulations require the use of the SI units as the preferred units in TAPPI Test Methods and other TAPPI publications.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, standards@tappi.org
Order from: Brittaney Lovett, standards@tappi.org
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Comment Deadline: October 31, 2022

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

Reaffirmation

BSR/TAPPI T 1216 sp-2018 (R202x), Indices for whiteness, yellowness, brightness, and luminous reflectance factor (reaffirmation of ANSI/TAPPI T 1216 sp-2018)
This Standard Practice deals only with simplified color indices applicable specifically to white colors. There are approximately 5000 distinguishable white colors. As with any other color, three numbers are necessary for the complete identification of any white. All the color and color difference scales regularly used for color specification are applicable to white colors.
Single copy price: Free
Obtain an electronic copy from: Brittaney Lovett, standards@tappi.org
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Send comments (copy psa@ansi.org) to: Same

ULSE (UL Standards & Engagement)

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

Reaffirmation

BSR/UL 379-2013 (R202x), Standards for Power Units for Fountain, Swimming Pool, and Spa Luminaires (reaffirmation of ANSI/UL 379-2013 (R2017))
This proposal covers the reaffirmation and continuance of the 1st Edition of the Standard for Power Units for Fountain, Swimming Pool, and Spa Luminaires, UL 379, as an American National Standard.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: https://www.shopulstandards.com/
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx.

ULSE (UL Standards & Engagement)

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

Reaffirmation

BSR/UL 698A-2018 (R202x), Standard for Safety for Industrial Control Panels Relating to Hazardous (Classified) Locations (reaffirmation of ANSI/UL 698A-2018)
(1) Reaffirmation and continuance of the fourth edition of the Standard for Safety for Industrial Control Panels Relating to Hazardous (Classified) Locations, UL 698A, as an American National Standard.
Single copy price: Free
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ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 8750-202x, Standard for Safety for Light Emitting Diode (LED) Equipment for Use in Lighting Products (revision of ANSI/UL 8750-2021)
This proposal for UL 8750 covers: (1) Scope update to include power sources; (2) Adding UL 62368-1 to Clause 4.1, List of Standards; (3) Requirements for coin cell lithium batteries; (4) Correction for dimensional requirements in clause 6.4.1- exception 3; (5) Clarification for grounding and bonding; (6) Supply connection options for built-in products; (7) Correct the referred clause in clause 7.11.2.4 (b); (8) Dielectric Voltage Withstand Testing for Products with Integral SPDs; (9) Specifications for Cheesecloth in clause 8.7.1.1 (d); (10) Updates to Marking Requirements; (11) Clarification for SA3.3; (12) Control Circuit Lead Wire Colors - SF4.2.
Single copy price: Free
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ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 8800-202x, Standard for Safety for Horticultural Lighting Equipment and Systems (revision of ANSI/UL 8800-2021)
This proposal for UL 8800 covers revisions to electrical construction requirements to allow attachment plugs, mating receptacles, and connectors to comply with UL 2238 or CSA C22.2 No. 182.3 as an alternative.
Single copy price: Free
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ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 8800-202x, Standard for Safety for Horticultural Lighting Equipment and Systems (revision of ANSI/UL 8800-2021)
This proposal for UL 8800 covers: (1) Addition of indoor wet environmental rating for luminaires; (2) Addition of the requirements for horticultural systems with integrated refrigeration features; (3) Revisions to update photobiological safety markings; (4) Adds requirements for horticultural luminaires supplied from a Remote Located Low Voltage Power Unit or a Remote Located Class 2 Power Unit.
Single copy price: Free
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VITA (VMEbus International Trade Association (VITA))

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

Revision

BSR/VITA 48.8-202x, Mechanical Standard for Electronic VPX Plug-in Modules Using Air Flow Through Cooling (revision of ANSI/VITA 48.8-2017)
This document describes an open standard for the design requirements for an air-flow-through cooled plug-in module having 3U and 6U form factors while retaining the VITA 46.0 connector layout. Unlike using cooling air impinged directly upon the components and circuit boards, this plug-in module uses a finned heat exchanger frame located within the central section of the assembly to top cool primary circuit board components as well as mezzanine board components. Both 3U and 6U standard form factors are offered using three defined pitch spacings, with options to have alternate air flow intake and exhaust paths. The plug-in modules of this standard exhibit a weight reduction and cost savings by eliminating both wedge retainer usage and module lever usage by way of using lightweight jack screws for plug-in module insertion and extraction into a subrack chassis. The intention of this standard is to optimize SWAP-C (Size, Weight, Power, Cost). This revision of the standard updates the plug-in module in the following areas: tab dimensions, thickness, jackscrew, and additional screw. Also, the option for insertion/extraction levers has been removed.
Single copy price: $25.00
Obtain an electronic copy from: admin@vita.com
Send comments (copy psa@ansi.org) to: admin@vita.com

Comment Deadline: November 15, 2022

IEEE (Institute of Electrical and Electronics Engineers)

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

New Standard

BSR/IEEE 2621.1-202x, Standard for Wireless Diabetes Device Security Assurance Evaluation: Connected Electronic Product Security Evaluation Programs (new standard)
This standard defines a framework for a connected electronic product security evaluation program.
Single copy price: pdf: $56.00; print: $69.00
Obtain an electronic copy from: https://www.techstreet.com/
Order from: https://www.techstreet.com/
Send comments (copy psa@ansi.org) to: k.evangelista@ieee.org

Comment Deadline: November 15, 2022

IEEE (Institute of Electrical and Electronics Engineers)

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

New Standard

BSR/IEEE 2621.2-202x, Standard for Wireless Diabetes Device Security: Information Security Requirements for Connected Diabetes Solutions (new standard)
This standard describes the security functional requirements, which compose a Protection Profile (PP), for connected diabetes devices. The scope of the Protection Profile within the development and evaluation process is described in ISO/IEC 15408. In particular, a PP defines the IT security requirements of a generic type of target of evaluation (TOE) and specifies the security measures to be offered by that TOE to meet stated requirements.
Single copy price: pdf: $56.00 (PDF)/$69.00 (Print)
Obtain an electronic copy from: https://www.techstreet.com/
Order from: https://www.techstreet.com/
Send comments (copy psa@ansi.org) to: k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)

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

New Standard

BSR/IEEE 2621.3-202x, Recommended Practice for Wireless Diabetes Device Security: Use of Mobile Devices in Diabetes Control Contexts (new standard)
This standard defines a framework for a connected electronic product security evaluation program, with specific requirements and guidance relating to digital diabetes devices and solutions, such as insulin pumps.
Single copy price: $5.00
Obtain an electronic copy from: https://www.techstreet.com/
Order from: https://www.techstreet.com/
Send comments (copy psa@ansi.org) to: k.evangelista@ieee.org

ULSE (UL Standards & Engagement)

47173 Benicia Street, Fremont, CA 94538 | Marcia.M.Kawate@ul.org, https://ul.org/

Revision

BSR/UL 331-202x, Standard for Safety for Strainers for Flammable Fluids and Anhydrous Ammonia (revision of ANSI/UL 331-2020)
The following is being proposed: (1) Proposed new edition of Standard for Strainers for Flammable Fluids, Anhydrous Ammonia and Non-potable Water, UL/ULC 331, as a joint Canada-US standard.
Single copy price: Free
Order from: Follow the instructions in the following website to enter comments into the CSDS Work Area “https://csds.ul.com/Home/ProposalsDefault.aspx”.
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ULSE (UL Standards & Engagement)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 | jennifer.fields@ul.org, https://ul.org/

Revision

BSR/UL 2904-202x, Standard Method for Testing and Assessing Particle and Chemical Emissions from 3D Printers (revision of ANSI/UL 2904-2019)
General updates to Standard.
Single copy price: Free
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ASQ (ASC Z1) (American Society for Quality)

600 N Plankinton Avenue, Milwaukee, WI 53201 | espaulding@asq.org, www.asq.org

New Technical Report

ASQ TR3-2022, Data Integrity: Guidelines for Collecting, Recording and Retaining Data Within the Scope of Quality Management Systems (technical report)
This Technical Report provides guidance for collecting and using data throughout the data life cycle, in both paper and electronic formats. This guidance is applicable for the implementation of data integrity processes for organizations of any type, size, or complexity. Data integrity principles apply to data related to product-based and service based businesses (e.g., management consulting, engineering, metrology, maintenance and repair, healthcare, finance) and across functions and operational applications. This guidance is applicable across the quality discipline and in all industries. Data integrity as a principle has universal application; therefore, the concepts, case examples, tools, and techniques provided are all structured to apply in many scenarios.
Single copy price: $85.00
Order from: standards@asq.org

Withdrawal of an ANS by ANSI-Accredited Standards Developer

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

API (American Petroleum Institute)

200 Massachusetts Avenue NW, Washington, DC 20001 | burklek@api.org, www.api.org

ANSI/API Spec 11D1/ISO 14310, 3rd Edition-2014, Packers and Bridge Plugs
Direct inquiries to: Katie Burkle; burklek@api.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.

ANS (American Nuclear Society)

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

Reaffirmation

ANSI/ANS 8.5-1996 (R2022), Use of Borosilicate-Glass Raschig Rings as a Neutron Absorber in Solutions of Fissile Material (reaffirmation of ANSI/ANS 8.21-1995 (R2019)) Final Action Date: 9/8/2022

Reaffirmation

ANSI/ANS 8.6-1983 (R2022), Safety in Conducting Subcritical Neutron-Multiplication Measurements in Situ (reaffirmation of ANSI/ANS 8.6-1983 (R2017)) Final Action Date: 9/9/2022

Revision

ANSI/ANS 8.3-2022, Criticality Accident Alarm System (revision of ANSI/ANS 8.3-1997 (R2017)) Final Action Date: 9/9/2022

ASABE (American Society of Agricultural and Biological Engineers)

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

New Standard

ANSI/ASABE S660 MONYEAR-2022, Procedure for Evaluating the Distribution Uniformity for Large Granular Broadcast Applicators (new standard) Final Action Date: 9/6/2022

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

Revision

ANSI X9.95-2022, Trusted Time Stamp Management and Security (revision of ANSI X9.95-2016) Final Action Date: 9/8/2022

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

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

Addenda

ANSI/ASHRAE Addendum ag to ANSI/ASHRAE Standard 34-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2019) Final Action Date: 8/31/2022

Addenda

ANSI/ASHRAE Addendum a to ANSI/ASHRAE Standard 140-2020, Method of Test for Evaluating Building Performance Simulation Software (addenda to ANSI/ASHRAE Standard 140-2014) Final Action Date: 8/31/2022

Addenda

ANSI/ASHRAE Addendum g to ANSI/ASHRAE Standard 15-2019, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2019) Final Action Date: 8/31/2022

Addenda

ANSI/ASHRAE Addendum l to ANSI/ASHRAE Standard 15-2019, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2019) Final Action Date: 8/31/2022

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

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

Addenda

ANSI/ASHRAE Addendum p to ANSI/ASHRAE Standard 15-2019, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2019) Final Action Date: 8/31/2022

Addenda

ANSI/ASHRAE Addendum s to ANSI/ASHRAE Standard 15-2019, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2019) Final Action Date: 8/31/2022

