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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.

ASTM (ASTM International)

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

New Standard

BSR/ASTM WK91948-202x, New Guide for Gymnasium Divider Curtains and Indoor Operable Practice Cages (new standard)
Stakeholders: Commercially Installed Sports-Specific Equipment for Use in Public Venues Industry

Project Need: There are no current standards for these products that can weigh considerable amounts and often hang over peoples heads.

Interest Categories: Producer, User, General Interest

Create standard guide for the components and methods used in the manufacture and installation of operable and stationary gymnasium divider curtains and indoor operable batting cages.

ECIA (Electronic Components Industry Association)

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

Revision

BSR/EIA 364-H-202x, Electrical Connector/Socket Test Procedures Including Environmental Classifications (revision and redesignation of ANSI/EIA 364-G-2021)
Stakeholders: Electrical, electronic, and telecommunications industries

Project Need: Revise and redesignate current American National Standard.

Interest Categories: User, Producer, General Interest

This standard establishes a recommended minimum test sequence and test procedures for electrical connectors and sockets. This standard also includes administrative details and guidelines for connector/socket qualification and an annex for pertinent technical information.

ECIA (Electronic Components Industry Association)

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

Revision

BSR/EIA 364-66A-202x, EMI Shielding Effectiveness Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-66A-2000 (R2019))
Stakeholders: Electronics, electrical and telecommunications industries

Project Need: Revise and redesignate current American National Standard.

Interest Categories: User, Producer, General Interest

This standard establishes test methods for the measurement of the EMI shielding effectiveness of electrical connectors over the frequency range of 1.0 GHz to 10.0 GHz using the mode-stirred technique. The procedure applies to both circular and rectangular connectors.

ECIA (Electronic Components Industry Association)

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

Reaffirmation

BSR/EIA 364-110 (R202x), Thermal Cycling Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA/ECA 364-110-2006 (R2019))
Stakeholders: Electronics, electrical and telecommunications industries

Project Need: Revise and redesignate current American National Standard.

Interest Categories: User, Producer, General Interest

This standard establishes a test method to expose connectors and sockets to extremes of high and low temperatures at a specified ramp up and ramp down rate.

ECIA (Electronic Components Industry Association)

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

Reaffirmation

BSR/EIA 364-51B-2019 (R202x), Ice Resistance Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364 -51B-2019)
Stakeholders: Electronics, electrical and telecommunications industries

Project Need: Revise and redesignate current American National Standard.

Interest Categories: User, Producer, General Interest

This standard establishes test methods to determine the ability of mated electrical connectors to resist the effects of ice build-up due to water splashing or brief immersion in water, where water is free to drain off of the connector surfaces.

ECIA (Electronic Components Industry Association)

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

Reaffirmation

BSR/EIA 364-90A-2019 (R202x), Crosstalk Ratio Test Procedures for Electrical Connectors, Sockets, Cable Assemblies or Interconnect Systems (reaffirmation of ANSI/EIA 364-90A-2019)
Stakeholders: Electronics, electrical and telecommunications industries

Project Need: Revise and redesignate current American National Standard.

Interest Categories: User, Producer, General Interest

This procedure applies to interconnect assemblies, such as electrical connectors, sockets and cable assemblies.

ECIA (Electronic Components Industry Association)

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

Reaffirmation

BSR/EIA 364-107A-2019 (R202x), Eye Pattern and Jitter Test Procedure for Electrical Connectors, Sockets, Cable Assemblies or Interconnection Systems (reaffirmation of ANSI/EIA 364-107A-2019)
Stakeholders: Electronics, electrical and telecommunications industries

Project Need: Revise and redesignate current American National Standard.

Interest Categories: User, Producer, General Interest

This procedure is applicable to electrical connectors, cable assemblies, or interconnection systems.

ECIA (Electronic Components Industry Association)

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

Reaffirmation

BSR/EIA 364-108A-2019 (R202x), Impedance, Reflection Coefficient, Return Loss, and VSWR Measured in the Time and Frequency Domain Test Procedure for Electrical Connectors, Cable Assemblies or Interconnection Systems (reaffirmation of ANSI/EIA 364-108A-2019)
Stakeholders: Electronics, electrical and telecommunications industries

Project Need: Revise and redesignate current American National Standard.

Interest Categories: User, Producer, General Interest

This procedure applies to interconnect assemblies, such as electrical connectors, and cable assemblies.

ECIA (Electronic Components Industry Association)

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

Reaffirmation

BSR/EIA 364-120-2019 (R202x), Electrolytic Erosion Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-120-2019)
Stakeholders: Electronics, electrical and telecommunications industries

Project Need: Revise and redesignate current American National Standard.

Interest Categories: User, Producer, General Interest

This test standard establishes a test method to determine if the pin contacts show any exposure of the base metal due to electrolytic erosion.

ESTA (Entertainment Services and Technology Association)

Richard Nix <standards@esta.org> | 271 Cadman Plaza, P.O. Box 23200 | Brooklyn, NY 11202-3200 www.esta.org

New Standard

BSR/E1.84-202x, Dimensional Requirements for 19-pin Socapex style Connectors (new standard)
Stakeholders: Entertainment industry product manufacturers, technicians and end users, sales and rental companies, and designers.

Project Need: This connector style has been used in entertainment applications for over 40 years, without standardized requirements to prevent plug and socket misalignment, connector mating, and connector compatibility issues, resulting in increased risk of electrical shock due to misalignment of electrical contacts within the connectors. This project reduces those risks by establishing standardized mechanical and dimensional criteria.

Interest Categories: Custom market producers; Mass market producers; Designers; Dealers and rental companies; Users; General interest

This standard establishes mechanical and dimensional connectivity requirements for 19-pin Socapex style connectors used in the entertainment industry. It is intended to complement other pin assignment standards addressing electrical compatibility, by ensuring consistently safe plug and socket alignment, connector mating, and mechanical compatibility between multiple connector manufacturers' products.

FCI (Fluid Controls Institute)

Leslie Schraff <fci@fluidcontrolsinstitute.org> | 1300 Sumner Avenue | Cleveland, OH 44115 www.fluidcontrolsinstitute.org

Revision

BSR/FCI 18-2-202x, Standard for Installation of Type 1 Secondary Pressure Drainers (revision of ANSI/FCI 18-2-2020)
Stakeholders: Manufacturers, users and specifiers of secondary pressure drainers.

Project Need: The standard was developed to provide manufacturers, users and specifiers of the products with uniform methods and requirements for installation of secondary pressure drainers and to help define the information required for proper installation of Type 1 Secondary Pressure Drainers (SPD) within systems utilizing steam for heat transfer.

Interest Categories: General interest, producers, users

The purpose of this standard is to help define the information required for proper installation of Type 1 Secondary Pressure Drainers (SPD) within systems utilizing steam for heat transfer. With an understanding of this criteria, it can be applied to these types of systems to provide effective and efficient condensate drainage. This is a necessary function of steam-using equipment to maintain consistent heat transfer.

FCI (Fluid Controls Institute)

Leslie Schraff <fci@fluidcontrolsinstitute.org> | 1300 Sumner Avenue | Cleveland, OH 44115 www.fluidcontrolsinstitute.org

Revision

BSR/FCI 99-1-202x, Standard for Performance Testing of Secondary Pressure Drainers (revision of ANSI/FCI 99-1 -2020)
Stakeholders: Manufacturers, users and specifiers of secondary pressure drainers.

Project Need: This standard was developed to provide manufacturers, users, and specifiers of the products with uniform methods and requirements to conduct performance testing of secondary pressure drainers.

Interest Categories: General Interest, Producers, Users

This standard specifies performance tests that are considered to be applicable to secondary pressure drainers.

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

Terry Burger <standards@iapmostandards.org> | 18927 Hickory Creek Drive, Suite 220 | Mokena, IL 60448 www.asse-plumbing.org

Revision

BSR/ASSE Series 7000-202x, Residential Potable Water Fire Sprinkler System Installers & Inspectors for One and Two-Family Dwellings (revision of ANSI/ASSE Series 7000-2020)
Stakeholders: Fire protection system installers, sprinkler fitters, fire-protection professionals, homeowners, building owners/operators, fire marshals, municipalities, inspectors.

Project Need: This standard is needed to provide the industry with minimum qualifications for professionals designing and installing water-based fire protection systems and for providing certification to the qualified personnel.

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

This standard applies to an individual who provides layout, detail, calculations, and installation for residential potable water fire sprinkler systems for one- and two-family dwellings.

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

Terry Burger <standards@iapmostandards.org> | 18927 Hickory Creek Drive, Suite 220 | Mokena, IL 60448 www.asse-plumbing.org

Revision

BSR/ASSE Series 10000-202x, Professional Qualifications Standard for Green Plumbing Systems Installers (revision of ANSI/ASSE Series 10000-2011 (R2020))
Stakeholders: Green Plumbing Systems Installers, homeowners, building owners/operators

Project Need: This standard provides minimum performance criteria, identified by industry consensus, for green plumbing system installer, homeowners, building owners/operators, inspectors.

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

This standard applies to an individual who installs green plumbing systems and provides layout, detail, and calculations for such systems.

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

Terry Burger <standards@iapmostandards.org> | 18927 Hickory Creek Drive, Suite 220 | Mokena, IL 60448 www.asse-plumbing.org

Revision

BSR/ASSE Series 19000-202x, Hydronic Systems Professional Qualifications Standard (revision of ANSI/ASSE Series 19000-2015 (R2020))
Stakeholders: Designers, installers and maintainers of solar water heating systems, homeowners, building owners/operators, inspectors.

Project Need: This standard provides minimum performance criteria, identified by industry consensus, for Solar Water Heater System Installers.

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

This standard applies to the individual who installs and maintains solar water heating systems in accordance with the designer's layout, specified component details and calculations, and manufacturers' recommendations and requirements.

ISA (Organization) (International Society of Automation)

Charley Robinson <crobinson@isa.org> | 3252 S. Miami Blvd, Suite 102 | Durham, NC 27703 www.isa.org

National Adoption

BSR/ISA 101.01-202x, Human machine interfaces for process automation systems (national adoption with modifications of IEC 63303:2024)
Stakeholders: All sectors of the process and related industries that use HMI systems in their processing operations.

Project Need: Adopt with modifications IEC 63303 as an ISA and ANSI standard.

Interest Categories: End users (asset owners), suppliers, general (consultants, academics), government/regulators, testing/certification, and architects/contractors/integrators.

The standard defines the terminology and models to develop human-machine interfaces (HMI) and the work processes recommended to effectively maintain an HMI throughout its lifecycle - providing guidance to design, build, operate, and maintain HMIs to achieve a safer, more effective, and more efficient process control system under all operating conditions.

NEMA (ASC C8) (National Electrical Manufacturers Association)

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

Revision

BSR ICEA T-32-645-202x, Test Method for Establishing Volume Resistivity Compatibility of Water Blocking Components with Extruded Semiconducting Shield Materials (revision of ANSI/ICEA T-32-645-2017 (R2023))
Stakeholders: User, producers, and other parties interested in insulated cable.

Project Need: This test method provides procedures for establishing volume resistivity compatibility of water blocking components with extruded semiconducting shields utilized in MV, HV, or EHV power cables.

Interest Categories: Producers, Users and General Interests

This test method provides procedures for establishing volume resistivity compatibility of water blocking components with extruded semiconducting shields utilized in MV, HV, or EHV power cables. The compatibility test is designed to verify that the electrical properties of a semiconducting material used as a conductor or insulation shield are not adversely affected when exposed to a water blocking component.

NEMA (ASC C81) (National Electrical Manufacturers Association)

Michael Erbesfeld <Michael.Erbesfeld@nema.org> | 1300 North 17th Street, Suite 900 | Rosslyn, VA 22209 www.nema.org

Revision

BSR C81.61-202X, Electric Lamp Bases - Specifications for Bases (Caps) for Electric Lamps (revision of ANSI C81.61 -2023)
Stakeholders: Lamp Manufacturers, Lamp Base Manufacturers, Luminaire Manufacturers, Government Entities, Testing Laboratories

Project Need: This revision project is needed to add references to the GJ6.6 Gauge set from IEC 60061-3.