Addenda

ANSI/ASHRAE Addendum u to ANSI/ASHRAE Standard 15-2019, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2019) Final Action Date: 8/31/2022

Addenda

ANSI/ASHRAE Addendum v to ANSI/ASHRAE Standard 15-2019, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2019) Final Action Date: 8/31/2022

Addenda

ANSI/ASHRAE Addendum w to ANSI/ASHRAE Standard 15-2019, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2019) Final Action Date: 8/31/2022

Addenda

ANSI/ASHRAE/IES Addendum ag to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019) Final Action Date: 9/9/2022

Addenda

ANSI/ASHRAE/IES Addendum ap to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019) Final Action Date: 9/9/2022

Addenda

ANSI/ASHRAE/IES Addendum ar to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019) Final Action Date: 9/9/2022

Addenda

ANSI/ASHRAE/IES Addendum ay to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019) Final Action Date: 9/9/2022

Addenda

ANSI/ASHRAE/IES Addendum ba to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019) Final Action Date: 9/9/2022

Addenda

ANSI/ASHRAE/IES Addendum cc to ANSI/ASHRAE/IES Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019) Final Action Date: 9/9/2022

Revision

ANSI/ASHRAE Standard 118.1-2022, Method of Testing for Rating Commercial Gas, Electric and Oil Service Water Heating Equipment (revision of ANSI/ASHRAE Standard 118.1-2012) Final Action Date: 8/31/2022

ASME (American Society of Mechanical Engineers)

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

Revision

ANSI/ASME B31.4-2022, Pipeline Transportation Systems for Liquids and Slurries (revision of ANSI/ASME B31.4 -2019) Final Action Date: 9/6/2022

ASQ (ASC Z1) (American Society for Quality)

600 N Plankinton Avenue, Milwaukee, WI 53201 | espaulding@asq.org, www.asq.org

National Adoption

ANSI ASQ/ISO 16355-1-2022, Application of statistical and related methods to new technology and product development process - Part 1: General principles and perspectives of quality function deployment (QFD) (identical national adoption of ISO 16355-1:2021 and revision of ANSI/ASQ/ISO 16355-1-2015) Final Action Date: 9/8/2022

National Adoption

ANSI ASQ/ISO 16355-2-2022, Applications of statistical and related methods to new technology and product development process - Part 2:Non-quantitative approaches for the acquisition of voice of customer and voice of stakeholder (identical national adoption of ISO 16355-2:2017) Final Action Date: 9/8/2022

AWS (American Welding Society)

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

National Adoption

ANSI/AWS A5.9/A5.9M-2022 (ISO 14343-2017 MOD), Specification for Bare Stainless Steel Welding Electrodes and Rods (national adoption of ISO 14343:2017 with modifications and revision of ANSI/AWS A5.9/A5.9M:2017 (ISO 14343:2009 MOD)) Final Action Date: 9/8/2022

Reaffirmation

ANSI/AWS A5.4/A5.4M-2012 (R2022), Specification for Stainless Steel Electrodes for Shielded Metal Arc Welding (reaffirmation of ANSI/AWS A5.4/A5.4M-2012) Final Action Date: 9/8/2022

Reaffirmation

ANSI/AWS B2.1-1-027-2018 (R2022), Standard Welding Procedure Specification (SWPS) for Self-Shielded Flux Cored Arc Welding of Carbon Steel (M-1 or P-1, Groups 1 and 2), 1/8 inch [3 mm] through 1/2 inch [13 mm] Thick, E71T-11, in the As-Welded Condition, Primarily Plate and Structural Applications (reaffirmation of ANSI/AWS B2.1 -1-027-2018) Final Action Date: 9/6/2022

Revision

ANSI/AWS A5.5/A5.5M-2022, Specification for Low-Alloy Steel Electrodes for Shielded Metal Arc Welding (revision of ANSI/AWS A5.5/A5.5M-2014) Final Action Date: 9/8/2022

Revision

ANSI/AWS A5.29/A5.29M-2022, Specification for Low-Alloy Steel Electrodes for Flux Cored Arc Welding (revision of ANSI/AWS A5.29/A5.29M-2021) Final Action Date: 9/8/2022

Revision

ANSI/AWS A5.30/A5.30M-2022, Specification for Consumable Inserts (revision of ANSI/AWS A5.30/A5.30M:2007) Final Action Date: 9/8/2022

AWS (American Welding Society)

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

Revision

ANSI/AWS C3.6M/C3.6-2022 AMD2, Specification for Furnace Brazing (revision and redesignation of ANSI/AWS C3.6M/C3.6:2016, ANSI/AWS C3.6M/C3.6-2019 AMD1) Final Action Date: 9/8/2022

Revision

ANSI/AWS D14.9/D14.9M-2022, Specification for the Welding of Hydraulic Cylinders (revision of ANSI/AWS D14.9/D14.9M-2012) Final Action Date: 9/8/2022

CSA (CSA America Standards Inc.)

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

Reaffirmation

ANSI Z21.8-1994 (R2022), Installation of Domestic Gas Conversion Burners (same as CSA Z21.8) (reaffirmation of ANSI Z21.8-1994 (R2017)) Final Action Date: 9/8/2022

CTA (Consumer Technology Association)

1919 S. Eads Street, Arlington, VA 22202 | cakers@cta.tech, www.cta.tech

Revision

ANSI/CTA/NSF-2052.1-A-2022, Definitions and Characteristics for Wearable Sleep Monitors (revision and redesignation of ANSI/CTA/NSF-2052.1) Final Action Date: 9/9/2022

IEEE (Institute of Electrical and Electronics Engineers)

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

New Standard

ANSI/IEEE C37.100.2-2022, Standard for Common Requirements for Testing of AC Capacitive Current Switching Devices over 1000 V (new standard) Final Action Date: 9/6/2022

Revision

ANSI/IEEE C37.121-2022, Guide for Switchgear - Unit Substation - Requirements (revision of ANSI/IEEE C37.121 -2012) Final Action Date: 9/7/2022

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

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

Reaffirmation

INCITS 4-1986 [R2022], Information Systems - Coded Character Sets - 7-Bit Standard Code for Information Interchange (7-Bit ASCII) (reaffirmation of INCITS 4-1986 [R2017]) Final Action Date: 9/8/2022

Reaffirmation

INCITS 510-2017 [R2022], Information technology - Fibre Channel - Generic Services - 7 (FC-GS-7) (reaffirmation of INCITS 510-2017) Final Action Date: 9/8/2022

Reaffirmation

INCITS/ISO 19101-1:2014 [R2022], Geographic information - Reference model - Part 1: Fundamentals (reaffirmation of INCITS/ISO 19101-1:2014 [2017]) Final Action Date: 9/6/2022

Reaffirmation

INCITS/ISO/IEC 19794-1:2006 [R2022], Information technology - Biometric data interchange formats - Part 1: Framework (reaffirmation of INCITS/ISO/IEC 19794-1:2006 [R2017]) Final Action Date: 9/8/2022

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

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

Reaffirmation

INCITS/ISO/IEC 19794-2:2005 [R2022], Information technology - Biometric data interchange formats - Part 2: Finger minutiae data (reaffirmation of INCITS/ISO/IEC 19794-2:2005 [R2017]) Final Action Date: 9/8/2022

Reaffirmation

INCITS/ISO/IEC 19794-3:2006 [R2022], Information technology - Biometric data interchange formats - Part 3: Finger pattern spectral data (reaffirmation of INCITS/ISO/IEC 19794-3:2006 [R2017]) Final Action Date: 9/8/2022

Reaffirmation

INCITS/ISO/IEC 19794-4:2005 [R2022], Information technology - Biometric data interchange formats - Part 4: Finger image data (reaffirmation of INCITS/ISO/IEC 19794-4:2005 [R2017]) Final Action Date: 9/8/2022

Reaffirmation

INCITS/ISO/IEC 19794-5:2005 [R2022], Information technology - Biometric data interchange formats - Part 5: Face image data (reaffirmation of INCITS/ISO/IEC 19794-5:2005 [R2017]) Final Action Date: 9/8/2022

Reaffirmation

INCITS/ISO/IEC 19794-6:2005 [R2022], Information technology - Biometric data interchange formats - Part 6: Iris image data (reaffirmation of INCITS/ISO/IEC 19794-6:2005 [R2017]) Final Action Date: 9/8/2022

Reaffirmation

INCITS/ISO/IEC 19794-7:2007 [R2022], Information technology - Biometric data interchange formats - Part 7: Signature/sign time series data (reaffirmation of INCITS/ISO/IEC 19794-7:2007 [R2017]) Final Action Date: 9/8/2022

Reaffirmation

INCITS/ISO/IEC 19794-9:2007 [R2022], Information technology - Biometric data interchange formats - Part 9: Vascular image data (reaffirmation of INCITS/ISO/IEC 19794-9:2007 [R2017]) Final Action Date: 9/8/2022

Reaffirmation

INCITS/ISO/IEC 19794-10:2007 [R2022], Information technology - Biometric data interchange formats - Part 10: Hand geometry silhouette data (reaffirmation of INCITS/ISO/IEC 19794-10:2007 [R2017]) Final Action Date: 9/8/2022

Reaffirmation

INCITS/ISO/IEC 6937:2001 [R2022], Information technology - Coded graphic character set for text communication - Latin alphabet (reaffirmation of INCITS/ISO/IEC 6937:2001 [R2017]) Final Action Date: 9/8/2022

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02269-9101 | PFoley@nfpa.org, www.nfpa.org

Revision

ANSI/NFPA 25-2023, Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems (revision of ANSI/NFPA 25-2020) Final Action Date: 9/1/2022

Revision

ANSI/NFPA 70®-2023, National Electrical Code® (revision of ANSI/NFPA 70-2020) Final Action Date: 9/1/2022

NFPA (National Fire Protection Association)

One Batterymarch Park, Quincy, MA 02269-9101 | PFoley@nfpa.org, www.nfpa.org

Revision

ANSI/NFPA 86-2023, Standard for Ovens and Furnaces (revision of ANSI/NFPA 86-2019) Final Action Date: 9/1/2022

Revision

ANSI/NFPA 130-2023, Standard for Fixed Guideway Transit and Passenger Rail Systems (revision of ANSI/NFPA 130-2020) Final Action Date: 9/1/2022

Revision

ANSI/NFPA 285-2023, Standard Fire Test Method for Evaluation of Fire Propagation Characteristics of Exterior Wall Assemblies Containing Combustible Components (revision of ANSI/NFPA 285-2019) Final Action Date: 9/1/2022

Revision

ANSI/NFPA 502-2023, Standard for Road Tunnels, Bridges, and Other Limited Access Highways (revision of ANSI/NFPA 502-2020) Final Action Date: 9/1/2022

Revision

ANSI/NFPA 855-2023, Standard for the Installation of Stationary Energy Storage Systems (revision of ANSI/NFPA 855-2020) Final Action Date: 9/1/2022

NSF (NSF International)

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

Revision

ANSI/NSF 40-2022 (i44r2), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2020) Final Action Date: 9/6/2022

Revision

ANSI/NSF 40-2022 (i45r3), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2020) Final Action Date: 8/29/2022

Revision

ANSI/NSF 40-2022 (i46r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2020) Final Action Date: 8/26/2022

Revision

ANSI/NSF 40-2022 (i48r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2020) Final Action Date: 8/29/2022

Revision

ANSI/NSF 40-2022 (i50r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2020) Final Action Date: 9/5/2022

Revision

ANSI/NSF 41-2022 (i13r1), Non-liquid Saturated Treatment Systems (revision of ANSI/NSF 41-2018) Final Action Date: 9/5/2022

NSF (NSF International)

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

Revision

ANSI/NSF 46-2022 (i42r1), Evaluation of Components and Devices Used in Wastewater Treatment Systems (revision of ANSI/NSF 46-2021) Final Action Date: 9/5/2022

Revision

ANSI/NSF 49-2022 (i143r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2020) Final Action Date: 8/24/2022

Revision

ANSI/NSF 49-2022 (i161r1), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2020) Final Action Date: 8/31/2022

Revision

ANSI/NSF 49-2022 (i162r2), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2020) Final Action Date: 9/7/2022

Revision

ANSI/NSF 53-2022 (i132r2), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2021) Final Action Date: 9/2/2022

Revision

ANSI/NSF 173-2022 (i91r1), Dietary Supplements (revision of ANSI/NSF 173-2021) Final Action Date: 9/8/2022

Revision

ANSI/NSF 244-2022 (i14r1), Supplemental Microbiological Water Treatment Systems - Filtration (revision of ANSI/NSF 244-2021) Final Action Date: 8/29/2022

Revision

ANSI/NSF 245-2022 (i30r1), Residential Wastewater Treatment Systems - Nitrogen Reduction (revision of ANSI/NSF 245-2020) Final Action Date: 8/29/2022

Revision

ANSI/NSF 245-2022 (i31r1), Residential Wastewater Treatment Systems - Nitrogen Reduction (revision of ANSI/NSF 245-2020) Final Action Date: 9/5/2022

Revision

ANSI/NSF 332-2022 (i10r1), Sustainability Assessment for Resilient Floor Coverings (revision of ANSI/NSF 332 -2015 (i8r1)) Final Action Date: 8/28/2022

Revision

ANSI/NSF 332-2022 (i11r1), Sustainability Assessment for Resilient Floor Coverings (revision of ANSI/NSF 332 -2015) Final Action Date: 9/4/2022

Revision

ANSI/NSF 332-2022 (i12r1), Sustainability Assessment for Resilient Floor Coverings (revision of ANSI/NSF 332 -2015) Final Action Date: 9/4/2022

Revision

ANSI/NSF 350-2022 (i71r1), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2020) Final Action Date: 9/5/2022

NSF (NSF International)

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

Revision

ANSI/NSF 350-2022 (i72r1), Onsite Residential and Commercial, Water Reuse Treatment Systems (revision of ANSI/NSF 350-2020) Final Action Date: 8/19/2022

Revision

ANSI/NSF 385-2022 (i14r1), Disinfection Mechanics (revision of ANSI/NSF 385-2021) Final Action Date: 9/5/2022

ULSE (UL Standards & Engagement)

333 Pfingsten Road, Northbrook, IL 60062-2096 | Lisette.delgado@ul.org, https://ul.org/

Reaffirmation

ANSI/UL 486G-2018 (R2022), Standard for Sealed Twist-On Connecting Devices (reaffirmation of ANSI/UL 486G -2018) Final Action Date: 9/8/2022

Reaffirmation

ANSI/UL 586-2017 (R2022), High-Efficiency, Particulate, Air Filter Units (reaffirmation of ANSI/UL 586-2017) Final Action Date: 9/7/2022

Revision

ANSI/UL 207-2022, Standard for Refrigerant-Containing Components and Accessories (revision of ANSI/UL 207 -2020) Final Action Date: 8/26/2022

Revision

ANSI/UL 796-2022a, Standard for Safety for Printed Wiring Boards (revision of ANSI/UL 796-2022) Final Action Date: 9/7/2022

Revision

ANSI/UL 1996-2022, Standard for Safety for Electric Duct Heaters (revision of ANSI/UL 1996-2021) Final Action Date: 8/30/2022

Call for Members (ANS Consensus Bodies)

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

ANSI Accredited Standards Developer

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

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

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

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

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

ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

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

Call for Members (ANS Consensus Bodies)

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | abenedict@aami.org, www.aami.org

BSR/AAMI/ISO 11137-3-2017 (R202x), Sterilization of health care products - Radiation - Part 3: Guidance on dosimetric aspects (reaffirmation of ANSI/AAMI/ISO 11137-3-2017)

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | abenedict@aami.org, www.aami.org

BSR/AAMI/ISO 11737-1-202x/A1, Sterilization of health care products - Microbiological methods - Part 1: Determination of a population of microorganisms on products - Amendment (addenda to ANSI/AAMI/ISO 11737-1 -2018)

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 | abenedict@aami.org, www.aami.org

BSR/AAMI/ISO 16142-2-2017 (R202x), Medical devices - Recognized essential principles of safety and performance of medical devices - Part 2: General essential principles and additional specific essential principles for all IVD medical devices and guidance on the selection of standards (reaffirmation of ANSI/AAMI/ISO 16142-2-2017)

CTA (Consumer Technology Association)

1919 S. Eads Street, Arlington, VA 22202 | cakers@cta.tech, www.cta.tech

BSR/CTA 803-C-202x, Mobile Electronics Wiring Designations for Audio and Vehicle Security/Convenience (revision and redesignation of ANSI/CTA 803-B-2012 (R2017))
CTA is seeking new members to join the consensus body. CTA and the R6 Intelligent Mobility Committee are particularly interested in adding new members (called "users" who acquire health & fitness products from those who create them) as well as those with a general interest.

CTA (Consumer Technology Association)

1919 S. Eads Street, Arlington, VA 22202 | cakers@cta.tech, www.cta.tech

BSR/CTA 2010-C-202x, Standard Method of Measurement for Powered Subwoofers (revision and redesignation of ANSI/CTA 2010-B-2014 (R2020))
CTA and the R3 Audio Systems Committee are particularly interested in adding new members (called "users") who acquire audio products from those who create them, and in adding new members who neither produce nor use audio products, such as regulators, associations, and others (called members with a "general interest").

CTA (Consumer Technology Association)

1919 S. Eads Street, Arlington, VA 22202 | cakers@cta.tech, www.cta.tech

BSR/CTA 2034-B-202x, Standard Method of Measurement for In-Home Loudspeakers (revision and redesignation of ANSI/CTA 2034-A-2015 (R2020))
CTA and the R3 Audio Systems Committee are particularly interested in adding new members (called "users") who acquire audio products from those who create them, and in adding new members who neither produce nor use audio products, such as regulators, associations, and others (called members with a "general interest").

Call for Members (ANS Consensus Bodies)

CTA (Consumer Technology Association)

1919 S. Eads Street, Arlington, VA 22202 | cakers@cta.tech, www.cta.tech

BSR/CTA 2054-202x, Specifications for Selecting an Amplifier for Use with a Loudspeaker System (new standard)
CTA and the R3 Audio Systems Committee are particularly interested in adding new members (called "users") who acquire audio products from those who create them, and in adding new members who neither produce nor use audio products, such as regulators, associations, and others (called members with a "general interest").

CTA (Consumer Technology Association)

1919 S. Eads Street, Arlington, VA 22202 | cakers@cta.tech, www.cta.tech

BSR/CTA 2099-A-202x, Standard Method of Measurement for Matching In-Home Amplifiers and Loudspeakers (revision of ANSI/CTA 2099-2022)
CTA and the R3 Audio Systems Committee are particularly interested in adding new members (called "users") who acquire audio products from those who create them, and in adding new members who neither produce nor use audio products, such as regulators, associations, and others (called members with a "general interest").

NSF (NSF International)

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

BSR/NSF 14-202x (i126r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14 -2021)

NSF (NSF International)

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

BSR/NSF 25-202x (i18r3), Vending Machines for Food and Beverages (revision of ANSI/NSF 25-2021)

NSF (NSF International)

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

BSR/NSF 359-202x (i5r2), Valves for Cross-linked Polyethylene (PEX) Water Distribution Tubing Systems (revision of ANSI/NSF 359-2018)

NSF (NSF International)

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

BSR/NSF 455-2-202x (i40r1), Good Manufacturing Practices for Dietary Supplements (revision of ANSI/NSF 455-2 -2021)

SDI (ASC A250) (Steel Door Institute)

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

BSR A250.4-202x, Physical Endurance for Steel Doors, Frames and Frame Anchors (revision of ANSI A250.4-2018)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 281 sp-2018 (R202x), Open drum washer mat sampling technique (reaffirmation of ANSI/TAPPI T 281 sp-2018)

Call for Members (ANS Consensus Bodies)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 809 om-202x, Flat crush of corrugating medium (CMT test) (new standard)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 1210 sp-2018 (R202x), Units of measurement and conversion factors (reaffirmation of ANSI/TAPPI T 1210 sp-2018)

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

BSR/TAPPI T 1216 sp-2018 (R202x), Indices for whiteness, yellowness, brightness, and luminous reflectance factor (reaffirmation of ANSI/TAPPI T 1216 sp-2018)

VITA (VMEbus International Trade Association (VITA))

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

BSR/VITA 48.8-202x, Mechanical Standard for Electronic VPX Plug-in Modules Using Air Flow Through Cooling (revision of ANSI/VITA 48.8-2017)

American National Standards (ANS) Process

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

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

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

• ANSI Essential Requirements: Due process requirements for American National Standards (always current edition): www.ansi.org/essentialrequirements

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

• Accreditation information – for potential developers of American National Standards (ANS): www.ansi.org/sdoaccreditation

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

• Lists of ANSI-Accredited Standards Developers (ASDs), Proposed ANS and Approved ANS: www.ansi.org/asd

• American National Standards Key Steps: www.ansi.org/anskeysteps

• American National Standards Value: www.ansi.org/ansvalue

• ANS Web Forms for ANSI-Accredited Standards Developers: https://www.ansi.org/portal/psawebforms/

• Information about standards Incorporated by Reference (IBR): https://ibr.ansi.org/

• ANSI - Education and Training: www.standardslearn.org

American National Standards Under Continuous Maintenance

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

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

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

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

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

ANSI-Accredited Standards Developers (ASD) Contacts

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

AAFS
American Academy of Forensic Sciences
410 North 21st Street
Colorado Springs, CO 80904
www.aafs.org

Teresa Ambrosius
tambrosius@aafs.org

AAMI
Association for the Advancement of Medical Instrumentation
901 N. Glebe Road, Suite 300
Arlington, VA 22203
www.aami.org

Amanda Benedict
abenedict@aami.org

ANS
American Nuclear Society
555 North Kensington Avenue
La Grange Park, IL 60526
www.ans.org

Kathryn Murdoch
kmurdoch@ans.org

ASABE
American Society of Agricultural and Biological Engineers
2950 Niles Road
Saint Joseph, MI 49085
https://www.asabe.org/

Jean Walsh
walsh@asabe.org

ASC X9
Accredited Standards Committee X9, Incorporated
275 West Street, Suite 107
Annapolis, MD 21401
www.x9.org