Interest Categories: Producers, Users, General Interest

This standard sets forth the specifications for bases (caps) used on electric lamps.

NEMA (ASC C81) (National Electrical Manufacturers Association)

Michael Erbesfeld <Michael.Erbesfeld@nema.org> | 1300 North 17th Street, Suite 900 | Rosslyn, VA 22209 www.nema.org

Revision

BSR C81.62-202X, Electric Lampholders (revision of ANSI C81.62-2019)
Stakeholders: Lamp Manufacturers, Lamp Base & Holder Manufacturers, Luminaire Manufacturers, Government Entities, Testing Laboratories

Project Need: This revision project is needed to add references to the GJ6.6 Gauge set from IEC 60061-3.

Interest Categories: Producers, Users, General Interest

This standard sets forth the specifications for lampholders for electric lamps.

NEMA (ASC C81) (National Electrical Manufacturers Association)

Michael Erbesfeld <Michael.Erbesfeld@nema.org> | 1300 North 17th Street, Suite 900 | Rosslyn, VA 22209 www.nema.org

Revision

BSR C81.63-202X, Gauges for Electric Lamp Bases and Lampholders (revision of ANSI C81.63-2019)
Stakeholders: Lamp Manufacturers, Lamp Base & Holder Manufacturers, Luminaire Manufacturers, Government Entities, Testing Laboratories

Project Need: This revision project is needed to add references to the GJ6.6 Gauge set from IEC 60061-3.

Interest Categories: Producers, Users, General Interest

This standard sets forth the specifications for gauges for bases (caps) and lampholders for electric lamps.

PGMA (Portable Generator Manufacturers Association)

Heather Darrah <hdarrah@thomasamc.com> | 1300 Sumner Avenue | Cleveland, OH www.pgmaonline.com

Revision

BSR/PGMA G300-202X, Safety and Performance of Portable Generators (revision of ANSI/PGMA G300-2023)
Stakeholders: Manufacturers and users of portable generators

Project Need: To update standard references and address items that have been identified since the finalization of the 2023 version.

Interest Categories: Producer, User and General Interest

This standard applies to 15 kW or smaller; single phase; 300 V or lower; 60 hertz; gasoline, liquefied petroleum gas (LPG), natural gas (NG) and diesel portable generators intended for multiple use and intended to be moved, though not necessarily with wheels. They are provided with receptacle outlets for alternating current (AC) output circuits. This standard does not apply to permanent stationary generators, 50-hertz generators, marine generators, trailer-mounted generators, generators permanently mounted in motor homes and recreational vehicles, generators intended to be pulled by vehicles, or welding power sources.

RESNA (Rehabilitation Engineering and Assistive Technology Society of North America)

Andrea Van Hook <technicalstandards@resna.org> | 2001 K Street, NW, 3rd Floor North | Washington, DC 20006 www.resna.org

National Adoption

BSR/RESNA WC-1-202x, RESNA Standard for Wheelchairs - Volume 1: Requirements and Test Methods for Wheelchairs (including Scooters) (identical national adoption of We are not adopting anything new from ISO; we are revising an ANS and revision of ANSI/RESNA WC-1-2019)
Stakeholders: Wheelchair users, caregivers/organizations representing persons with mobility impairments, Assistive Technology Practitioners, the Food and Drug Administration that manages wheelchairs as medical devices, the Centers for Medicare & Medicaid Services and Statistical Analysis Durable Medical Equipment Regional Carrier who establish coding guidelines and policy for the provision of mobility technologies, wheelchair/scooter/mobility device manufacturers, suppliers, researchers, designers, airlines, and test labs

Project Need: Wheelchair manufacturers, airlines, regulators, and advocacy groups have increasingly become aware of the difficulties faced by passengers with mobility impairments when mobility devices—especially wheelchairs and scooters—are damaged during handling and travel. Passengers who use mobility devices want the ability to use air travel configuration cards as laid out in RESNA AT-1:2021, but without information from the manufacturers, it is difficult to do so. In addition, passengers want to be able to evaluate how well a mobility device is designed for travel before purchasing the mobility device. Revising Section 15 of the RESNA WC-1:2019 standard will allow this information to be available for all wheelchairs.

Interest Categories: Consumer Clinician Government Wheelchair Manufacturer Manufacturer-Component Wheelchair Supplier Researcher/Test Lab General

This is a limited revision of Vol. 1 that applies only to Section 15, Revise and redesignate current American National Standard. Requirements for Information Disclosure, Documentation and Labeling to require manufacturers to disclose information related to wheelchairs' or scooters' air travel worthiness and pertinent information. The entire standard volume applies to manual and powered wheelchairs, including scooters, and accessories for wheelchairs and scooters. The requirements being added are adapted from RESNA AT-1:2021 which applies only to wheelchairs designed for air travel. The additional content added to the standard is not part of the ISO 7176 series.

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: September 22, 2024

ACCA (Air Conditioning Contractors of America)

1520 Belle View Boulevard, #5220, Alexandria, VA 22307 | david.bixby@acca.org, www.acca.org

Revision

BSR/ACCA 12 QH-202x, Home Evaluation and Performance Improvement (revision of ANSI/ACCA 12 QH-2018)
This Standard establishes minimum requirements to evaluate a residence with regards to energy efficiency, water conservation, occupant comfort, and indoor air quality. From this evaluation, improvement opportunities are presented by a design practitioner to the client so that they can select improvements that meet their needs. The proposed revisions are to resolve comments received during the proposed reaffirmation of 12 QH which was announced for ANSI public review on January 5, 2024.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: David Bixby, david.bixby@acca.org

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/ACCA Addendum a to ANSI/ASHRAE/ACCA Standard 211-2018 (RA-2023), Standard for Commercial Building Energy Audits (addenda to ANSI/ASHRAE/ACCA Standard 211-2018 (R2023))
This addendum reflects changes to Standard 211's Title, Purpose, and Scope (TPS) approved by ASHRAE in June 2024. The new TPS will enable Standard 211 to provide guidance on performing a decarbonization assessment in conjunction with an energy audit.
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

Comment Deadline: September 22, 2024

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

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

Addenda

BSR/ASHRAE/ASHE Addendum l to ANSI/ASHRAE/ASHE Standard 189.3-2021, Design, Construction, and Operation of Sustainable High-Performance Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 189.3-2021)
This addendum updates the lighting power densities with special consideration for healthcare areas. Table 7.4.6.1 B and C are updated to reflect these changes along with updated foot notes for the user to follow the table. The values in the tables are from a study which encompassed ten distinct healthcare facilities, ranging from medical office buildings to acute care centers, children's hospitals, cancer centers, and birthing centers, situated across California, Hawaii, Tennessee, Georgia, and Oregon. Projects varied in size from 20,000 square feet to several hundred thousand square feet, representing recent projects. By averaging LPDs across these facilities, the studio conducted comparisons against prevailing energy codes such as Title 24, IECC, ASHRAE 90.1 and 189.1. This rigorous evaluation yielded detailed insights into current industry standards and the results informed the LPD values listed in this addendum.
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 | mmilla@nsf.org, www.nsf.org

Revision

BSR/NSF 14-202x (i141r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14 -2023)
The physical, performance, and health effects requirements in this standard apply to thermoplastic and thermoset plastic piping system components including, but not limited to, pipes, fittings, valves, joining materials, gaskets, and appurtenances.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Monica Milla <mmilla@nsf.org>

ULSE (UL Standards & Engagement)

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

National Adoption

BSR/UL 60079-31-202x, Standard for Safety for Explosive Atmospheres - Part 31: Equipment Dust Ignition Protection by Enclosure t (identical national adoption of IEC 60079-31 and revision of ANSI/UL 60079-31-2015 (R2020))
Revisions to Table 1 of Clause 4.2 to remove "tc" from the column for Group IIIC.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: https://csds.ul.com/ProposalAvailable

Comment Deadline: September 22, 2024

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 391-202x, Standard for Solid-Fuel and Combination-Fuel Central and Supplementary Furnaces (revision of ANSI/UL 391-2006 (R2019))
1 Scope. 1.1 These requirements apply to manually fueled, solid-fuel-fired central furnaces. Included are supplementary central furnaces intended for interconnection with forced-air central furnaces utilizing other fuels and combination oil-fired and solid-fuel-fired, forced-air central furnaces. 1.2 The furnaces are intended to burn solid fuels, such as wood, coal, or any other biomass fuel, as specified by the manufacturer. 1.3 The furnaces are intended for connection to chimneys for residential and building heating appliances in compliance with the Standard for Chimneys, Fireplaces, Vents, and Solid Fuel Burning Appliances, NFPA 211, and intended for installation in compliance with the Standard for Installation of Warm Air Heating and Air Conditioning Systems, NFPA 90B; and the National Electrical Code, ANSI/NFPA 70; and applicable mechanical codes such as the International Mechanical Code, the Standard Mechanical Code, and the Uniform Mechanical Code.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 574-202x, Standard for Safety for Electric Oil Heaters (revision of ANSI/UL 574-2014 (R2019))
The following topic is being proposed: (1) Updates to align with UL style manual.
Click here to view these changes in full
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

Comment Deadline: October 7, 2024

AARST (American Association of Radon Scientists and Technologists)

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

Revision

BSR/AARST MS-PC-202x, Performance Specifications for Instrumentation Systems Designed to Measure Radon Gas in Air (revision of ANSI/AARST MS-PC-2022)
Consistent with plans relative to our continuous maintenance program, the latest publication of ANSI/AARST MS-PC is being published for public review. This standard specifies minimum performance criteria and testing procedures for instruments and/or systems designed to quantify the concentration of 222Rn gas in air. These are consistent with general performance criteria applicable to the wide variety of radon measurement devices used for indoor measurements, primarily in residential environments or buildings not associated with the possession or handling of radioactive materials.
Single copy price: $TBD
Obtain an electronic copy from: https://standards.aarst.org/public-review
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 7, 2024

AARST (American Association of Radon Scientists and Technologists)

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

Revision

BSR/AARST MS-QA-202x, Radon Measurement Systems Quality Assurance (revision of ANSI/AARST MS-QA-2023)
Consistent with plans relative to our continuous maintenance program, the latest publication of ANSI/AARST MS-QA is being published for public review. This standard of practice specifies minimum requirements for quality systems designed to quantify the concentration of 222Rn gas in air by qualified professionals and laboratories, whose data are intended to be used to determine the need for, or success of, radon mitigation.
Single copy price: $TBD
Obtain an electronic copy from: https://standards.aarst.org/public-review
Send comments (copy psa@ansi.org) to: Same

ASA (ASC S2) (Acoustical Society of America)

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

Reaffirmation

BSR/ASA S2.80-2019/Part 1/ISO 20816-1-2016 (R202x), Mechanical vibration - Measurement and evaluation of machine vibration - Part 1: General guidelines (a nationally adopted international standard) (reaffirm a national adoption ANSI/ASA S2.80-2019/Part 1/ISO 20816-1-2016)
This nationally adopted International Standard establishes general conditions and procedures for the measurement and evaluation of vibration using measurements made on rotating, non-rotating, and nonreciprocating parts of complete machines. It is applicable to measurements of both absolute and relative radial shaft vibration with regard to the monitoring of radial clearances, but excludes axial shaft vibration.
Single copy price: $138.00
Obtain an electronic copy from: standards@acousticalsociety.org
Send comments (copy psa@ansi.org) to: Same

ASA (ASC S2) (Acoustical Society of America)