Ambria Frazier
admin@x9.org

ASHRAE
American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
180 Technology Parkway
Peachtree Corners, GA 30092
www.ashrae.org

Carmen King
cking@ashrae.org

Emily Toto
etoto@ashrae.org

Ryan Shanley
rshanley@ashrae.org

ASME
American Society of Mechanical Engineers
Two Park Avenue, 6th Floor
New York, NY 10016
www.asme.org

Maria Acevedo
ansibox@asme.org

ASQ (ASC Z1)
American Society for Quality
600 N Plankinton Avenue
Milwaukee, WI 53201
www.asq.org

Elizabeth Spaulding
espaulding@asq.org

ASSP (Safety)
American Society of Safety Professionals
520 N. Northwest Highway
Park Ridge, IL 60068
www.assp.org

Lauren Bauerschmidt
LBauerschmidt@assp.org

AWS
American Welding Society
8669 NW 36th Street, Suite 130
Miami, FL 33166
www.aws.org

Jennifer Rosario
jrosario@aws.org

Kevin Bulger
kbulger@aws.org

CSA
CSA America Standards Inc.
8501 East Pleasant Valley Road
Cleveland, OH 44131
www.csagroup.org

Debbie Chesnik
ansi.contact@csagroup.org

CTA
Consumer Technology Association
1919 S. Eads Street
Arlington, VA 22202
www.cta.tech

Catrina Akers
cakers@cta.tech

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

Terry Burger
terry.burger@asse-plumbing.org

IEEE
Institute of Electrical and Electronics Engineers
445 Hoes Lane
Piscataway, NJ 08854
www.ieee.org

Karen Evangelista
k.evangelista@ieee.org

ITI (INCITS)
InterNational Committee for Information Technology Standards
700 K Street NW, Suite 600
Washington, DC 20001
www.incits.org

Deborah Spittle
comments@standards.incits.org

NFPA
National Fire Protection Association
One Batterymarch Park
Quincy, MA 02169
www.nfpa.org

Dawn Michele Bellis
dbellis@nfpa.org

NFPA
National Fire Protection Association
One Batterymarch Park
Quincy, MA 02269
www.nfpa.org

Patrick Foley
PFoley@nfpa.org

NSF
NSF International
789 N. Dixboro Road
Ann Arbor, MI 48105
www.nsf.org

Allan Rose
arose@nsf.org

Andrea Burr
aburr@nsf.org

Jason Snider
jsnider@nsf.org

Monica Milla
mmilla@nsf.org

Rachel Brooker
rbrooker@nsf.org

SCTE
Society of Cable Telecommunications Engineers
140 Philips Rd
Exton, PA 19341
www.scte.org

Kim Cooney
kcooney@scte.org

SDI (ASC A250)
Steel Door Institute
30200 Detroit Road
Westlake, OH 44145
www.wherryassocsteeldoor.org

Linda Hamill
leh@wherryassoc.com

SPRI
Single Ply Roofing Industry
465 Waverley Oaks Road, Suite 421
Waltham, MA 02452
www.spri.org

Linda King
info@spri.org

TAPPI
Technical Association of the Pulp and Paper Industry
15 Technology Parkway
Peachtree Corners, GA 30092
www.tappi.org

Tiffany Plummer
standards@tappi.org

ULSE
UL Standards & Engagement
12 Laboratory Drive
Research Triangle Park, NC 27709
https://ul.org/

Caroline Treuthardt
caroline.treuthardt@ul.org

Doreen Stocker
Doreen.Stocker@ul.org

Jennifer Fields
jennifer.fields@ul.org

Julio Morales
Julio.Morales@UL.org

Kelly Smoke
kelly.smoke@ul.org

Shannon Henesy
shannon.henesy@ul.org

Vickie Hinton
Vickie.T.Hinton@ul.org

ULSE
UL Standards & Engagement
333 Pfingsten Road
Northbrook, IL 60062
https://ul.org/

Alan McGrath
alan.t.mcgrath@ul.org

Amy Walker
Amy.K.Walker@ul.org

Isabella Brodzinski
isabella.brodzinski@ul.org

Lisette Delgado
Lisette.delgado@ul.org

Susan Malohn
Susan.P.Malohn@ul.org

ULSE
UL Standards & Engagement
47173 Benicia Street
Fremont, CA 94538
https://ul.org/

Marcia Kawate
Marcia.M.Kawate@ul.org

VITA
VMEbus International Trade Association (VITA)
929 W. Portobello Avenue
Mesa, AZ 85210
www.vita.com

Jing Kwok
jing.kwok@vita.com

ISO & IEC Draft International Standards

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

COMMENTS

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

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

ORDERING INSTRUCTIONS

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

ISO Standards

Agricultural food products (TC 34)

ISO/DIS 24382, Bee pollen - Specifications - 11/25/2022, $102.00

Aircraft and space vehicles (TC 20)

ISO/DIS 17546, Space systems - Lithium ion battery for space vehicles - Design and verification requirements - 12/1/2022, FREE

Anaesthetic and respiratory equipment (TC 121)

ISO/DIS 18562-1, Biocompatibility evaluation of breathing gas pathways in healthcare applications - Part 1: Evaluation and testing within a risk management process - 11/28/2022, $102.00

ISO/DIS 18562-2, Biocompatibility evaluation of breathing gas pathways in healthcare applications - Part 2: Tests for emissions of particulate matter - 11/28/2022, $71.00

ISO/DIS 18562-3, Biocompatibility evaluation of breathing gas pathways in healthcare applications - Part 3: Tests for emissions of volatile organic substances - 11/27/2022, $71.00

ISO/DIS 18562-4, Biocompatibility evaluation of breathing gas pathways in healthcare applications - Part 4: Tests for leachables in condensate - 11/27/2022, $77.00

Building environment design (TC 205)

ISO 11855-1:2021/DAmd 1, - Amendment 1: Building environment design - Embedded radiant heating and cooling systems - Part 1: Definitions, symbols, and comfort criteria - Amendment 1 - 11/28/2022, $58.00

Cleaning equipment for air and other gases (TC 142)

ISO/DIS 23139, Biological equipment for treating air and other gases - Application guidance for deodorization in wastewater treatment plants - 7/10/2022, $58.00

Corrosion of metals and alloys (TC 156)

ISO/FDIS 4680, Corrosion of metals and alloys - Uniaxial constant-load test method for evaluating susceptibility of metals and alloys to stress corrosion cracking in high-purity water at high temperatures - 9/25/2021, $93.00

ISO/DIS 7539-12, Corrosion of metals and alloys - Stress corrosion testing - Part 12: Requirements for atmospheric stress corrosion cracking testing - 7/14/2022, $53.00

Dentistry (TC 106)

ISO/DIS 24395, Dentistry - Classification of tooth restorations preparation - 7/10/2022, $33.00

Dimensional and Geometrical Product Specifications and Verification (TC 213)

ISO/DIS 18183-1, Geometrical product specifications (GPS) - Partition - Part 1: Terms, definitions and basic concepts - 11/28/2022, $71.00

ISO/DIS 18183-2, Geometrical product specifications (GPS) - Partition - Part 2: Nominal model - 11/27/2022, $40.00

ISO/DIS 18183-3, Geometrical product specifications (GPS) - Partition - Part 3: Methods used for specification and verification - 11/27/2022, $71.00

Ergonomics (TC 159)

ISO/DIS 20685-2, Ergonomics - 3-D scanning methodologies for internationally compatible anthropometric databases - Part 2: Evaluation protocol of surface shape and repeatability of relative landmark positions - 7/9/2022, $77.00

Fasteners (TC 2)

ISO/FDIS 2702, Fasteners - Heat treated tapping screws - Mechanical and physical properties - 12/12/2021, $58.00

Fine ceramics (TC 206)

ISO/FDIS 18755, Fine ceramics (advanced ceramics, advanced technical ceramics) - Determination of thermal diffusivity of monolithic ceramics by flash method - 8/1/2021, $112.00

Graphic technology (TC 130)

ISO/FDIS 2834-2, Graphic technology - Laboratory preparation of test prints - Part 2: Liquid printing inks - 11/6/2021, $53.00

Healthcare organization management (TC 304)

ISO/DIS 7101, Healthcare quality management systems - Requirements - 11/28/2022, $102.00

Mechanical testing of metals (TC 164)

ISO/DIS 6508-1, Metallic materials - Rockwell hardness test - Part 1: Test method - 11/27/2022, $93.00

ISO/DIS 6508-2, Metallic materials - Rockwell hardness test - Part 2: Verification and calibration of testing machines and indenters - 11/27/2022, $82.00

ISO/DIS 6508-3, Metallic materials - Rockwell hardness test - Part 3: Calibration of reference blocks - 11/28/2022, $77.00

Nanotechnologies (TC 229)

ISO/DIS 19337, Nanotechnologies - Characteristics of working suspensions of nano-objects for in vitro assays to evaluate inherent nano-object toxicity - 7/10/2022, $67.00

Non-destructive testing (TC 135)

ISO/DIS 4773, Non-destructive testing - Ultrasonic guided wave testing using the phased array technique - 7/9/2022, $67.00

Optics and optical instruments (TC 172)

IEC/DIS 80601-2-58,, $102.00

Paints and varnishes (TC 35)

ISO/DIS 6923, Determination of monomeric diisocyanate content in coating materials and similar products using HPLC-UV - 11/24/2022, $53.00

Photography (TC 42)

ISO/DTS FDIS 20791-3, Photography - Photographic reflection prints - Part 3: Evaluation of glossiness -, $58.00

Refrigeration (TC 86)

ISO/DIS 21978, Air to water heat pumps - Testing and rating at part load conditions and calculation of seasonal coefficient of performance for space heating - 11/26/2022, $119.00

Road vehicles (TC 22)

ISO/FDIS 15118-9, Road vehicles - Vehicle to grid communication interface - Part 9: Physical and data link layer conformance test for wireless communication - 4/17/2021, $146.00

Rubber and rubber products (TC 45)

ISO/DIS 4633, Rubber seals - Joint rings for water supply, drainage and sewerage pipelines - Specification for materials - 7/9/2022, $58.00

Security (TC 292)

ISO/DIS 22328-2, Security and resilience - Emergency management - Part 2: Guidelines for the implementation of a community-based landslide early warning system - 7/10/2022, $62.00

ISO/DIS 22343-1, Security and resilience - Vehicle security barriers - Part 1: Performance requirement, vehicle impact test method and performance rating - 7/10/2022, $134.00

ISO/DIS 22343-2, Security and resilience - Vehicle security barriers - Part 2: Application - 7/10/2022, $134.00

Sizing systems and designations for clothes (TC 133)

ISO/DIS 8559-5, Size designation of clothes - Part 5: Anthropometric definitions for head and face - 12/1/2022, $102.00

Sustainable development in communities (TC 268)

ISO/FDIS 37170, Smart community infrastructures - Data framework for infrastructure governance based on digital technology in smart cities - 12/16/2021, $58.00

ISO/DIS 37173, Smart community infrastructure - Development guidelines for the information system of smart buildings - 12/1/2022, $67.00

(TC 317)

ISO/FDIS 31700-1, Consumer protection - Privacy by design for consumer goods and services - Part 1: High-level requirements -, $107.00

Terminology (principles and coordination) (TC 37)

ISO/DIS 13611, Interpreting services - Community interpreting - Requirements and recommendations - 11/27/2022, $62.00

Tractors and machinery for agriculture and forestry (TC 23)

ISO/DIS 23316-2, Tractors and machinery for agriculture and forestry - Electrical high-power interface 700 V DC / 480 V AC - Part 2: Physical interface - 7/10/2022, $125.00

ISO/DIS 23316-3, Tractors and machinery for agriculture and forestry - Electrical high-power interface 700 V DC / 480 V AC - Part 3: Safety requirements - 7/10/2022, $62.00

ISO/DIS 23316-4, Tractors and machinery for agriculture and forestry - Electrical high-power interface 700 V DC / 480 V AC - Part 4: AC operation mode - 7/11/2022, $93.00

Welding and allied processes (TC 44)

ISO/FDIS 25901-2, Welding and allied processes - Vocabulary - Part 2: Health and safety - 12/20/2020, $134.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 23917, Information technology - Telecommunications and information exchange between systems - NFCIP-1 Protocol test methods - 11/24/2022, $119.00

ISO/IEC DIS 5021-1, Telecommunications and information exchange between systems - Wireless LAN Access Control - Part 1: Networking architecture specification - 11/24/2022, FREE

ISO/IEC DIS 5021-2, Telecommunications and information exchange between systems - Wireless LAN Access Control - Part 2: Technical specification for dispatching platform - 11/24/2022, $53.00

ISO/IEC FDIS 30105-8, Information technology - IT Enabled Services-Business Process Outsourcing (ITES-BPO) lifecycle processes - Part 8: Continual performance improvement (CPI) of ITES-BPO - 11/12/2021, $88.00

ISO/IEC DIS 30108-2, Information technology - Identity attributes verification services - Part 2: RESTful specification - 11/24/2022, $175.00

ISO/IEC DIS 15938-17, Information technology - Multimedia content description interface - Part 17: Compression of neural networks for multimedia content description and analysis - 11/25/2022, $155.00

ISO/IEC FDIS 23090-15, Information technology - Coded representation of immersive media - Part 15: Conformance testing for versatile video coding - 5/9/2021, $134.00

ISO/IEC/IEEE FDIS 26531, Systems and software engineering - Content management for product life cycle, user and service management information for users - 12/5/2021, $125.00

IEC Standards

Alarm systems (TC 79)

79/671/NP, PNW 79-671 ED1: Building Intercom Systems - Part 1-3: System Requirements - Smart Home Requirements for Building Intercom Systems, 11/04/2022

79/672/NP, PNW 79-672 ED1: Building Intercom Systems - Part 1-4: System Requirements - Requirements for Specific Applications Building Intercom Systems (SABIS), 11/04/2022

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

46A/1601/FDIS, IEC 61196-10 ED2: Coaxial communication cables - Part 10: Sectional specification for semi-rigid cables with fluoropolymer dielectric, 10/21/2022

46A/1600/FDIS, IEC 61196-10-1 ED2: Coaxial communication cables - Part 10-1: Blank detail specification for semi-rigid cables with fluoropolymer dielectric, 10/21/2022

Capacitors and resistors for electronic equipment (TC 40)

40/2974/FDIS, IEC 60286-2 ED5: Packaging of components for automatic handling - Part 2: Tape packaging of components with unidirectional leads on continuous tapes, 10/21/2022

40/2972(F)/FDIS, IEC 60286-3 ED7: Packaging of components for automatic handling - Part 3: Packaging of surface mount components on continuous tapes, 09/23/2022

Electric cables (TC 20)

20/2049/CDV, IEC 60502-4 ED4: Power cables with extruded insulation and their accessories for rated voltages from 1 kV (Um = 1,2 kV) up to 30 kV (Um = 36 kV) - Part 4: Test requirements on accessories for cables with rated voltages from 6 kV (Um = 7,2 kV) up to 30 kV (Um = 36 kV), 12/02/2022

Electrical accessories (TC 23)

23E/1261A/CDV, IEC 61008-2-1 ED2: Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCB's). Part 2-1: RCCBs according to 4.1.1, 11/18/2022

23E/1262A/CDV, IEC 61008-2-2 ED2: Residual current operated circuit-breakers without integral overcurrent protection for household and similar uses (RCCB's) - Part 2-2: RCCBs according to 4.1.2, 4.1.3, 4.1.4, 4.1.5 and 4.1.6, 11/18/2022

23E/1263A/CDV, IEC 61009-2-1 ED2: Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBO's) - Part 2-1: RCBOs according to 4.1.1, 11/18/2022

23E/1264A/CDV, IEC 61009-2-2 ED2: Residual current operated circuit-breakers with integral overcurrent protection for household and similar uses (RCBO's) - Part 2-2: RCBOs according to 4.1.2, 4.1.3, 4.1.4, 4.1.5 and 4.1.6, 11/18/2022

23A/1017/CDV, IEC 61084-1/AMD1 ED2: Cable trunking systems and cable ducting systems for electrical installations - Part 1: General requirements, 12/02/2022

23A/1018/CDV, IEC 61084-2-1/AMD1 ED2: Cable trunking systems and cable ducting systems for electrical installations - Part 2-1: Particular requirements - Cable trunking systems and cable ducting systems intended for mounting on walls and ceilings, 12/02/2022

23A/1019/CDV, IEC 61084-2-2/AMD1 ED2: Cable trunking systems and cable ducting systems for electrical installations - Part 2-2: Particular requirements - Cable trunking systems and cable ducting systems intended for mounting underfloor, flushfloor, or onfloor, 12/02/2022

23A/1021/CDV, IEC 61084-2-3/AMD1 ED1: Cable trunking systems and cable ducting systems for electrical installations - Part 2-3: Particular requirements - Slotted cable trunking systems intended for installation in cabinets, 12/02/2022

23A/1020/CDV, IEC 61084-2-4/AMD1 ED2: Cable trunking systems and cable ducting systems for electrical installations - Part 2-4: Particular requirements - Service poles and service posts, 12/02/2022

Electrical equipment in medical practice (TC 62)

62B/1297/FDIS, IEC 60601-2-43 ED3: Medical electrical equipment - Part 2-43: Particular requirements for the basic safety and essential performance of X-ray equipment for interventional procedures, 10/21/2022

62B/1298/FDIS, IEC 60806 ED2: Determination of the maximum symmetrical radiation field of X-ray tube assemblies and X-ray source assemblies for medical diagnosis, 10/21/2022

62D/1969/CDV, IEC 80601-2-58 ED3: Medical electrical equipment - Part 2-58: Particular requirements for the basic safety and essential performance of lens removal devices and vitrectomy devices for ophthalmic surgery, 12/02/2022

Industrial-process measurement and control (TC 65)

65/936/CDV, IEC 62443-2-4 ED2: Security for industrial automation and control systems - Part 2-4: Security program requirements for IACS service providers, 12/02/2022

Lamps and related equipment (TC 34)

34B/2150/CDV, IEC 60838-2-3/AMD1 ED1: Amendment 1 - Miscellaneous lampholders - Part 2-3: Particular requirements - Lampholders for double-capped linear LED lamps, 12/02/2022

Lightning protection (TC 81)

81/709/CDV, IEC 62561-7 ED3: Lightning protection system components (LPSC) - Part 7: Requirements for earthing enhancing compounds, 12/02/2022

Magnetic components and ferrite materials (TC 51)

51/1420/CD, IEC 63361 ED1: Transformers and inductors - Near Magnetic and Electric Fields Characterization, 12/02/2022

Nuclear instrumentation (TC 45)

45A/1440(F)/FDIS, IEC 60951-1 ED3: Nuclear facilities - Instrumentation systems important to safety - Radiation monitoring for accident and post-accident conditions - Part 1: General requirements, 09/23/2022

45A/1441(F)/FDIS, IEC 60951-3 ED3: Nuclear facilities - Instrumentation systems important to safety - Radiation monitoring for accident and post-accident conditions - Part 3: Equipment for continuous high range area gamma monitoring, 09/23/2022

45B/1011/FDIS, IEC 62618 ED2: Radiation protection instrumentation - Spectroscopy-based alarming Personal Radiation Detectors (SPRD) for the detection of illicit trafficking of radioactive material, 10/21/2022

45A/1442(F)/FDIS, IEC 62705 ED2: Nuclear facilities - Instrumentation and control important to safety - Radiation monitoring systems (RMS): Characteristics and lifecycle, 09/23/2022

Performance of household electrical appliances (TC 59)

59/799(F)/FDIS, IEC 63237-1 ED1: Household and similar electrical appliances - Product information properties - Part 1: Fundamentals, 10/07/2022

Safety of household and similar electrical appliances (TC 61)

61/6676(F)/FDIS, IEC 60335-2-114 ED2: Household and similar electrical appliances - Safety - Part 2-114: Particular requirements for Personal-e-Transporters, 09/30/2022

Safety of machinery - Electrotechnical aspects (TC 44)

44/964/DTS, IEC TS 63074 ED1: Safety of machinery – Security aspects related to functional safety of safety-related control systems, 12/02/2022

Secondary cells and batteries (TC 21)

21A/811/FDIS, IEC 63115-1/AMD1 ED1: Amendment 1 - Secondary cells and batteries containing alkaline or other non-acid electrolytes - Sealed nickel-metal hydride cells and batteries for use in industrial applications - Part 1: Performance, 10/21/2022

Semiconductor devices (TC 47)

47/2770/CDV, IEC 60749-5 ED3: Semiconductor devices - Mechanical and climatic test methods - Part 5: Steady-state temperature humidity bias life test, 12/02/2022

Standard voltages, current ratings and frequencies (TC 8)

8B/139/DTR, IEC TR 63410 ED1: Decentralized electrical energy systems roadmap, 11/04/2022

8/1638/CD, IEC TS 62786-3 ED1: Distributed energy resources connection with the grid - Part 3 Additional requirements for Stationary Battery Energy Storage System, 12/02/2022

8/1639/CD, IEC TS 63222-3 ED1: Power quality management - Part 3: Power Quality Characteristics Modelling, 12/02/2022

System engineering and erection of electrical power installations in systems with nominal voltages above 1 kV A. C., particularly considering safety aspects (TC 99)

99/374/FDIS, IEC 60071-11 ED1: Insulation co-ordination - Part 11 - Definitions, principles and rules for HVDC system, 10/21/2022

99/375/DTS, IEC TS 61936-0 ED1: Power installations exceeding 1 kV AC and 1,5 kV DC - Part 0: Principles to be observed in the design and erection of high voltage installations - Safety of high voltage installations, 12/02/2022

(TC)

SyCSmartCities/264/DTS, IEC SRD 63233-2 ED1: Systems Reference Deliverable (SRD) - Smart City Standards Inventory and Mapping - Part 2: Standards Inventory, 12/02/2022

(TC 129)

129/17/NP, PNW 129-17 ED1: Robotics for electricity generation, transmission and distribution systems - Part 2-1: General Technical Requirements for UAS for Overhead Power Lines Inspection, 12/02/2022

Wind turbine generator systems (TC 88)