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

Reaffirmation

BSR/ASA S2.80-2019/Part 2/ISO 20816-2-2017 (R202x), Mechanical vibration - Measurement and evaluation of machine vibration - Part 2: Land-based gas turbines, steam turbines and generators in excess of 40 MW, with fluid-film bearings and rated speeds of 1 500 r/min, 1 800 r/min, 3 000 r/min and 3 600 r/min (a nationally adopted international standard) (reaffirm a national adoption ANSI/ASA S2.80-2019/Part 2/ISO 20816-2-2017)
This nationally adopted international standard is applicable to land-based gas turbines, steam turbines, and generators (whether coupled with gas and/or steam turbines) with power outputs greater than 40 MW, fluid-film bearings and rated speeds of 1500 r/min, 1800 r/min, 3000 r/min, or 3600 r/min. The criteria provided in this document can be applied to the vibration of the gas turbine, steam turbine and generator (including synchronizing clutches).
Single copy price: $120.00
Obtain an electronic copy from: standards@acousticalsociety.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 7, 2024

ASABE (American Society of Agricultural and Biological Engineers)

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

New Standard

BSR/ASABE S644 MONYEAR-202x, Design of Electromagnetic Radiation Systems for Plants (new standard)
This standard establishes appropriate performance criteria for electromagnetic radiation devices designed for horticultural applications and installed systems (luminaire arrays) that use such devices. This standard requires a minimum set of criteria and recommends optional, advanced criteria. This standard also provides methodologies to compare the anticipated plant responses and energy performance among alternative devices and installed systems when applied to diverse horticultural operations.
Single copy price: Free
Obtain an electronic copy from: companion@asabe.org
Send comments (copy psa@ansi.org) to: Same

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

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

Revision

BSR/ASHRAE Standard 222-202xR, Standard Method of Test for Electrical Power Drive Systems (revision of ANSI/ASHRAE 222-2018)
This revision of ANSI/ASHRAE Standard 222-2018 determines the performance of power drive systems for rating the energy efficiency and electrical compatibility with the power supply systems and with motor insulation.
Single copy price: $35.00
Obtain an electronic copy from: http://www.ashrae.org/standards-research--technology/public-review-drafts
Send comments (copy psa@ansi.org) to: http://www.ashrae.org/standards-research--technology/public-review-drafts

ATSIP (Association of Transportation Safety Information Professionals)

2351 Freedom Way, Suite 201, York, PA 17402 | john@nisrinc.com, www.atsip.org

Revision

BSR/ATSIP D16-202x, Manual on Classification of Motor Vehicle Traffic Crashes - 9th Edition (revision of ANSI/ATSIP D.16-2017)
The primary purpose of the Manual on Classification of Motor Vehicle Traffic Crashes is to promote uniformity and comparability of motor vehicle traffic crash statistics now being developed in Federal, state and local jurisdictions.
Single copy price: Free
Obtain an electronic copy from: john@nisrinc.com
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 7, 2024

B11 (B11 Standards, Inc.)

P.O. Box 690905, Houston, TX 77269 | cfelinski@b11standards.org, https://www.b11standards.org/

Reaffirmation

BSR/B11.19-2019 (R202x), Performance Requirements for Risk Reduction Measures: Safeguarding and Other Means of Reducing Risk (reaffirmation of ANSI/B11.19-2019)
This standard provides performance requirements for the design, construction, installation, operation, and maintenance of the risk reduction measures listed below when applied to machines.
- inherently safe by design (see clause 7);
- engineering controls – guards (see clause 8);
- engineering controls – control functions (see clause 9);
- engineering controls – devices (see clause 10);
- administrative controls (see clause 11).

This standard does not provide the requirements for the selection of the risk reduction measure for a particular application. Any deviation in conforming to a requirement of this standard shall be carefully considered and based on a documented risk assessment to achieve acceptable risk. The reasoning and information concerning any deviation shall be included in the information for operation and maintenance of the machinery.
Single copy price: $359.00
Obtain an electronic copy from: dfelinski@b11standards.org
Send comments (copy psa@ansi.org) to: David Felinski <dfelinski@b11standards.org>

B11 (B11 Standards, Inc.)

P.O. Box 690905, Houston, TX 77269 | cfelinski@b11standards.org, https://www.b11standards.org/

Revision

BSR/B11.26-202x, Functional Safety: General Principles for Designing Safety-Related Parts of Control Systems (revision of ANSI B11.26-2018)
This standard provides both requirements and guidance for the implementation of safety-related control functions (functional safety) as they relate to electrical, electronic, pneumatic, hydraulic, and mechanical components of control systems.
Informative Note 1: This document includes a large number of detailed schematic circuit diagrams that are provided as EXAMPLE circuits only, representing common solutions in use at the time of creating this document. It is important to understand that there are many ways to fulfill a given engineering requirement and the examples only present one option. These examples are not normative, nor intended to limit innovation or the advancement of technology.
Informative Note 2: This document references ISO 13849-2 – Validation as part of an annex.
Informative Note 3: See also, clause 4 on “How to use this standard.”
Single copy price: $299.00
Obtain an electronic copy from: dfelinski@b11standards.org
Send comments (copy psa@ansi.org) to: Chris Felinski <cfelinski@b11standards.org>

Comment Deadline: October 7, 2024

CSA (CSA America Standards Inc.)

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

Reaffirmation

BSR CSA/Z21.104/CSA 9.2, Manual and automatic gas selector devices for use with gas-fired appliances (reaffirmation of ANSI Z21.104-2019)
This Standard applies to newly produced gas selector devices, hereinafter referred to as a "device", constructed entirely of new, unused parts and materials. The device may include functions such as selection of type of gas to operate the appliance and main burner primary air adjustment. The device may also contain multiple passageways that can be selected to allow the gas to pass out through the correct outlet(s) and that may contain the orifice(s). The selector does not provide safety, temperature control, shut-off or pressure regulation. The device may include features such as: (a) main burner primary air adjustment; (b) multiple passageways that can be selected to allow the gas to pass through the correct outlet(s); or (c) orifice(s). A device may be an individual device or may be incorporated as part of a regulator(s) or other type valve(s). A component(s) performing a function other than that covered by this Standard shall comply with the applicable standard(s) or Canadian Standard(s).
Single copy price: Free
Obtain an electronic copy from: ansi.contact@csagroup.org
Send comments (copy psa@ansi.org) to: ansi.contact@csagroup.org

CSA (CSA America Standards Inc.)

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

Reaffirmation

BSR CSA/Z21.90-2019/CSA6.24 (R202x), Gas convenience outlets and optional enclosures (reaffirmation of ANSI Z21.90-2019 and ANSI Z21.90a-2021/CSA 6.24A-2021)
This Standard applies to gas convenience outlets, hereinafter referred to as gas outlets and optional enclosures, not to exceed 1-1/2 in (38.1 mm) and pressures not to exceed 5 psi (34.5 kPa), capable of operation at temperatures between 32°F and 200°F (0°C and 93.3°C) if intended for indoor use only, or between –20°F and 200°F (–28.8°C and 93.3°C) if intended for indoor/outdoor use. Indoor/outdoor use is also to be capable of operation at –40°F (–40°C) when so specified by the manufacturer.
Single copy price: Free
Obtain an electronic copy from: ansi.contact@csagroup.org
Send comments (copy psa@ansi.org) to: ansi.contact@csagroup.org

Comment Deadline: October 7, 2024

CSA (CSA America Standards Inc.)

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

Reaffirmation

BSR CSA Z21.19/CSA1.4 (R202x), Refrigerators using gas fuel (reaffirmation of ANSI Z21.19-2019)
This Standard covers gas-fired refrigerators having refrigerated spaces for (1) storage of foods, or (2) storage of foods and making ice, or (3) storage of frozen foods and making ice, or (4) storage of foods and the storage of frozen foods and making ice, hereinafter referred to as refrigerators or appliances. The Standard applies to newly produced refrigerators constructed entirely of new, unused parts and materials: (a) for use with natural gas; (b) for use with liquefied petroleum (propane) gases; (c) convertible for use with natural gas and liquefied petroleum (propane) gases for residential use; (d) for manufactured home (mobile home) installation for use with liquefied petroleum (propane) gases only; (e) for manufactured (mobile home) installation convertible for use with natural gas and liquefied petroleum (propane) gases when provision is made for the simple conversion from one gas to the other; (f) for recreational vehicle installation for use with liquefied petroleum (propane) gases only; and (g) for recreational vehicle installation convertible for use with natural gas and liquefied petroleum (propane) gases when provision is made for the simple conversion from one gas to the other.
Single copy price: Free
Obtain an electronic copy from: ansi.contact@csagroup.org
Send comments (copy psa@ansi.org) to: ansi.contact@csagroup.org

CSA (CSA America Standards Inc.)

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

Reaffirmation

BSR CSA Z21.96/CSA 11.6 (R202x), Portable water heaters for outdoor use (reaffirmation of ANSI Z21.96-2019)
This Standard applies to portable type gas water heaters, herein after referred to as water heaters or appliances: (a) for use with propane; (b) for use with butane; (c) for use with liquified petroleum gases; (d) for use with LP gas-air mixtures; (e) having regulated pressure; (f) having non-regulated pressure; (g) for point of use installation (dishwashing, washing, showering, etc.); (h) for supply of potable hot water; (i) for supply of non-potable hot water; (j) intended for temporary connection to inlet water lines; (k) intended for temporary connection to outlet water lines; (l) intended for outdoor installation; and (m) intended for unvented use.
Single copy price: Free
Obtain an electronic copy from: ansi.contact@csagroup.org
Send comments (copy psa@ansi.org) to: ansi.contact@csagroup.org

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

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

Reaffirmation

BSR/ASSE Series 8000 (R202x), Self-Contained Breathing Apparatus (SCBA) Replenishment Systems - Professional Qualifications Standard (reaffirmation of ANSI/ASSE Series 8000-2011 (R2020))
This standard applies to any individual who installs, inspects, tests, and verifies Self-Contained Breathing Apparatus (SCBA) Replenishment Systems. Installers include anyone who works on or installs piping or components, including welders.
Single copy price: Free
Obtain an electronic copy from: standards@iapmostandards.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 7, 2024

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

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

Revision

BSR/ASSE 1098-202x, Performance Requirements for Atmospheric Vacuum Breakers for Vacuum Toilet Assemblies and Galley Waste Disposal Units on Commercial Aircraft (revision of ANSI/ASSE 1098-2021)
This Standard provides performance criteria for atmospheric vacuum breakers (AVB) installed on vacuum toilet assemblies and galley waste disposal units (GWDU) designed to be installed on passenger aircraft. Vacuum toilet assemblies and GWDUs consist of a connection to potable water stored on the aircraft, a waste collection receptacle, a means to rinse the waste collection receptacle, a means to protect the potable water supply, and a connection to the vacuum waste system. The potable water system protection shall vent to the cabin pressure. The vacuum toilet assemblies and galley waste disposal units shall be integral only to devices specified by the manufacturer.
Single copy price: Free
Obtain an electronic copy from: standards@iapmostandards.org
Send comments (copy psa@ansi.org) to: Same

IAPMO (International Association of Plumbing & Mechanical Officials)

4755 East Philadelphia Street, Ontario, CA 91761-2816 | gaby.davis@iapmo.org, www.iapmo.org

Revision

BSR/IAPMO UMC 1-2027-202x, Uniform Mechanical Code (revision of ANSI/IAPMO UMC 1-2024)
This code provides minimum standards to safeguard life or limb, health, property, and public welfare by regulating and controlling the design, construction, installation, quality of materials, location, operation and maintenance or use of heating, ventilating, cooling, refrigeration systems, incinerators, and other miscellaneous heat-producing appliances. The provisions of this code apply to the erection, installation, alteration, repair, relocation, replacement, addition to, use, or maintenance of mechanical systems.
Single copy price: $10.00
Obtain an electronic copy from: Hugo.Aguilar@iapmo.org
Send comments (copy psa@ansi.org) to: Gabriella Davis, Gaby.Davis@iapmo.org

IAPMO (International Association of Plumbing & Mechanical Officials)

4755 East Philadelphia Street, Ontario, CA 91761-2816 | gaby.davis@iapmo.org, www.iapmo.org

Revision

BSR/IAPMO UPC 1-2027-202x, Uniform Plumbing Code (revision of ANSI/IAPMO UPC 1-2024)
This code provides minimum standards and requirements to safeguard life or limb, health, property, and public welfare by regulating and controlling the design, construction, installation, quality of materials, location, operation, and maintenance or use of plumbing systems. The provisions of this code apply to the erection, installation, alteration, repair, relocation, addition to, use or maintenance of plumbing systems.
Single copy price: $10.00
Obtain an electronic copy from: Hugo.Aguilar@iapmo.org
Send comments (copy psa@ansi.org) to: Gabriella Davis, Gaby.Davis@iapmo.org