88/902(F)/FDIS, IEC 61400-50-1 ED1: Wind energy generation systems - Part 50-1: Wind measurement - Application of meteorological mast, nacelle and spinner mounted instruments, 09/23/2022

Newly Published ISO & IEC Standards

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

ISO Standards

Agricultural food products (TC 34)

ISO 20716:2022, Oolong tea - Definition and basic requirements, $73.00

Air quality (TC 146)

ISO 10849:2022, Stationary source emissions - Determination of the mass concentration of nitrogen oxides in flue gas - Performance characteristics of automated measuring systems, $200.00

Dentistry (TC 106)

ISO 5467-1:2022, Dentistry - Mobile dental units and dental patient chairs - Part 1: General requirements, $111.00

ISO 5467-2:2022, Dentistry - Mobile dental units and dental patient chairs - Part 2: Air, water, suction and wastewater systems, $111.00

Graphic technology (TC 130)

ISO 28178:2022, Graphic technology - Exchange format for colour and process control data using XML or ASCII text, $200.00

Sustainable development in communities (TC 268)

ISO 37108:2022, Sustainable cities and communities - Business districts - Guidance for practical local implementation of ISO 37101, $225.00

Terminology (principles and coordination) (TC 37)

ISO 24019:2022, Simultaneous interpreting delivery platforms - Requirements and recommendations, $175.00

ISO Technical Specifications

Document imaging applications (TC 171)

ISO/TS 32001:2022, Document management - Portable Document Format - Extensions to Hash Algorithm Support in ISO 32000-2 (PDF 2.0), $48.00

Transport information and control systems (TC 204)

ISO/TS 20684-6:2022, Intelligent transport systems - Roadside modules SNMP data interface - Part 6: Commands, $111.00

IEC Standards

Electrical equipment in medical practice (TC 62)

IEC 60601-2-3 Amd.2 Ed. 3.0 b:2022, Amendment 2 - Medical electrical equipment - Part 2-3: Particular requirements for the basic safety and essential performance of short-wave therapy equipment, $25.00

IEC 60601-2-3 Ed. 3.2 b:2022, Medical electrical equipment - Part 2-3: Particular requirements for the basic safety and essential performance of short-wave therapy equipment, $304.00

Measuring equipment for electromagnetic quantities (TC 85)

IEC 61557-12 Ed. 2.0 b Cor.1:2022, Corrigendum 1 - Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC - Equipment for testing, measuring or monitoring of protective measures - Part 12: Power metering and monitoring devices (PMD), $0.00

IEC 61557-12 Amd.1 Ed. 2.0 b Cor.1:2022, Corrigendum 1 - Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC - Equipment for testing, measuring or monitoring of protective measures - Part 12: Power metering and monitoring devices (PMD), $0.00

Terminology (TC 1)

IEC 60050-872 Ed. 1.0 b:2022, International Electrotechnical Vocabulary (IEV) - Part 872: Accessibility, $133.00

IEC Technical Specifications

Solar photovoltaic energy systems (TC 82)

IEC/TS 63126 Ed. 1.0 en Cor.1:2022, Corrigendum 1 - Guidelines for qualifying PV modules, components and materials for operation at high temperatures, $0.00

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 322 – Sustainable finance

Comment Deadline: September 16, 2022

ANSI has been informed that Accredited Standards Committee X9, Inc. Financial Industry Standards (ASC X9), the ANSI-accredited U.S. TAG Administrator for ISO/TC 322 – *Sustainable finance*, wishes to relinquish their role as U.S. TAG Administrator.

ISO/TC 322 operates under the following scope:

Standardization in the field of sustainable finance to integrate sustainability considerations including environmental, social and governance practices in the financing of economic activities.

Note : the TC for sustainable finance will have close cooperation with TC 68 in the field of financial services, TC 207 in the field of environmental management, TC 251 in the field of asset management and TC 309 in the field of governance of organizations.

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)

ISO New Work Item Proposal

Management System for UN Sustainable Development Goals – Requirements for Any Organization

Comment Deadline: October 28, 2022

DS, the ISO member body for Denmark, has submitted to ISO a proposal for a new field of ISO technical activity on Management System for UN Sustainable development goals – Requirements for any organization, with the following scope statement:

This International Standard specifies requirements for a Sustainable Development Goals Management System when an organization:
a) Needs to demonstrate and enhance its work and performance towards the UN SDGs.
b) Seeks to manage its responsibilities in a systematic manner that contributes to the pillars of sustainability.

Consistent with the SDG policy of the organization, the intended outcome of an SDG management system is to:
c) Enhance the organization's performance.
d) Fulfill compliance obligations.
e) Achieve selected SDG objectives.
f) Increase success.
g) Create trust and confidence to relevant existing and future stakeholders.

This proposal employs the process approach, PDCA and risk-based thinking.

PLEASE NOTE that Danish Standards propose to make an initial scope- and title clarification period where scope, title and other unresolved issues can be discussed before starting the drafting process.

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, October 28, 2022**.

ISO Proposal for a New Field of ISO Technical Activity

Ayush Systems

Comment Deadline: October 14, 2022

BIS, the ISO member body for India, has submitted to ISO a proposal for a new field of ISO technical activity on Ayush Systems, with the following scope statement:

Standardization in the field of Ayush systems including Ayurveda, Yoga, Naturopathy, Unani, Siddha, Sowa rigpa and Homoeopathy. Both traditional and modern aspects of products and services of these systems are covered.

Excluded from its scope are products and services covered by ISO/TC 54 Essential oils, ISO/TC 215 Health Informatics, and ISO/TC 249 Traditional Chinese Medicine.

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, October 14, 2022.

Meeting Notices (International)

ANSI Accredited U.S TAG to ISO

TC 283, Occupational health and safety management

Virtual Meeting Time: November 16th from 1:00 to 4:00 p.m. Eastern Time

The American Society of Safety Professionals [ASSP] serves as the TAG administrator [Technical Advisory Group] to ANSI for the ISO TC283 Committee addressing occupational health and safety management systems. The TAG will be meeting virtually on November 16th from 1:00 to 4:00 p.m. Eastern Time.

Please direct inquiries to Timothy Fisher, American Society of Safety Professionals: 520 N. Northwest Highway Parkridge, IL 60068, P: (847) 768-3411 E: tfisher@assp.org

Registration of Organization Names in the United States

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

Public Review

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

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

Proposed Foreign Government Regulations

Call for Comment

U.S. manufacturers, exporters, 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.

BSR/ASHRAE/IES Addendum e
to ANSI/ASHRAE/IES Standard 90.2-2018

Public Review Draft

Proposed Addendum e to Standard 90.2-2018, High-Performance Energy Design of Residential Buildings

First Public Review (August 2022)
(Draft Shows Proposed Changes to Current Standard)

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

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

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

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

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

FOREWORD

This proposal expands and clarifies the requirements for lighting controls in common and public areas. The previous language referred users of the standard to 90.1 for common area lighting control requirements. This new language provides the lighting control requirements embedded as part of the standard. The new lighting control requirements are simpler yet more stringent than 90.1-2022, maintaining the energy-efficiency leadership status for standard 90.2. Lastly, projects can still follow the 90.1-2022 mandatory lighting control requirements as an alternative per the last exception in the proposal.

[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 e to 90.2-2018

Modify the standard as follows (IP and SI Units)

7.5.4 Common and Public Areas

7.5.4.1 Public and Common Areas of *Residential Buildings*. In public and common *spaces* of *residential buildings*, the lighting shall meet the following requirements: ~~of ASHRAE/IES Standard 90.1, Table 9.6.1.~~

7.5.4.1.1 Lighting Controls.

a. **Local control**. Each *space* shall have a manual control device that allows the occupant to reduce lighting power by a minimum of 50% and to turn the lighting off.

b. **Shutoff control**. All lighting shall be automatically controlled to turn off when the *space* is either unoccupied or scheduled to be unoccupied.

Exception to 7.5.4.1.1 (b): Lighting load not exceeding 0.02 W/ft^2 (0.22 W/m^2)of the *space* shall be permitted to operate at all times.

c. **Occupancy sensor control**. Each *space* less than 300 ft^2 (28 m^2) shall be controlled by an *occupancy sensor*.

d. **Automatic partial-off control**. Stairwells and corridors shall be controlled by occupant sensors that reduce the lighting power by a minimum of 50% when no activity is detected for not longer than 15 minutes.

e. **Daylight responsive control**. Luminaires that are completely or partially within a horizontal distance of 10 ft (3 m) from the edge of a window or skylight shall be controlled with continuous daylight dimming controls that have the capability to adjust lighting levels down to 10% or less of full output and the capability to turn the lighting off.

Exception to 7.5.4.1.1 (e):

i. *Space*s where the combined maximum rated lighting power completely or partially within in 10 ft (3 m) from windows or skylights is less than 75 W.

ii. *Space*s where the top of any existing adjacent structure or natural object is at least twice as high above the windows as its horizontal distance away from the windows.

iii. *Space*s where the total glazing area is less than 20 ft^2 (1.9 m^2).

iv. *Luminaires* controlled by astronomical time switches that are programmed to turn off during *daylight hours*.

f. **Parking garage control**. Lighting in parking garages shall be controlled by occupant sensors that reduce the power by a minimum of 50% when no activity is detected for not longer than 15 minutes. No device shall control more than 3600 ft^2 (334 m^2). Luminaires with 20 ft (6.1 m) of a perimeter opening shall be controlled by daylight responsive controls that have the capability to adjust lighting levels down to 10% or less of full output and the capability to turn the lighting off.

Exception to 7.5.4.1.1(f): Parking garages serving an individual dwelling unit.

g. **Parking lot and other exterior lighting control**.

i. Luminaires shall be automatically turned off during *daylight hours* or when daylight is present.

ii. Luminaires serving outdoor parking areas which are mounted 25 ft (7.6 m) or less above grade shall be controlled to reduce the power by at least 75% when no activity is detected for not longer than 15 minutes. No more than 1500 W of lighting power shall be controlled together.

Exception to 7.5.4.1.1. *Space*s complying with the control requirements of ASHRAE/IES Standard 90.1, Table 9.5.2.1.

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Revision to NSF/ANSI 25-2021
Issue 18 Revision 3 (August 2022)

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

NSF/ANSI Standard
for Food Equipment –

Vending Machines for Food and Beverages

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5 Design and construction

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5.1.2 Vending machines and components shall be designed so that food and ingredients may be added and unit servings of bulk or packaged foods may be dispensed or removed in a sanitary manner.

5.1.2.1 Vending machines intended to dispense time/temperature control for safety food products shall be designed and manufactured so that food may be loaded into the machine without the need to open packages or containers the food is provided in from a food establishment or food processing plant.

Rationale: *The US FDA Food Code contains operational requirements indicating time temperature control for safety foods dispensed through a vending machine shall be protected from contamination. Reference FDA Food Code 2017 Section 3-305. 13. Vending machines that are designed and manufactured such that food handling is necessary to load/refill the machine would not be capable of being operated in a manner that complies with the FDA Food Code. It is in the best interest of all stakeholders if the NSF Standards and the FDA Food Code complement one another.*

Tracking number 359i5r2
Revision to NSF/ANSI 359-2018
Issue 5, Revision 2 (August 2022)

[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 Plastics —

Valves for Cross-linked Polyethylene (PEX) Water Distribution Tubing Systems•

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2 Normative references

~~The following documents contain provisions that, through reference, constitute requirements of this NSF Standard. All documents are subject to revision, and parties are encouraged to investigate the possibility of applying the recent editions of the documents indicated below.~~

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

ANSI/ISA-75.01.01-2012 – ~~*Flow Equations for Sizing Control Valves*~~ *Industrial-Process Control Valves - Part 2-1: Flow Capacity - Sizing Equations For Fluid Flow Under Installed Conditions*[1]

~~ASME A112.14.4~~ ASME A112.4.14-2017/CSA B125.14-2017 – *Manually Operated, ~~Quarter-Turn Shutoff~~ Valves for Use in Plumbing Systems*[2]

ASME A112.18.1-2018 / CSA B125.1-18: *Plumbing Supply Fittings*[2,3]

ASME B1.20.1 - 2013 – *Pipe Threads, General Purpose, Inch*[2]

ASME B16.22 - 2018 – *Wrought Copper and Copper Alloy Solder Joint Pressure Fittings*[2]

ASTM B858-06 (2012) – *Standard Test Method for Ammonia Vapor Test for Determining Susceptibility to Stress Corrosion Cracking in Copper Alloys*[4]

[1] The International Society of Automation (ISA). 67 Alexander Drive, P.O. Box 12277, Research Triangle Park, NC 77091 <www.isa.org>.

[2] American Society of Mechanical Engineers (ASME). Three Park Avenue, New York, NY 10016-5990 <www.asme.org>.

[3] CSA Group. 178 Rexdale Boulevard, Toronto, ON M9W 1R3, Canada. <www.csagroup.org>

[4] American Society for Testing Materials (ASTM). 100 Barr Harbor Drive, West Conshohoken, PA 19428-2959 <www.astm.org>.

ASTM D2846M-19a. *Standard Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Hot and Cold Water Distribution Systems*[4]

ASTM D6394-21a. *Standard Specification for Sulfone Plastics (SP)*[4]

ASTM F877-20. *Standard Specification for Crosslinked Polyethylene (PEX) Plastic Hot and Cold Water Distribution*[4]

ASTM F1498-08(2020). *Standard Specification for Taper Pipe Threads 60° for Thermoplastic Pipe and Fittings*[4]

ASTM F1807-19b. Standard Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing[4]

~~ASTM F1865. *Standard Specification for Mechanical Cold Expansion Insert Fitting With Compression Sleeve for Cross-linked Polyethylene (PEX) Tubing*[4]~~

Rationale: Withdrawn by ASTM in 2018

ASTM F1960-21. *Standard Specification for Cold Expansion Fitting with PEX Reinforcing Rings for Use with Cross-linked Polyethylene (PEX) and Polyethylene of Raised Temperature (PE-RT) Tubing*[4]

~~ASTM F1961. *Standard Specification for Metal Mechanical Cold Flare Compression Fittings with Disc Spring for Cross-linked Polyethylene (PEX) Tubing*[5]~~

Rationale: Withdrawn by ASTM in 2018

ASTM F2080-19. Standard Specification for Cold-Expansion Fittings With Metal Compression-Sleeves for Cross-Linked Polyethylene (PEX) Pipe and SDR9 Polyethylene of Raised Temperature (PE-RT) Pipe[4]

ASTM F2159-21. *Standard Specification for Plastic Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing*[4]

ASTM F2434-19. *Standard Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR 9 cross-linked Polyethylene (PEX) Tubing and SDR9 Cross-linked Polyethylene/Aluminum/Cross-linked Polyethylene (PEX-AL-PEX) Tubing*[4]

ASTM F2735-21. *Standard Specification for Plastic Insert Fittings for SDR9 Cross-linked Polyethylene (PEX) and Polyethylene of Raised Temperature (PE-RT) Tubing*[4]

ASSE 1061-2020. *Performance Requirements for ~~Removable and Non-Removable~~ Push-Fit Fittings*[5]

NSF/ANSI 14. *Plastic Piping System Components and Related Materials*

NSF/ANSI 61. *Drinking Water Systems Components – Health Effects*

[5] American Society of Sanitary Engineering (ASSE) for Plumbing and Sanitary Research, 901 Canterbury Road, Suite A, Westlake, OH 44145-7201 <www.asse.org>.

Tracking number 455-2i40r1
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Revision to NSF/ANSI 455-2-2021
Issue 40 Revision 1 (August 2022)

[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 GMP for Dietary Supplements –

Good Manufacturing Practices for Dietary Supplements

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4 Audit Requirements

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4.6 Performance evaluation

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4.6.10 ~~The QC person shall be responsible for making the~~ Material review and the disposition decision shall be conducted when there is a potential for adulteration or quality failure; such as when specifications are not met, the batch deviates from the MMR or after loss of established control~~. The QC person shall document the review and disposition decision at the time of performance~~. [21 CFR § 111.113(a)~~(c)~~]

~~**4.5.79**~~ **4.6.11** QC personnel shall document material review and disposition decision at the time of performance.~~ Documentation shall be maintained for material reviews and dispositions. This shall include all testing results and any reevaluations by the QC unit for reprocessed materials.~~ [21 CFR § 111.113(c) & 21 CFR § 111.140 (b3) ~~& 21 CFR §111.535(b1), (b2), (b3), (b4)~~]

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4.7 Improvement

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~~**4.7.2** QC personnel shall conduct a material review and make disposition decisions to approve treatments, in-process adjustments, and reprocessing when there is a deviation or unanticipated occurrence or when a specification is not met. [21 CFR § 111.90]~~

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ACCREDITED STANDARDS COMMITTEE A250

Proposed REVISION of BSR A250.4 – Physical Endurance for Steel Doors, Frames and Frame Anchors

BSR A250.4 is being balloted as a **REVISION due to the updated designations of ANSI/BHMA A156.1, A156.3, and A156.4** in Reference documents. The balloted standard also includes the editorial (non-substantive) addition of the tolerance and gauge vs. thickness disclaimers in Section 1.2.

( ) Affirmative
( ) Affirmative w/Comment
( ) Negative*
( ) Abstain*

*** Please provide supporting comments for any negative and where possible include a proposal for language changes or solution. An abstention must be accompanied by reasons for the abstention.**

Organization_____

Name_____ Date_____

Please return your vote to:
SDI
info@steeldoor.org

BSR/UL 61730-1, Standard for Safety for Photovoltaic (PV) Module Safety Qualification – Part 1: Requirements for Construction

1. Update of References to IEC TS 62915 to UL 62915

PROPOSAL

2DV DR *Addition of the following*:

UL 790,
Standard Test Methods for Fire Tests of Roof Coverings

UL 969,
Marking and Labeling Systems

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

UL 3730,
Photovoltaic Junction Boxes

UL 6703,
Connectors for Use in Photovoltaic Systems

UL 62915,
Photovoltaic (PV) Modules – Type Approval, Design and Safety Qualification – Retesting

ANSI/NFPA 70,
National Electrical Code

5.6.3.2DV D1 *Modification in accordance with the following*:

Replace the reference to IEC TS 62915 with UL 62915 in the third paragraph.

BSR/UL 62446-1, Standard for Photovoltaic (PV) Systems - Requirements for Testing, Documentation and Maintenance - Part 1: Grid Connected Systems - Documentation, Commissioning Tests and Inspection

1. First Edition of the UL IEC-Based Standard for Photovoltaic (PV) Systems - Requirements for Testing, Documentation and Maintenance - Part 1: Grid Connected Systems - Documentation, Commissioning Tests and Inspection, UL 62446-1, Including Amendment 1 (2018-08).

PROPOSAL

1DV D2 *Modification by ~~adding the following~~ replacing the second paragraph with the following and adding the new note at the end of the Clause*:

This part of IEC 62446 is written for grid connected PV systems that do not utilize energy storage (e.g. batteries) or hybrid systems. However, many of the clauses may apply.

NOTE The scope of this document is limited to residential and commercial-scale systems, as well as the low-voltage equipment up to the medium voltage transformers in utility-scale systems. The scope does not cover medium voltage equipment.

2DV DR *Addition of the following:*

NFPA 70, National Electrical Code (NEC)

NFPA 70B, Recommended Practice for Electrical Equipment Maintenance

NFPA 70E, Electrical Safety in the Workplace

NFPA 780, Standard for the Installation of Lightning Protection Systems

UL 1449, Surge Protection Devices

UL 1703, Flat-Plate Photovoltaic Modules and Panels

UL 1741, Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources

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

UL 3703, Solar Trackers

UL 3741, Photovoltaic Hazard Control

UL 6703, Connectors for Use in Photovoltaic Systems

UL 9703, Outline of Investigation for Distributed Generation Wiring Harnesses

UL 61730-1, Photovoltaic (PV) Module Safety Qualification – Part 2: Requirements for Construction

UL 61730-2, Photovoltaic (PV) Module Safety Qualification – Part 2: Requirements for Testing

UL 62446-2, Photovoltaic (PV) Systems - Requirements for Testing, Documentation and Maintenance - Part 2: Grid Connected Systems – Maintenance of PV Systems

International Fire Code (IFC)

3.18 Harness Sub Array ~~HAS~~ HSA group of PV strings connected in parallel using a string wiring harness

Note 1 to entry: For the purposes of this document, the HSA shall have a combined ISC-STC of no greater than 30 A and combine no more than 10 PV strings.

Note 2 to entry: In some subclauses of this document, HSA tests are presented as an alternative to individual string tests. The 30 A and 10 string limits defined herein set the limit where a HSA test is considered a safe and valid alternative to individual string tests.

Note 3 to entry: This note applies to the French language only.

4.3.2DV DR *Modification by replacing part (e) with the following:*

e) Identify which strings connect to which inverter and which MPPT (if applicable).

4.3.3DV DR *Modification by replacing ~~part~~ item (b) with the following and adding new items (d) and (e):*

b) String over-current protective device specifications (where applicable) - type and voltage/current ratings.

d) Equipment for Module Level Shutdown or Mid Circuit Interrupters or String Level shutdown (where applicable).

e) Module Level Monitoring (where applicable).

4.3.5DV DR *Modification by replacing ~~parts~~ items (a) and (c) with the following and adding new items (d) and (e):*

a) AC disconnect location, type and rating.

c) Ground-fault protective device location, type and rating (where applicable).

d) Equipment for Module Level Shutdown or Mid Circuit Interrupters or String Level shutdown (where applicable).

e) Module Level Monitoring (where applicable).

4.6DV DR *Modification by replacing with the following:*

Mounting system documentation (i.e. manual) for the array mounting system shall be provided in accordance with the requirements of UL 2703, ~~or~~ UL 3703, and UL 3741, as applicable. If the mounting structure was custom engineered, include the relevant documentation on the mounting system specification.

Mechanical, civil and structural drawings shall include the following, as applicable:

- Dimensions, tolerances, material specifications and finish, manufacturer make and model of all mechanical or structural components and hardware;
- Assembly information and torque specifications with appropriate references to manufacturer's manual(s);
- Structural details for securement PV system to a building, including but not limited to roof or building attachment and flashing details;
- Structural details for anchorage of the PV system to the ground, including but not limited to foundation specifications and mounting system attachment to the foundation; and
- Site-specific studies or reports, as applicable, such as: building structural assessment, geotechnical studies, hydrology studies, stormwater management plan, environmental impact studies.