Comment Deadline: October 7, 2024

IES (Illuminating Engineering Society)

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

Reaffirmation

BSR/IES RP-40-19 (R24), Recommended Practice: Lighting Port Terminals (reaffirmation of ANSI/IES RP-40-19)
Recommendations for the illumination of a cargo handling terminal from a permanently installed lighting system.
Single copy price: $25.00
Obtain an electronic copy from: pmcgillicuddy@ies.org
Send comments (copy psa@ansi.org) to: Patricia McGillicuddy <pmcgillicuddy@ies.org>

IES (Illuminating Engineering Society)

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

Revision

BSR/IES RP-46-2x, Recommended Practice: Supporting the Physiological and Behavioral Effects of Lighting in Interior Daytime Environments (revision of ANSI/IES RP-46-23)
This Recommended Practice (RP) is the implementation companion to IES TM-18-18 Light and Human Health: An Overview of the Impact of Optical Radiation on Visual,Circadian, Neuroendocrine, and Neurobehavioral Responses in that it provides recommendations for translation of the basic science of how light affects visual, circadian, neuroendocrine, and neurobehavioral responses in daytime interior environments, such as those found in schools and offices. This update includes illuminance thresholds and spectral information from recent research.
Single copy price: $25.00
Obtain an electronic copy from: pmcgillicuddy@ies.org
Send comments (copy psa@ansi.org) to: Same

IES (Illuminating Engineering Society)

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

Revision

BSR/IES RP-6-24-202x, Recommended Practice: Lighting Sports and Recreational Areas (revision of ANSI/IES RP -6-22)
Lighting for all classes sports facilities except professional. This update includes new illuminance recommendations for pickleball, addition of environmental principles, color temperature recommendations, special event lighting, new broadcast content, futsal information, and elimination of dog racing lighting.
Single copy price: $25.00
Obtain an electronic copy from: pmcgillicuddy@ies.org
Send comments (copy psa@ansi.org) to: Patricia McGillicuddy <pmcgillicuddy@ies.org>

NEMA (ASC C12) (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 | Pau_orr@nema.org, www.nema.org

Revision

BSR C12.11-202x, Instrument Transformers for Revenue Metering 10kV BIL through 350 kV BIL (0.6 kV NSV through 69 kV NSV) (revision of ANSI C12.11-2006 (R2019))
This Standard covers the general requirements, metering accuracy, thermal ratings, and dimensions applicable to current transformers and inductively coupled voltage transformers for revenue metering, 10-kV basic lightning impulse insulation level (BIL) through 350 kV BIL for 0.6-kV nominal system voltage (NSV) through 69 kV NSV.
Single copy price: $393.00
Obtain an electronic copy from: pau_orr@nema.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 7, 2024

NEMA (ASC C8) (National Electrical Manufacturers Association)

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

Reaffirmation

BSR NEMA WC 66/ICEA S-116-732 (R202x), Standard for Category 6 and 6A, 100 Ohm, Individually Unshielded Twisted Pairs, Indoor Cables (with or without an Overall Shield) for Use in LAN Communication Wiring Systems (reaffirmation of ANSI/NEMA WC 66/ICEA S-166-732-2019)
This standards publication covers mechanical, electrical, and flammability requirements for thermoplastic insulated and jacketed, copper conductor, individually unshielded twisted pairs, with or without overall shield intended for use as horizontal cables, backbone cables, or in the manufacture of patch cords. Depending upon the application and system requirements, this Standard provides choices for materials and flammability ratings.
Single copy price: $91.00
Obtain an electronic copy from: communication@nema.org
Send comments (copy psa@ansi.org) to: Same

SCTE (Society of Cable Telecommunications Engineers)

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

New Standard

BSR/SCTE 292-202x, Broadband Component QR Code Technical Requirements (new standard)
The purpose of this document is to provide the cable operator ecosystem with the necessary information to deliver standardized information about Network components and modules for use by cable operators. This document focuses on providing direction on two key mechanisms for the delivery of standardized information: (1) the development of consistent and useful physical labels that include serialization and QR codes and (2) the development and delivery of detailed component manufacturing information as part of advanced shipping notices.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

SCTE (Society of Cable Telecommunications Engineers)

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

Withdrawal

ANSI/SCTE 195-2019, XFP-RF: Specifications for an RF-Modulated Small Form Factor Pluggable Optical Module (withdrawal of ANSI/SCTE 195-2019)
This specification will focus on the communications, electrical, and mechanical interfaces for the XFP RF optical transmitter module. Unless otherwise noted, requirements within this specification apply both to the transmitter module and its host.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

Comment Deadline: October 7, 2024

SCTE (Society of Cable Telecommunications Engineers)

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

Withdrawal

ANSI/SCTE 196-2019, SFP-RF: Interface Specifications for an RF-Modulated Small Form Factor Pluggable Optical Module (withdrawal of ANSI/SCTE 196-2019)
This standard will focus on the communications, electrical, and mechanical interfaces for the SFP RF optical transmitter module. Unless otherwise noted, requirements held within this standard apply both to the transmitter module and its host.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

SCTE (Society of Cable Telecommunications Engineers)

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

Withdrawal

ANSI/SCTE 199-2019, Interface Specifications for an RF-Modulated Small Form Factor Pluggable Optical Receiver Module (SFP-RF-USRx) (withdrawal of ANSI/SCTE 199-2019)
It is proposed to create a standard that specifies the interfaces between an upstream laser receiver module and its host. The module is based on [XFP MSA], but is in an SFP form factor and will receive RF-modulated optical signals. This optical receiver module could be deployed in headend equipment, such as the Converged Cable Access Platform (CCAP) or HFC optoelectronics products, providing a standardized, interoperable solution. This standard focuses on the communication, electrical, and mechanical interfaces for the optical receiver module. Requirements held within this standard apply both to the receiver module and its host.
Single copy price: $50.00
Obtain an electronic copy from: standards@scte.org
Send comments (copy psa@ansi.org) to: standards@scte.org

TIA (Telecommunications Industry Association)

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

Reaffirmation

BSR/TIA 5048-2017 (R202x), Automated Infrastructure Management (AIM) Systems Requirements, Data Exchange and Applications (reaffirm a national adoption ANSI/TIA 5048-2017 and ANSI/TIA 5048-1-2021)
This standard specifies the requirements and recommendations for the attributes of Automated Infrastructure Management (AIM) systems, explains how AIM systems can contribute to operational efficiency, and specifies a framework of requirements and recommendations for data exchange with other systems.
Single copy price: $109.00
Obtain an electronic copy from: standards-process@tiaonline.org
Send comments (copy psa@ansi.org) to: Same

Comment Deadline: October 7, 2024

ULSE (UL Standards & Engagement)

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

National Adoption

BSR/UL 60079-10-1-202x, Standard for Safety for Explosive Atmospheres - Part 10-1: Classification of Areas - Explosive Gas Atmospheres (national adoption with modifications of IEC 60079-10-1)
This proposal is for the Adoption of IEC 60079-10-1, Explosive Atmospheres – Part 10-1: Classification of Areas – Explosive Gas Atmospheres, (third edition, issued by IEC December 2020) as a new IEC-based UL Standard, UL 60079-10-1 with US National Differences.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards & Engagement)

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

National Adoption

BSR/UL 60079-10-2-202x, Standard for Safety for Explosive Atmospheres - Part 10-2: Classification of Areas - Explosive Dust Atmospheres (national adoption with modifications of IEC 60079-10-2)
This proposal is for the Adoption of IEC 60079-10-2, Explosive Atmospheres - Part 10-2: Classification of Areas - Explosive Dust Atmospheres, (second edition, issued by IEC January 2015) as a new IEC-based UL Standard, UL 60079-10-2 with US National Differences.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: https://csds.ul.com/ProposalAvailable

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 127-202x, Standard for Factory-Built Fireplaces (revision of ANSI/UL 127-2020)
1 Scope. 1.1 These requirements cover factory-built fireplaces, including the fire chamber, chimney, roof assembly, and other related parts that are entirely factory-made and that are intended for unit assembly in the field. 1.2 These requirements cover factory-built fireplaces having a fire chamber intended to be operated either open to a room or, when equipped with doors, operated with the doors either open or closed. 1.3 These requirements cover factory-built fireplaces intended for use with either solid wood or coal fuels. 1.4 The factory-built fireplaces covered by these requirements are intended for installation in accordance with the National Fire Protection Association Standard for Chimneys, Fireplaces, Vents and Solid-Fuel Burning Appliances, NFPA 211, the International Mechanical Code, and the Uniform Mechanical Code.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

Comment Deadline: October 7, 2024

ULSE (UL Standards & Engagement)

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

Revision

BSR/UL 1453-202x, Standard for Safety for Electric Booster and Commercial Storage Tank Water Heaters (revision of ANSI/UL 1453-2018 (R2023))
The following topics are being proposed: (1) Clarification of scope; (2) Revision to dip tube requirements in Section 27; and (3) Updates to align with UL style manual.
Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable.

Comment Deadline: October 22, 2024

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | s.merten@ieee.org, www.ieee.org

New Standard

BSR/IEEE C37.252-202x, Guide for Testing Automatic Voltage Control Systems in Regional Power Grids (new standard)
The application philosophy, limitations, and testing methods for the automatic voltage control (AVC) system of the power grid are described in this guide. The testing for reactive-power-control-based AVC systems in the power grid is applied.
Single copy price: $56.00
Obtain an electronic copy from: https://store.accuristech.com/standards/ieee-c37-252-2024?product_id=2577724
Order from: https://store.accuristech.com/
Send comments (copy psa@ansi.org) to: Suzanne Merten <s.merten@ieee.org>

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | s.merten@ieee.org, www.ieee.org

New Standard

BSR/IEEE C57.107-202x, Recommended Practice for Developing Short-Term Overexcitation V/Hz Curves for Transformers Directly Connected to Generators (new standard)
The recommended process and criteria for developing V/Hz curves for relay protection purposes for power transformers directly connected to generators are provided in this recommended practice.
Single copy price: $56.00
Obtain an electronic copy from: https://store.accuristech.com/standards/ieee-c57-107-2024?product_id=2569217
Order from: https://store.accuristech.com/
Send comments (copy psa@ansi.org) to: Suzanne Merten <s.merten@ieee.org>

Comment Deadline: October 22, 2024

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | s.merten@ieee.org, www.ieee.org

Revision

BSR/IEEE 1680.2-202x, Standard for Environmental Assessment of Imaging Equipment (revision of ANSI/IEEE 1680.2-2012)
A clear and consistent set of environmental performance criteria for the design of imaging equipment products is established, providing an opportunity to secure market recognition for efforts to reduce the environmental impact of electronic products. This standard is also intended to provide a tool for government, institutional, corporate, and consumer purchasers to identify products that demonstrate environmental leadership. The intent is that the standard will be updated and revised periodically to continue to set a higher performance standard for leadership products.
Single copy price: $89.00
Obtain an electronic copy from: https://store.accuristech.com/standards/ieee-1680-2-2024?product_id=2574127
Order from: https://store.accuristech.com/
Send comments (copy psa@ansi.org) to: Suzanne Merten <s.merten@ieee.org>

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | s.merten@ieee.org, www.ieee.org

Revision

BSR/IEEE C37.63-202x, Standard Requirements for Overhead, Pad-Mounted, Dry-Vault, and Submersible Automatic Line Sectionalizers for Alternating Current Systems up to and Including 38 kV (revision of ANSI/IEEE C37.63-2013)
Required definitions, ratings, procedures for performing design tests and production tests, constructional requirements, and application considerations for overhead and pad-mounted, dry-vault, and submersible automatic line sectionalizers for ac systems are specified in this standard.
Single copy price: $82.00
Obtain an electronic copy from: https://store.accuristech.com/standards/ieee-c37-63-2024?product_id=2562121
Order from: https://store.accuristech.com/
Send comments (copy psa@ansi.org) to: Suzanne Merten <s.merten@ieee.org>