5.1DV DR *Modification by replacing entire Clause with the following:*

Clause 5 provides the requirements for the initial and periodic verification of a grid connected PV electrical installation. It references IEC 60364-6 where appropriate and also details additional requirements or considerations.

Verification, inspection and testing activities for a grid connected PV system should be done with reference to the safety considerations identified in Annex E of UL 62446-2, manufacturer's installation manuals, and where applicable, the protocols outlined in NFPA 70B and/or NFPA 70E.

For an addition or alteration to an existing installation, it shall be verified that the addition or alteration complies with the National Electrical Code (NEC), NFPA 70, and does not impair the safety of the existing installation.

Initial and periodic verifications shall be made by a qualified person as defined by ~~the National Electrical Code (NEC),~~ NFPA 70E.

NOTE 1 See ~~National Electrical Code (NEC),~~ NFPA 70E ~~2020~~ for qualified persons definition.

NOTE 2 Typical verification test sheets are provided in Annexes A, B and C to this standard.

Initial verification takes place upon completion of a new installation or completion of additions or of alterations to existing installations. Periodic verification shall determine, as far as reasonably practicable, whether the installation and all its constituent equipment remain in a satisfactory condition for use.

Unless otherwise prescribed by specific jurisdictional requirements, PV system component verification intervals shall follow the prescribed requirements provided by component manufacturers.

5.2.8DV DR *Modification by replacing the entire Clause with the following:*

Inspection of the DC installation shall include at least verification that:

a) the PV modules are rated for the maximum possible DC system voltage as defined in the National Electrical Code (NEC), NFPA 70, Article 690 and 691, as applicable;

b) all DC components are rated for continuous operation at the maximum DC system voltage and current as defined in the National Electrical Code (NEC), NFPA 70 Article 690 and 691, as applicable;

c) wiring methods have been installed with consideration to withstand the expected external influences such as wind, ice formation, temperature, UV and solar radiation. and when installed on tracking systems that wiring will not interfere with proper tracking nor will conductors be stretched or pinched when system is tracking;

d) disconnecting and/or isolation means have been provided for the PV array strings and PV sub-arrays in accordance with the National Electrical Code (NEC), NFPA 70, Article 690 and 691, as applicable;

e) Disconnecting or isolation means for the inverter is provided as required by the National Electrical Code (NEC), NFPA 70, Article 690 and 691, as applicable;

NOTE It is expected that the type and location of the disconnecting and isolating means be shown on the verification report.

f) if blocking diodes are present, their reverse voltage rating is at least 2 × V_{oc} (stc) of the PV string in which they are installed.

g) latching or locking type PV connectors mated together are of the same type and from the same manufacturer unless the connectors are labeled for intermatability according to UL 6703. Latching or locking type PV mating connectors comply with the requirements of Article 690 and 691, UL 6703, and UL 1703 or UL 61730-1 and UL 61730-2, as applicable.

9.1DV DR *Modification by adding the following bullet after the fourth bullet:*

- **Testing equipment make / model and calibration date.**

DC system - Selection and erection of electrical equipment

□ Wiring methods have been installed with consideration to withstand the expected external influences such as wind, ice formation, temperature, UV and solar radiation, and when installed on tracking systems that wiring will not interfere with proper tracking nor will conductors be stretched or pinched when system is tracking.

Annex DVC D2 *Modification in accordance with the following:*

In the "String Wiring" and "Array insulation resistance" rows, replace Earth with Ground; "Array isolator" should be replaced with "Array disconnect"; and in the "Earth Continuity" row, replace Earth with Ground and fitted with applicable.

BSR/UL 62446-2, Standard for Photovoltaic (PV) Systems - Requirements for Testing, Documentation and Maintenance - Part 2: Grid Connected Systems – Maintenance of PV Systems

1. First Edition of the UL IEC-Based Standard for Photovoltaic (PV) Systems - Requirements for Testing, Documentation and Maintenance - Part 2: Grid Connected Systems – Maintenance of PV Systems, UL 62446-2.

PROPOSAL

2DV DR *Addition of the following:*

NFPA 1, Fire Code

NFPA 70B, Recommended Practice for Electrical Equipment Maintenance

NFPA 70E, Electrical Safety in the Workplace

International Fire Code (IFC)

UL 1699B, Photovoltaic (PV) DC Arc-Fault Circuit Protection

UL 1741, Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources

UL 6703, Connectors for Use in Photovoltaic Systems

UL 62109-1, Power Converters for use in Photovoltaic Power Systems - Part 1: General Requirements

UL 62446-1, Photovoltaic (PV) systems – Requirements for testing, documentation and maintenance – Part 1: Grid connected systems – Documentation, commissioning tests and inspection

3.20DV DR *Modification*:

For the purposes of this standard, qualified person shall be defined in accordance with NFPA 70E.

E.3DV DR *Modification by adding the following to the end of Clause E.3*:

Article 130 of NFPA 70E addresses work involving electrical hazards, and shall be used for how to select the appropriate PPE based on the hazards involved.

BSR/UL 763, Standard for Safety for Motor-Operated Commercial Food Preparing Machines

1. Proposed Revision for Addition of Standard Operating Controls Options

6.4.2 Operating controls

6.4.2.1 Operating controls shall comply with one of the following:

a) The Evaluation of Electronic Circuits, Supplement SA; or

b) The Standard for Automatic Electrical Controls – Part 1: General Requirements, UL 60730-1 and the applicable Part 2.; or

c) The Standard for Industrial Control Equipment, UL 508; or

d) The Standard for Low-Voltage Switchgear and Controlgear - Part 1: General Rules, UL 60947-1, with the Standard for Low-Voltage Switchgear and Controlgear - Part 4-1: Contactors and Motor-Starters - Electromechanical Contactors and Motor-Starters, UL 60947-4-1 or Low-Voltage Switchgear and Controlgear - Part 5-1: Control Circuit Devices and Switching Elements - Electromechanical Control Circuit Devices, UL 60947-5-1; or

e) The Standard for Programmable Controllers - Part 2: Equipment Requirements and Tests, UL 61131-2; or

f) The Standard for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 1: General Requirements, UL 61010-1 with the Standard for Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-201: Particular Requirements for Control Equipment, UL 61010-2-201.

3. Proposed Revision to Add References to UL 62368-1 As An Option To Evaluate Power Supplies, Secondary Circuits, and of Motor-Operated Commercial Food Preparing Machines

A2 Class 2 Circuits

A2.1 A Class 2 circuit shall be supplied by an isolating source that complies with one of the following:

a) The Standard for Class 2 Power Units, UL 1310; or

b) The requirements for Class 2 transformers in the Standard for Low Voltage Transformers – Part 1: General Requirements, UL 5085-1 and the Standard for Low Voltage Transformers – Part 3: Class 2 and Class 3 Transformers, UL 5085- 3; or

c) The Standard for Information Technology Equipment – Safety – Part 1: General Requirements, UL 60950-1 with an output marked "Class 2" or that complies with the limited power source (LPS) requirements and is marked "LPS"; or

d) The Standard for Audio/Video, Information and Communication Technology Equipment - Part 1: Safety Requirements, UL 62368-1, that complies with the limited power source requirements (LPS) requirements and is marked "LPS".

BSR/UL 962, Standard for Household and Commercial Furnishings

1. Revisions To Correct Cross References, Address Mandatory Language, Reflect Standards Writing Conventions, Clarify Requirements, And Similar Changes In Preparation For A New Edition

PROPOSAL

1.3 A furnishing intended to support audio/video equipment shall be evaluated in accordance with one of the following:

a) If the audio/video support system is not motorized and an entertainment center, cart, or a stand and it is intended for support or attachment of audio/video equipment, UL 1678 applies;

b) If the audio/video support system is intended to be mounted to walls, ceilings or another part of a building structure as the primary support means (it is not touching the floor), UL 2442~~,~~ applies.

c) If a cart, stand or support surface is supplied with the audio or video equipment by the manufacturer of the audio or video equipment, the requirements specified in ~~UL 60065, and UL 60950-1, as applicable to the product applies or~~ UL 62368-1 applies;

d) Information technology and communications equipment cabinets, enclosure and rack systems are investigated to ~~UL 60950-1 or~~ UL 62368-1;

e) For retail product displays and all other type of furnishings incorporating audio/video equipment to attract attention to the products for sale, UL 962 applies.

2.24 LIMITED POWER SOURCE (LPS) – A limited power source is as defined in ~~UL 60950-1,~~ UL 62368-1 and shall comply with the requirements of ~~UL 60950-1~~ UL 62368-1.

31.3.2 Each commercial furnishing shall be tested in accordance with the tests specified in 31.3.2A – 31.3.2C, as applicable. ~~Each surface shall be independently or in combination investigated to one of the following requirements:~~

~~a) UL 723. Each test for UL 723 requires a sample length of 24 feet (7.3 m) and a sample width of 24 inches (0.6 m). The length can usually be comprised of separate lengths butted together; or~~

~~b) ASTM E162. Each test for ASTM E162 requires a sample length of 18 inches (457 mm) and a sample width of 6 inches (152 mm).; or~~

~~c) UL 1975 or NFPA 289; or~~

~~d) An individual fabric material used without a backing material shall comply with NFPA 701.~~

SA4.1 A motor shall comply with one of the following forms of protection:

a) The requirements in UL 1004-1 and either UL 1004-2 or UL 1004-3 as appropriate for the over temperature protection incorporated with the motor construction;

b) A self-protected combination motor(s) and motor(s) controller shall comply with the requirements in Protective Controls, 30A.4 ~~UL 60950-1 or UL 508~~;

c) The use of a device responsive to motor current;

d) The use of a circuit that disconnects power or reduces power from the motor in a sufficiently short time to prevent a risk of fire as determined by Protective Controls, ~~Section~~ 30A.4; or

e) Motors that limit exposed motor surfaces (a case on an enclosed motor or a winding on an open motor) to 150°C (302°F) while wrapped in cheesecloth.

SA8.1 A Class 2, LPS or SELV motor operated product shall comply with the following:

a) A motor that only operates when the user is present and when activated by the user with a momentary contact switch is not required to be subjected to the Running Overload Motor Test, Section SA9.

b) A furnishing where the motor operation is automatic or the motor can operate without the presence of the user shall comply with the Running Overload Motor Test, Section SA9.

Exception: Impedance protected motors that comply with Class A limitations in accordance with ~~the Standard for Impedance Protected Motors,~~ UL 1004-2 are not required to be subjected to the Running Overload Motor Test.

c) All motor operated furnishings shall comply with the Locked Rotor Test, Section SA10, unless subjected to the locked rotor tests in UL 1004-1, UL 1004-2, or UL 1004-3 ~~the UL 60950-1, or UL 508,~~ and the testing is representative of the conditions in the end use product.

Three samples of the motor under investigation shall be subjected to the test.

~~SD2.5 Telephone equipment and communication circuit protectors included in a powered table system shall comply with the requirements in UL 60950-1, and UL 497A, respectively.~~