Comment Deadline: October 22, 2024

ULSE (UL Standards & Engagement)

100 Queen St. Suite 1040, Ottawa, ON K1P1J9 | andrea.gilders@ul.org, https://ulse.org/

Revision

BSR/UL 827-202x, UL Standard for Safety for Central-Station Alarm Services (revision of ANSI/UL 827-2023)
1.1 These requirements apply to: (a) Central-stations providing Central-Station Fire-Alarm Service and that may monitor Remote Supervising Station System type fire-alarm systems (OBJ2) as described in the National Fire Alarm and Signaling Code, NFPA 72; (b) Central-station burglar-alarm systems intended and specifically designated for burglary protection use at mercantile and banking premises, on mercantile safes and vaults, and on bank safes and vaults; (c) Central-stations that monitor burglar-alarm systems that are not central-station burglar-alarm-type as defined by this Standards; (d) Residential monitoring stations monitoring residential alarm systems; (e) Redundant sites; (f) Remote signal management centers; and (g) Hosted central-station service providers.
Single copy price: Free
Order from: https://csds.ul.com/ProposalAvailable
Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/ProposalAvailable

Technical Reports Registered with ANSI

Technical Reports Registered with ANSI are not consensus documents. Rather, all material contained in Technical Reports Registered with ANSI is informational in nature. Technical reports may include, for example, reports of technical research, tutorials, factual data obtained from a survey carried out among standards developers and/or national bodies, or information on the "state of the art" in relation to standards of national or international bodies on a particular subject. Immediately following the end of a 30-day announcement period in Standards Action, the Technical Report will be registered by ANSI. Please submit any comments regarding this registration to the organization indicated, with a copy to (psa@ansi.org).

B11 (B11 Standards, Inc.)

P.O. Box 690905, Houston, TX 77269 | cfelinski@b11standards.org, https://www.b11standards.org/

New Technical Report

B11.TR11, Using ANSI Standards for CE-marking of Machinery (technical report)
This guidance document provides a strategy on how to use ANSI consensus standards to meet the European Union's Essential Health and Safety Requirements (ESHRs) in the Machinery Directive and Machinery Regulation, and to CE mark a machine through the use of those standards. This guidance document was developed because the EN "harmonized" standards development system is struggling due to internal disagreements between the EU and the EC as to how the standards development process should work. This problem is leading to uncertainty, confusion, and significant delay in producing EN standards and thereby, harmonized ISO standards. Because national and international standards are increasingly aligned, machine suppliers can use ANSI standards in lieu of "harmonized EN standards," and still meet the requirements for CE marking and compliance with the Machinery Directive/Machinery Regulation. Using ANSI standards will provide machine suppliers and users greater certainty, efficiency and speed in providing state of the art machinery that achieves acceptable risk and meets both the EU and U.S. regulatory requirements. This document describes the current situation in more detail and provides the rationale for using ANSI standards to build safer and compliant machinery.
Send comments (copy psa@ansi.org) to: Chris Felinski <cfelinski@b11standards.org>

Technical Reports Registered with ANSI

NEMA (ASC C137) (National Electrical Manufacturers Association)

1300 N 17th Street, Suite 900, Rosslyn, VA 22209 | Michael.Erbesfeld@nema.org, www.nema.org

New Technical Report

C137 TR 1-2024, Lighting Control User Interface Technical Report-a Technical Report prepared by the C137 Consensus Body-Lighting Systems (technical report)
This technical report recommends user interface elements for lighting controls utilized by end-users and occupants. It is applicable to hardware controls, software applications, personal control apps, displays, and documentation. This technical report addresses visual elements (terms, symbols, and colors), physical action mappings, automatic elements (indication and actuation), and tactile elements (identification and actuation). This technical paper does not address ergonomic, or safety considerations associated with the deployment of user lighting control interface elements.
Send comments (copy psa@ansi.org) to: Same

Project Withdrawn

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

IEEE (Institute of Electrical and Electronics Engineers)

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

BSR/IEEE 1863-202x, Guide for Overhead AC Transmission Line Design (new standard)
Send comments (copy psa@ansi.org) to: Karen Evangelista <k.evangelista@ieee.org>

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

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

AmericanHort

525 9th Street NW, Suite 800, Washington, DC 21087 | craigr@americanhort.org, http://www.americanhort.org

ANSI Z60.1-2014, Standard for Nursery Stock (revision of ANSI Z60.1-2004)
Send comments (copy psa@ansi.org) to: Craig Regelbrugge <craigr@americanhort.org>

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

ASCE (American Society of Civil Engineers)

1801 Alexander Bell Drive, Reston, VA 20190 | loleary@asce.org, www.asce.org

ANSI/ASCE/EWRI 44-2013, Standard Practice for the Design and Operation of Supercooled Fog Dispersal Projects (new standard)
Send comments (copy psa@ansi.org) to: Lindsay O'Leary <loleary@asce.org>

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

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

ASME (American Society of Mechanical Engineers)
Two Park Avenue, M/S 6-2B, New York, NY 10016-5990 | ansibox@asme.org, www.asme.org

ANSI/ASME MFC-11M-2006 (R2014), Measurement of Fluid Flow in Closed Conduits by Means of Coriolis Mass Flowmeters (reaffirmation of ANSI/ASME MFC-11M-2006)
Send comments (copy psa@ansi.org) to: Terrell Henry <ansibox@asme.org>

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

ASME (American Society of Mechanical Engineers)
Two Park Avenue, M/S 6-2B, New York, NY 10016-5990 | ansibox@asme.org, www.asme.org

ANSI/ASME MFC-12M-2006 (R2014), Measurement of Fluid Flow in Closed Conduits Using Multiport Averaging Pitot Primary Elements (reaffirmation of ANSI/ASME MFC-12M-2006)
Send comments (copy psa@ansi.org) to: Terrell Henry <ansibox@asme.org>

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

ASME (American Society of Mechanical Engineers)
Two Park Avenue, M/S 6-2B, New York, NY 10016-5990 | ansibox@asme.org, www.asme.org

ANSI/ASME MFC-22-2007 (2014), Measurement of Liquid by Turbine Flowmeters (reaffirmation of ANSI/ASME MFC-22-2007)
Send comments (copy psa@ansi.org) to: Terrell Henry <ansibox@asme.org>

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

ASME (American Society of Mechanical Engineers)
Two Park Avenue, M/S 6-2B, New York, NY 10016-5990 | ansibox@asme.org, www.asme.org

ANSI/ASME PTC 2-2001 (R2014), Definitions and Values (reaffirmation of ANSI/ASME PTC 2-2001 (R2009))
Send comments (copy psa@ansi.org) to: Terrell Henry <ansibox@asme.org>

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

ASME (American Society of Mechanical Engineers)
Two Park Avenue, M/S 6-2B, New York, NY 10016-5990 | ansibox@asme.org, www.asme.org

ANSI/ASME PTC 6-2004 (R2014), Steam Turbines (reaffirmation of ANSI/ASME PTC 6-2004)
Send comments (copy psa@ansi.org) to: Terrell Henry <ansibox@asme.org>

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

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

CTA (Consumer Technology Association)

1919 South Eads Street, Arlington, VA 22202 | KHaresign@cta.tech, www.cta.tech

ANSI/CTA 2047-2014, CE Energy Usage Information (CE-EUI) (new standard)
Send comments (copy psa@ansi.org) to: Kerri Haresign <KHaresign@cta.tech>

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

ECIA (Electronic Components Industry Association)

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

ANSI/EIA 198-2-E-2014, Ceramic Dielectric Capacitors Classes I, II, III and IV - Part II: Test Methods (new standard)
Send comments (copy psa@ansi.org) to: Laura Donohoe <ldonohoe@ecianow.org>

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

ECIA (Electronic Components Industry Association)

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

ANSI/EIA 521-A-2013, Application Guide for Multilayer Ceramic Capacitors - Electrical (new standard)
Send comments (copy psa@ansi.org) to: Laura Donohoe <ldonohoe@ecianow.org>

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

ECIA (Electronic Components Industry Association)

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

ANSI/EIA 576-B-2014, Resistors, Rectangular, Surface Mount Precision (revision and redesignation of ANSI/EIA 576-A-2005)
Send comments (copy psa@ansi.org) to: Laura Donohoe <ldonohoe@ecianow.org>

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

FM (FM Approvals)

One Technology Way, Norwood, MA 02062 | josephine.mahnken@fmapprovals.com, www.fmapprovals.com

ANSI/FM 4950-2007 (R2013), Welding Pads, Welding Blankets and Welding Curtains for Hot Work Operations (reaffirmation of ANSI/FM 4950-2007)
Send comments (copy psa@ansi.org) to: Josephine Mahnken <josephine.mahnken@fmapprovals.com>

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

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

HPS (ASC N13) (Health Physics Society)

950 Herndon Parkway, Suite 450, Herndon, VA 20170 | awride-graney@burkinc.com, www.hps.org

ANSI N13.59-2008 (R2014), Characterization in Support of Decommissioning Using the Data Quality Objectives Process (reaffirmation of ANSI N13.59-2008)
Send comments (copy psa@ansi.org) to: Amy Wride-Graney <awride-graney@burkinc.com>

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

IEEE (ASC N42) (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 | J.Santulli@ieee.org, www.ieee.org

ANSI N42.49B-2013, Performance Criteria for Non-alarming Personal Emergency Radiation Detectors (PERDs) for Exposure Control (new standard)
Send comments (copy psa@ansi.org) to: Jennifer Santulli <J.Santulli@ieee.org>

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

IEEE (ASC N42) (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 | J.Santulli@ieee.org, www.ieee.org

ANSI N42.55-2013, Standard for the Performance of Portable Transmission X-Ray Systems for Use in Improvised Explosive Device and Hazardous Device Identification (new standard)
Send comments (copy psa@ansi.org) to: Jennifer Santulli <J.Santulli@ieee.org>

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

IEEE (ASC N42) (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 | J.Santulli@ieee.org, www.ieee.org

ANSI N323A/B-2013, Radiation Protection Instrumentation Test and Calibration, Portable Survey Instruments (revision and redesignation of ANSI N323B-2003)
Send comments (copy psa@ansi.org) to: Jennifer Santulli <J.Santulli@ieee.org>

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

MHI (ASC MHC) (Material Handling Industry)

8720 Red Oak Boulevard, Suite 201, Charlotte, NC 28217 | pdavison@mhi.org, www.mhi.org

ANSI MH10.8.3-2002 (R2012), Standard for Material Handling - Syntax for High Capacity ADC Media (new standard)
Send comments (copy psa@ansi.org) to: Patrick Davison <pdavison@mhi.org>

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

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

NECA (National Electrical Contractors Association)

1201 Pennsylvania Avenue, Suite 1200, Washington, DC 20004 | Jeff.Noren@NECAnet.org, www.neca-neis.org

ANSI/NECA 404-2014, Standard for Installing Generator Sets (revision of ANSI/NECA 404-2006)
Send comments (copy psa@ansi.org) to: Jeff Noren <Jeff.Noren@NECAnet.org>

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

NECA (National Electrical Contractors Association)

1201 Pennsylvania Avenue, Suite 1200, Washington, DC 20004 | Jeff.Noren@NECAnet.org, www.neca-neis.org

ANSI/NECA 420-2014, Standard for Fuse Applications (revision of ANSI/NECA 420-2007)
Send comments (copy psa@ansi.org) to: Jeff Noren <Jeff.Noren@NECAnet.org>

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

PRCA (Professional Ropes Course Association)

6260 East Riverside Boulevard #104, Rockford, IL 61114 | climb1guide@gmail.com, www.prcainfo.org

ANSI/PRCA 1.0-3-2014, Ropes Challenge Course Installation, Operation & Training Standards (new standard)
Send comments (copy psa@ansi.org) to: Michael Barker <climb1guide@gmail.com>

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

SAIA (ASC A92) (Scaffold & Access Industry Association)

400 Admiral Boulevard, Kansas City, MO 64106 | deanna@saiaonline.org, www.saiaonline.org

ANSI/SAIA A92.7-2014, Standard for Airline Ground Support Vehicle-Mounted Vertical Lift Devices (new standard)
Send comments (copy psa@ansi.org) to: DeAnna Martin <deanna@saiaonline.org>

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

SMACNA (Sheet Metal and Air-Conditioning Contractors' National Association)

4201 Lafayette Center Drive, Chantilly, VA 20151-1219 | crathinam@smacna.org, www.smacna.org

ANSI/SMACNA 014-2013, HVAC Systems Commissioning Manual (new standard)
Send comments (copy psa@ansi.org) to: Cintamani Rathinam <crathinam@smacna.org>

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

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

TIA (Telecommunications Industry Association)

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

ANSI/TIA 455-3B-2009 (R2014), Procedure to Measure Temperature Cycling Effects on Optical Fiber Units, Optical Cable, and Other Passive Fiber Optic components (reaffirmation of ANSI/TIA 455-3B-2009)
Send comments (copy psa@ansi.org) to: Teesha Jenkins <tjenkins@tiaonline.org>

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

TIA (Telecommunications Industry Association)

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

ANSI/TIA 455-203-A-2009 (R2014), Light Source Encircled Flux Measurement Method (reaffirmation of ANSI/TIA 455-203-A-2009)
Send comments (copy psa@ansi.org) to: Teesha Jenkins <tjenkins@tiaonline.org>

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

TIA (Telecommunications Industry Association)

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

ANSI/TIA 598-D-2014, Optical Fiber Cable Coding (revision and redesignation of ANSI/TIA 598-C-2005)
Send comments (copy psa@ansi.org) to: Teesha Jenkins <tjenkins@tiaonline.org>

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

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

30200 Detroit Road, Cleveland, OH 44145-1967 | djh@wherryassoc.com, www.uama.org

ANSI B74.16-2002 (R2014), Checking the Size of Diamond and Cubic Boron Nitride Abrasive Grain (reaffirmation of ANSI B74.16-2002 (R2007))
Send comments (copy psa@ansi.org) to: Donna Haders <djh@wherryassoc.com>

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

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

30200 Detroit Road, Cleveland, OH 44145-1967 | djh@wherryassoc.com, www.uama.org

ANSI B74.21-2002 (R2014), Fatigue Proof Test Procedure for Vitrified Wheels (reaffirmation of ANSI B74.21 -2002 (R2007))
Send comments (copy psa@ansi.org) to: Donna Haders <djh@wherryassoc.com>

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

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

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

30200 Detroit Road, Cleveland, OH 44145-1967 | djh@wherryassoc.com, www.uama.org

ANSI B74.22-1991 (R2014), Design Test for Type 27 Portable Grinding Wheels (reaffirmation of ANSI B74.22 -1991 (R2007))
Send comments (copy psa@ansi.org) to: Donna Haders <djh@wherryassoc.com>

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

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

30200 Detroit Road, Cleveland, OH 44145-1967 | djh@wherryassoc.com, www.uama.org

ANSI B74.23-2002 (R2014), Measuring Relative Crystal Strengths of Diamond and Cubic Boron Nitride (reaffirmation of ANSI B74.23-2002 (R2007))
Send comments (copy psa@ansi.org) to: Donna Haders <djh@wherryassoc.com>

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

USEMCSC (United States EMC Standards Corp.)

32515 Nottingham Court, P.O. Box 367, Lindstrom, MN 55045 | danhoolihanemc@aol.com

ANSI/IEEE C63.4-2014, Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz (revision of ANSI C63.4-2009)
Send comments (copy psa@ansi.org) to: Daniel Hoolihan <danhoolihanemc@aol.com>

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.

NCPDP (National Council for Prescription Drug Programs)

9240 East Raintree Drive, Scottsdale, AZ 85260 | mweiker@ncpdp.org, www.ncpdp.org

ANSI/NCPDP Benefit Integration Standard v15-2019, NCPDP Benefit Integration Standard v15 (revision and redesignation of ANSI/NCPDP Benefit Integration Standard v14-2019)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Margaret Weiker <mweiker@ncpdp.org>

NCPDP (National Council for Prescription Drug Programs)

9240 East Raintree Drive, Scottsdale, AZ 85260 | mweiker@ncpdp.org, www.ncpdp.org

ANSI/NCPDP MR v07.03-2019, NCPDP Manufacturer Rebate Utilization, Plan, Formulary, Market Basket, and Reconciliation Flat File Standard v07.03 (revision and redesignation of ANSI/NCPDP MR v07.02-2018)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Margaret Weiker <mweiker@ncpdp.org>

Withdrawal of an ANS by ANSI-Accredited Standards Developer

NCPDP (National Council for Prescription Drug Programs)
9240 East Raintree Drive, Scottsdale, AZ 85260 | mweiker@ncpdp.org, www.ncpdp.org

ANSI/NCPDP PA Transfer v24-2019, NCPDP Prior Authorization Transfer Standard v24 (revision and redesignation of ANSI/NCPDP PA Transfer v23-2019)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Margaret Weiker <mweiker@ncpdp.org>

NCPDP (National Council for Prescription Drug Programs)
9240 East Raintree Drive, Scottsdale, AZ 85260 | mweiker@ncpdp.org, www.ncpdp.org

ANSI/NCPDP Post Adj v50-2019, NCPDP Post Adjudication Standard v50 (revision and redesignation of ANSI/NCPDP Post Adj v49-2019)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Margaret Weiker <mweiker@ncpdp.org>

NCPDP (National Council for Prescription Drug Programs)
9240 East Raintree Drive, Scottsdale, AZ 85260 | mweiker@ncpdp.org, www.ncpdp.org

ANSI/NCPDP SC Standard 21090712019, NCPDP SCRIPT Standard 2019071x (revision and redesignation of ANSI/NCPDP SC Standard 2019011-2019)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Margaret Weiker <mweiker@ncpdp.org>

NCPDP (National Council for Prescription Drug Programs)
9240 East Raintree Drive, Scottsdale, AZ 85260 | mweiker@ncpdp.org, www.ncpdp.org

ANSI/NCPDP Specialized Standard 2019071-2019, NCPDP Specialized Standard 2019071 (revision and redesignation of ANSI/NCPDP Specialized Standard 2019011-2019)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Margaret Weiker <mweiker@ncpdp.org>

NCPDP (National Council for Prescription Drug Programs)
9240 East Raintree Drive, Scottsdale, AZ 85260 | mweiker@ncpdp.org, www.ncpdp.org

ANSI/NCPDP Specialty Pharmacy Reporting v12-2019, NCPDP Specialty Pharmacy Data Reporting Standard v12 (revision and redesignation of ANSI/NCPDP Specialty Pharmacy Reporting v11-2019)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Margaret Weiker <mweiker@ncpdp.org>

NCPDP (National Council for Prescription Drug Programs)
9240 East Raintree Drive, Scottsdale, AZ 85260 | mweiker@ncpdp.org, www.ncpdp.org

ANSI/NCPDP TC vF5-2019, NCPDP Telecommunication Standard vF5 (revision and redesignation of ANSI/NCPDP TC vF4-2019)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Margaret Weiker <mweiker@ncpdp.org>

NCPDP (National Council for Prescription Drug Programs)
9240 East Raintree Drive, Scottsdale, AZ 85260 | mweiker@ncpdp.org, www.ncpdp.org

ANSI/NCPDP Uniform Healthcare Payer Data Standard v27-2019, NCPDP Uniform Healthcare Payer Data Standard v27 (revision and redesignation of ANSI/NCPDP Uniform Healthcare Payer Data Standard v26-2019)
Send comments (copy psa@ansi.org) to: Questions may be directed to: Margaret Weiker <mweiker@ncpdp.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.

ACP (American Clean Power Association)

1299 Pennsylvania Ave. NW, Suite 1300, Washington, DC 20004 | dbrown@cleanpower.org, www.cleanpower.org

ANSI/ACP OCRP-3-2024, ACP US Offshore Wind Metocean Conditions Characterization Recommended Practices (new standard) Final Action Date: 8/19/2024 | *New Standard*

AGMA (American Gear Manufacturers Association)

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

ANSI/AGMA ISO 23509-B17 (R2024), Bevel and Hypoid Gear Geometry (reaffirm a national adoption ANSI/AGMA ISO 23509-B17) Final Action Date: 8/19/2024 | *Reaffirmation*

ANS (American Nuclear Society)

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

ANSI/ANS 14.1-2004 (R2024), Operation of Fast Pulse Reactors (reaffirmation of ANSI/ANS 14.1-2004 (R2019)) Final Action Date: 8/19/2024 | *Reaffirmation*

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

351 N. Williamson Boulevard, Daytona Beach, FL 32114-1112 | jarrella@apcointl.org, www.apcoIntl.org

ANSI/APCO 1.124.1-2024, Supplemental Emergency Responder Recommendations (new standard) Final Action Date: 8/19/2024 | *New Standard*

ASABE (American Society of Agricultural and Biological Engineers)

2590 Niles Road, Saint Joseph, MI 49085 | stell@asabe.org, https://www.asabe.org/

ANSI/ASABE S625.2 AUG2024, Drawbar Pin Dimensions and Requirements (revision and redesignation of ANSI/ASABE S625.1-JUL2018 (R2022)) Final Action Date: 8/12/2024 | *Revision*

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

ANSI X9.58-2024, Financial transaction messages - Electronic Benefits Transfer (EBT) - Supplemental Nutrition Assistance Program (SNAP) and cash benefit programs (revision of ANSI X9.58-2022) Final Action Date: 8/19/2024 | *Revision*

CPLSO

The Marchioness Building, Commercial Road, Bristol BS16TG, UK BS1 6TG | pratt.hugh@cplso.org

ANSI/CPLSO 19-2024, Electrical Characteristics of ECDs and CEWs with more than 2 Probes (new standard) Final Action Date: 8/14/2024 | *New Standard*

CTA (Consumer Technology Association)

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

ANSI/CTA 2089-A-2024, Definitions and Characteristics of Artificial Intelligence (revision of ANSI/CTA 2089-2020) Final Action Date: 8/13/2024 | *Revision*

GBI (Green Building Initiative)

PO Box 80010, Portland, 97280 | emarx@thegbi.org, www.thegbi.org

ANSI/GBI 01-2024, Green Globes Assessment Protocol for Design, New Construction, and Major Renovations (revision of ANSI/GBI 01-2021) Final Action Date: 8/19/2024 | *Revision*

HL7 (Health Level Seven)

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

ANSI/HL7 FHIR IG SHORTHAND, E3-2024, HL7 FHIR® Implementation Guide: FHIR Shorthand, Edition 3.0.0 (revision of ANSI/HL7 FHIR IG SHORTHAND, R2-2022) Final Action Date: 8/19/2024 | *Revision*

IEEE (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854-4141 | s.merten@ieee.org, www.ieee.org

ANSI/IEEE 1936.2-2024, Photogrammetric Technical Standard for Civil Light and Small Unmanned Aircraft Systems for Overhead Transmission Line Engineering (new standard) Final Action Date: 8/14/2024 | *New Standard*

ANSI/IEEE C37.20.3-2024, Standard for Metal-Enclosed Interrupter Switchgear Rated above 1 kV AC up to and Including 48.3 kV AC (new standard) Final Action Date: 8/14/2024 | *New Standard*

NECA (National Electrical Contractors Association)

1201 Pennsylvania Avenue, Suite 1200, Washington, DC 20004 | Jeff.Noren@NECAnet.org, www.neca-neis.org

ANSI/NECA 413-2024, Standard for Installing and Maintaining Electric Vehicle Supply Equipment (EVSE) (revision of ANSI/NECA 413-2019) Final Action Date: 8/12/2024 | *Revision*

ANSI/NECA 417-2024, Recommended Practice for Designing, Installing, Operating, and Maintaining Microgrids (revision of ANSI/NECA 417-2019) Final Action Date: 8/12/2024 | *Revision*

NSF (NSF International)

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

ANSI/NSF/CAN 61-2024 (i175r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF/CAN 61 -2023) Final Action Date: 8/10/2024 | *Revision*

ULSE (UL Standards & Engagement)

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

ANSI/UL 1175-2020 (R2024), Standard for Safety for Buoyant Cushions (reaffirmation of ANSI/UL 1175-2020) Final Action Date: 8/16/2024 | *Reaffirmation*

ANSI/UL 1889-2024, Standard for Safety for Commercial Filters for Cooking Oil (revision of ANSI/UL 1889-2018) Final Action Date: 8/12/2024 | *Revision*

Call for Members (ANS Consensus Bodies)

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

ANSI Accredited Standards Developer

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

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

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

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

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

ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

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

AARST (American Association of Radon Scientists and Technologists)

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

BSR/AARST MS-QA-202x, Radon Measurement Systems Quality Assurance (revision of ANSI/AARST MS-QA-2023)

AARST (American Association of Radon Scientists and Technologists)

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

BSR/AARST MS-PC-202x, Performance Specifications for Instrumentation Systems Designed to Measure Radon Gas in Air (revision of ANSI/AARST MS-PC-2022)

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASABE S644 MONYEAR-202x, Design of Electromagnetic Radiation Systems for Plants (new standard)

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-H-202x, Electrical Connector/Socket Test Procedures Including Environmental Classifications (revision and redesignation of ANSI/EIA 364-G-2021)

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-66A-202x, EMI Shielding Effectiveness Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-66A-2000 (R2019))

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-110 (R202x), Thermal Cycling Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA/ECA 364-110-2006 (R2019))

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-51B-2019 (R202x), Ice Resistance Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-51B-2019)

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-90A-2019 (R202x), Crosstalk Ratio Test Procedures for Electrical Connectors, Sockets, Cable Assemblies or Interconnect Systems (reaffirmation of ANSI/EIA 364-90A-2019)

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-107A-2019 (R202x), Eye Pattern and Jitter Test Procedure for Electrical Connectors, Sockets, Cable Assemblies or Interconnection Systems (reaffirmation of ANSI/EIA 364-107A-2019)

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-108A-2019 (R202x), Impedance, Reflection Coefficient, Return Loss, and VSWR Measured in the Time and Frequency Domain Test Procedure for Electrical Connectors, Cable Assemblies or Interconnection Systems (reaffirmation of ANSI/EIA 364-108A-2019)

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-120-2019 (R202x), Electrolytic Erosion Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-120-2019)

ESTA (Entertainment Services and Technology Association)

271 Cadman Plaza, P.O. Box 23200, Brooklyn, NY 11202-3200 | standards@esta.org, www.esta.org

BSR/E1.84-202x, Dimensional Requirements for 19-pin Socapex style Connectors (new standard)
Interest Categories: The Electrical Power Working Group seeks new consensus body members in the following interest categories: Custom market producers; Designers; Dealer or rental companies; General interest. Interested parties send inquiries to standards@esta.org for details.

FCI (Fluid Controls Institute)

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

BSR/FCI 18-2-202x, Standard for Installation of Type 1 Secondary Pressure Drainers (revision of ANSI/FCI 18-2 -2020)

FCI (Fluid Controls Institute)

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

BSR/FCI 99-1-202x, Standard for Performance Testing of Secondary Pressure Drainers (revision of ANSI/FCI 99-1 -2020)

IES (Illuminating Engineering Society)

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

BSR/IES RP-46-2x, Recommended Practice: Supporting the Physiological and Behavioral Effects of Lighting in Interior Daytime Environments (revision of ANSI/IES RP-46-23)

IES (Illuminating Engineering Society)

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

BSR/IES RP-40-19 (R24), Recommended Practice: Lighting Port Terminals (reaffirmation of ANSI/IES RP-40-19)

IES (Illuminating Engineering Society)

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

BSR/IES RP-6-24-202x, Recommended Practice: Lighting Sports and Recreational Areas (revision of ANSI/IES RP-6 -22)

ISA (International Society of Automation)

3252 S. Miami Blvd, Suite 102, Durham, NC 27703 | crobinson@isa.org, www.isa.org

BSR/ISA 101.01-202x, Human machine interfaces for process automation systems (national adoption with modifications of IEC 63303:2024)

NEMA (ASC C8) (National Electrical Manufacturers Association)

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

BSR ICEA T-32-645-202x, Test Method for Establishing Volume Resistivity Compatibility of Water Blocking Components with Extruded Semiconducting Shield Materials (revision of ANSI/ICEA T-32-645-2017 (R2023))

NEMA (ASC C81) (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 | Michael.Erbesfeld@nema.org, www.nema.org

BSR C81.62-202X, Electric Lampholders (revision of ANSI C81.62-2019)

NEMA (ASC C81) (National Electrical Manufacturers Association)

1300 North 17th Street, Suite 900, Rosslyn, VA 22209 | Michael.Erbesfeld@nema.org, www.nema.org

BSR C81.63-202X, Gauges for Electric Lamp Bases and Lampholders (revision of ANSI C81.63-2019)

NSF (NSF International)

789 N. Dixboro Road, Ann Arbor, MI 48105 | mmilla@nsf.org, www.nsf.org

BSR/NSF 14-202x (i141r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14 -2023)

PGMA (Portable Generator Manufacturers Association)

1300 Sumner Avenue, Cleveland, OH | hdarrah@thomasamc.com, www.pgmaonline.com

BSR/PGMA G300-202X, Safety and Performance of Portable Generators (revision of ANSI/PGMA G300-2023)

RESNA (Rehabilitation Engineering and Assistive Technology Society of North America)

2001 K Street, NW, 3rd Floor North, Washington, DC 20006 | technicalstandards@resna.org, www.resna.org

BSR/RESNA WC-1-202x, RESNA Standard for Wheelchairs - Volume 1: Requirements and Test Methods for Wheelchairs (including Scooters) (identical national adoption of We are not adopting anything new from ISO; we are revising an ANS and revision of ANSI/RESNA WC-1-2019)

TIA (Telecommunications Industry Association)

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

BSR/TIA 5048-2017 (R202x), Automated Infrastructure Management (AIM) Systems Requirements, Data Exchange and Applications (reaffirm a national adoption ANSI/TIA 5048-2017 and ANSI/TIA 5048-1-2021)

ULSE (UL Standards & Engagement)

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

BSR/UL 391-202x, Standard for Solid-Fuel and Combination-Fuel Central and Supplementary Furnaces (revision of ANSI/UL 391-2006 (R2019))

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)

PHTA (Pool and Hot Tub Alliance)

PRCA (Professional Ropes Course Association)

RESNET (Residential Energy Services Network, Inc.)

SAE (SAE International)

TCNA (Tile Council of North America)

TIA (Telecommunications Industry Association)

TMA (The Monitoring Association)

ULSE (UL Standards & Engagement)

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

ANSI-Accredited Standards Developers (ASD) Contacts

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

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ACCA
Air Conditioning Contractors of America
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ACP
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1299 Pennsylvania Ave. NW, Suite 1300
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AGMA
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1001 N. Fairfax Street, Suite 500
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APCO
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ASA (ASC S2)
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CTA
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ECIA
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ESTA
Entertainment Services and Technology Association
271 Cadman Plaza, P.O. Box 23200
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1300 Sumner Avenue
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GBI
Green Building Initiative
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Portland, 97280
www.thegbi.org

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HL7
Health Level Seven
455 E. Eisenhower Parkway, Suite 300 #025
Ann Arbor, MI 48108
www.hl7.org

Lynn Laakso
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IAPMO
International Association of Plumbing & Mechanical Officials
4755 East Philadelphia Street
Ontario, CA 91761
www.iapmo.org

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

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

Suzanne Merten
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IES
Illuminating Engineering Society
85 Broad Street, 17th Floor
New York, NY 10004
www.ies.org

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ISA (Organization)
International Society of Automation
3252 S. Miami Blvd, Suite 102
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NECA
National Electrical Contractors Association
1201 Pennsylvania Avenue, Suite 1200
Washington, DC 20004
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NEMA (ASC C81)
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PGMA
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RESNA
Rehabilitation Engineering and Assistive Technology Society of North America
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Marcia Kawate
Marcia.M.Kawate@ul.org

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 3632-1, Spices - Saffron (Crocus sativus L.) - Part 1: Specification - 10/31/2024, $53.00

Air quality (TC 146)

ISO/DIS 22262-2, Air quality - Bulk materials - Part 2: Quantitative determination of asbestos by gravimetric and microscopical methods - 11/1/2024, $119.00

Aircraft and space vehicles (TC 20)

ISO/DIS 17540, Space systems - Liquid rocket engines and test stands - Terms and definitions - 11/2/2024, $102.00

Applications of statistical methods (TC 69)

ISO/DIS 5725-2, Accuracy (trueness and precision) of measurement methods and results - Part 2: Basic method for the determination of repeatability and reproducibility of a standard measurement method - 10/31/2024, $134.00

ISO/DIS 22514-2, Statistical methods in process management - Capability and performance - Part 2: Process capability and performance of time-dependent process models - 11/2/2024, $82.00

Biotechnology (TC 276)

ISO/DIS 20309, Biotechnology - Biobanking - Requirements for deep-sea biological materials - 11/7/2024, $58.00

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

ISO/DIS 18985, Recycled aggregates for concrete - 10/31/2024, $71.00

Glass in building (TC 160)

ISO/DIS 20589, Glass in building - Determination of the emissivity - 11/4/2024, $71.00

Healthcare organization management (TC 304)

ISO/DIS 18706, Healthcare organization management - Pandemic response (respiratory) - Functions and quality evaluation of test booth for specimen collection - 11/3/2024, $71.00

Industrial fans (TC 117)

ISO/DIS 21684, Fans - Laboratory methods of testing air circulating fans - 11/4/2024, $93.00

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

ISO 19905-1:2023/DAmd 1, - Amendment 1: Oil and gas industries including lower carbon energy - Site-specific assessment of mobile offshore units - Part 1: Jack-ups: elevated at a site - Amendment 1 - 11/1/2024, $46.00

Mechanical vibration and shock (TC 108)

ISO/DIS 13381-1, Condition monitoring and diagnostics of machines - Prognostics - Part 1: General guidelines - 11/2/2024, $82.00

Nuclear energy (TC 85)

ISO/DIS 19581, Measurement of radioactivity - Gamma emitting radionuclides - Rapid screening method using scintillation detector gamma-ray spectrometry - 11/2/2024, $82.00

ISO/DIS 20041-2, Tritium and carbon-14 activity in gaseous effluents and gas discharges of nuclear installations - Part 2: Determination of tritium and carbon-14 activities sampled by bubbling technique - 11/2/2024, $112.00

Paints and varnishes (TC 35)

ISO/DIS 11126-1, Preparation of steel substrates before application of paints and related products - Specifications for non-metallic blast-cleaning abrasives - Part 1: General introduction and classification - 11/2/2024, $40.00

Plastics (TC 61)

ISO/DIS 13094, Composites and reinforcement fibres - Carbon fibre reinforced plastics (CFRPs) and metal assemblies - Combined stress test - 10/31/2024, $58.00

Pulleys and belts (including veebelts) (TC 41)

ISO/DIS 1813, Belt drives - V-ribbed belts, joined V-belts and V-belts including wide section belts and hexagonal belts - Electrical conductivity of antistatic belts: Characteristics and methods of test - 10/31/2024, $58.00

Road vehicles (TC 22)

ISO/DIS 18418-1, Gasoline engines - High pressure liquid fuel supply connections - Part 1: 60° concave cone connectors - 10/31/2024, $33.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 20059, Information technology - Methodologies to evaluate the resistance of biometric recognition systems to morphing attacks - 10/31/2024, $62.00

ISO/IEC DIS 15944-8, Information technology - Business operational view - Part 8: Identification of privacy protection requirements as external constraints on business transactions - 11/3/2024, $175.00

Other

ISO/IEC DIS 17007, Conformity assessment - Guidance for drafting normative documents suitable for use for conformity assessment - 11/7/2024, $71.00

IEC Standards

All-or-nothing electrical relays (TC 94)

94/1064(F)/FDIS, IEC 63522-21 ED1: Electrical relays - Tests and Measurements - Part 21: Thermal Endurance, 09/13/2024

94/1065(F)/FDIS, IEC 63522-29 ED1: Electrical relays - Tests and Measurements - Part 29: Capacitance, 09/13/2024

94/1067(F)/FDIS, IEC 63522-56 ED1: Electrical relays - Tests and Measurements - Part 56: Ball Pressure Test, 09/20/2024

94/1068(F)/FDIS, IEC 63522-9 ED1: Electrical relays - Tests and Measurements - Part 9: Climatic tests, 09/20/2024

Electric road vehicles and electric industrial trucks (TC 69)

69/972/CDV, IEC 63119-1 ED2: Information exchange for electric vehicle charging roaming service - Part 1: General, 11/08/2024

Electric traction equipment (TC 9)

9/3135/CD, IEC TS 63498 ED1: Railway applications - System energy efficiency, 10/11/2024

Electrical apparatus for explosive atmospheres (TC 31)

31J/373/CD, IEC 60079-13 ED3: Explosive atmospheres - Part 13: Equipment protection by pressurized room "p" and artificially ventilated room "v", 10/11/2024

Electrical equipment in medical practice (TC 62)

62C/923/CD, IEC 63321 ED1: Medical electrical equipment - Functional performance characteristics for X-ray-based image-guided radiotherapy equipment, 10/11/2024

62/520/CD, IEC 63450 ED1: Testing of Artificial Intelligence / Machine Learning-enabled Medical Devices, 11/08/2024

Electrical installations of buildings (TC 64)

64/2692A/CD, IEC 60364-6 ED3: Low voltage electrical installations - Part 6: Verification, 12/06/2024

Electromagnetic compatibility (TC 77)

77B/892/FDIS, IEC 61000-4-41 ED1: Electromagnetic compatibility (EMC) - Part 4-41: Testing and measurement techniques - Broadband radiated immunity tests, 09/27/2024

Environmental conditions, classification and methods of test (TC 104)

104/1066(F)/FDIS, IEC 60721-2-2 ED3: Classification of environmental conditions - Part 2-2: Environmental conditions appearing in nature - Precipitation and wind, 08/30/2024

Fibre optics (TC 86)

86A/2484/CDV, IEC 60794-1-119 ED1: Optical fibre cables - Part 1-119: Generic specification - Basic optical cable test procedures - Aeolian Vibration, Method E19, 11/08/2024

86B/4948/CD, IEC 61300-2-50 ED2: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-50: Tests - Fibre optic connector proof test with static load, 10/11/2024

Lamps and related equipment (TC 34)

34/1216A/CD, IEC 62386-225 ED1: Digital addressable lighting interface - Part 225: Particular requirements for control gear - Adaptive escape lighting (device type 24), 09/27/2024

Measuring equipment for electromagnetic quantities (TC 85)

85/936/NP, PNW 85-936 ED1: 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 12-2: Functional test procedure for PMD and EPMF, 11/08/2024

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

113/854/CD, IEC TS 62607-10-1 ED1: Nanomanufacturing - Key control characteristics - Part 10-1: Nanoelectronic products - Impedance: scanning microwave microscopy, 11/08/2024

113/855/CD, IEC TS 62607-10-2 ED1: Nanomanufacturing - Key control characteristics - Part 10-2: Nanoelectronic products - Resistance: conductive probe atomic force microscopy, 11/08/2024

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

49/1461/CDV, IEC 60122-2 ED3: Quartz crystal units of assessed quality - Part 2: Guidelines for the use, 11/08/2024

Power electronics (TC 22)

22F/785/CD, IEC TR 63604 ED1: Performance of power electronics transformer for flexible transmission and distribution systems, 10/11/2024

Power system control and associated communications (TC 57)

57/2718/DTR, IEC TR 61850-90-21 ED1: Communication networks and systems for power utility automation - Part 90-21: Travelling wave fault location, 09/13/2024

Quantities and units, and their letter symbols (TC 25)

25/804/CDV, ISO 80000-10/AMD1 ED2: Amendment 1 - Quantities and units - Part 10: Atomic and nuclear physics, 11/08/2024

25/805/CDV, ISO 80000-11/AMD1 ED2: Amendment 1 - Quantities and units - Part 11: Characteristic numbers, 11/08/2024

25/806/CDV, ISO 80000-12/AMD1 ED2: Amendment 1 - Quantities and units - Part 12: Condensed matter physics, 11/08/2024

25/798/CDV, ISO 80000-3/AMD1 ED2: Amendment 1 - Quantities and units - Part 3: Space and time, 11/08/2024

25/799/CDV, ISO 80000-4/AMD1 ED2: Amendment 1 - Quantities and units - Part 4: Mechanics, 11/08/2024

25/800/CDV, ISO 80000-5/AMD1 ED2: Amendment 1 - Quantities and units - Part 5: Thermodynamics, 11/08/2024

25/801/CDV, ISO 80000-7/AMD1 ED2: Amendment 1 - Quantities and units - Part 7: Light and radiation, 11/08/2024

25/802/CDV, ISO 80000-8/AMD1 ED2: Amendment 1 - Quantities and units - Part 8: Acoustics, 11/08/2024

25/803/CDV, ISO 80000-9/AMD1 ED2: Amendment 1 - Quantities and units - Part 9: Physical chemistry and molecular physics, 11/08/2024

Rotating machinery (TC 2)

2/2204(F)/CDV, IEC 60034-1 ED15: Rotating electrical machines - Part 1: Rating and performance, 11/01/2024

Safety of Electronic Equipment within the Field of Audio/Video, Information Technology and Communication Technology (TC 108)

108/828/CDV, IEC 63315 ED1: Audio/Video, Information and Communication Technology Equipment - Safety - DC power transfer between ICT equipment ports using ICT wiring and cables at ≤ 60 V DC, 11/08/2024

Safety of household and similar electrical appliances (TC 61)

61/7289/FDIS, IEC 60335-2-15 ED7: Household and similar electrical appliances - Safety - Part 2-15: Particular requirements for appliances for heating liquids, 09/27/2024

Safety of measuring, control, and laboratory equipment (TC 66)

66/822/CD, IEC 61010-2-011 ED3: Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-011: Particular requirements for refrigerating equipment, 10/11/2024

66/823/CD, IEC 61010-2-012 ED3: Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-012: Particular requirements for climatic and environmental testing and other temperature conditioning equipment, 10/11/2024

Semiconductor devices (TC 47)

47E/837/CDV, IEC 60747-2 ED4: Semiconductor devices - Part 2: Discrete devices - Rectifier diodes, 11/08/2024

47E/838/CDV, IEC 60747-6 ED4: Semiconductor devices - Part 6: Discrete devices - Thyristors, 11/08/2024

47F/475/CDV, IEC 62047-50 ED1: Semiconductor devices - Micro-electromechanical devices - Part 50: MEMS capacitive microphone, 11/08/2024

47/2865/CD, IEC 63581-1 ED1: Semiconductor devices - The recognition criteria of defects in polished indium phosphide wafers - Part 1: Classification of defects, 10/11/2024

Solar photovoltaic energy systems (TC 82)

82/2295/CD, Photovoltaic power generating systems connection with the grid - Testing of power conversion equipment- Part 1: General requirements, 10/11/2024

82/2296/CD, Photovoltaic power generating systems connection with the grid - Testing for power conversion equipment - Part 5: Electromagnetic compatibility for low frequency conducted disturbances, 10/11/2024

Solar thermal electric plants (TC 117)

117/209/NP, PNW 117-209 ED1: Solar thermal electric plants - Biphenyl/ Diphenyl oxide-based heat transfer fluids for use in line-focus concentrated solar power applications, 09/13/2024

Surface mounting technology (TC 91)

91/1976/CD, IEC 61249-2-54 ED1: Materials for printed boards and other interconnecting structures - Part 2-54: Reinforced base materials clad and unclad - Halogenated modified or unmodified resin system, woven E-glass laminate sheets of defined dissipation factor (less than 0,005 at 10 GHz) and flammability (vertical burning test), copper-clad for high speed applications, 11/08/2024

Switchgear and Controlgear and Their Assemblies for Low Voltage (TC 121)

121A/612/CDV, IEC 60947-5-5 ED2: Low-voltage switchgear and controlgear - Part 5-5: Control circuit devices and switching elements - Electrical emergency stop device with mechanical latching function, 11/08/2024

(CISPR)

CIS/F/859/CD, CISPR 14-1/FRAG1 ED8: Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission, 11/08/2024

CIS/F/860/CD, CISPR 14-1/FRAG2 ED8: Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission, 11/08/2024

CIS/F/861/CD, CISPR 14-1/FRAG3 ED8: Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission, 11/08/2024

CIS/F/862/CD, CISPR 14-1/FRAG4 ED8: Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission, 11/08/2024

CIS/F/863/CD, CISPR 14-1/FRAG5 ED8: Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission, 11/08/2024

CIS/F/864/CD, CISPR 14-2/AMD1 ED3: Amendment 1 - Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 2: Immunity - Product family standard, 11/08/2024

CIS/H/509/DTR, CISPR TR 31 ED3: Description of the radio services database, 10/11/2024

(TC 129)

129/36/CD, IEC 63439-2-1 ED1: Robotics for electricity generation, transmission and distribution systems - Part 2-1: General Technical Requirements for UAS for Overhead Power Lines Inspection, 11/08/2024

ISO/IEC JTC 1, Information Technology

(JTC1)

JTC1-SC41/453/FDIS, ISO/IEC 30184 ED1: Internet of Things (IoT) - Autonomous IoT object identification in a connected home - Requirements and framework, 10/11/2024

JTC1-SC41/438/CDV, ISO/IEC 30186 ED1: Digital twin - Maturity model and guidance for a maturity assessment, 11/08/2024

JTC1-SC25/3279/DTR, ISO/IEC TR 11801-9906 ED2: Information technology - Generic cabling for customer premises - Part 9906: Balanced single-pair cabling channels up to 600 MHz for single-pair Ethernet (SPE), 10/11/2024

Newly Published ISO & IEC Standards

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

ISO Standards

Agricultural food products (TC 34)

ISO 22174:2024, Microbiology of the food chain - Polymerase chain reaction (PCR) for the detection and quantification of microorganisms - General requirements and definitions, $166.00

Clean cookstoves and clean cooking solutions (TC 285)

ISO/PAS 16617:2024, Clean cookstoves and clean cooking solutions - Guidance for evaluation, $81.00

Cranes (TC 96)

ISO 9374-1:2024, Cranes - Information to be provided - Part 1: General, $54.00

Cryogenic vessels (TC 220)

ISO 21012:2024, Cryogenic vessels - Hoses, $166.00

Elevating Work Platforms (TC 214)

ISO 16368:2024, Mobile elevating work platforms - Design, calculations, safety requirements and test methods, $278.00

Fine ceramics (TC 206)

ISO 22459:2024, Fine ceramics (advanced ceramics, advanced technical ceramics) - Reinforcement of ceramic composites - Determination of distribution of tensile strength and tensile strain to failure of filaments within a multifilament tow at ambient temperature, $124.00

Implants for surgery (TC 150)

ISO 23500-1:2024, Preparation and quality management of fluids for haemodialysis and related therapies - Part 1: General requirements, $278.00

Industrial automation systems and integration (TC 184)

ISO 14306-1:2024, Industrial automation systems and integration - JT file format specification for 3D visualization - Part 1: Overview and fundamental principles, $54.00

ISO 14306-2:2024, Industrial automation systems and integration - JT file format specification for 3D visualization - Part 2: Vocabulary, $54.00

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

ISO 6338-2:2024, Calculations of greenhouse gas (GHG) emissions throughout the liquefied natural gas (LNG) chain - Part 2: Natural gas production and transport to LNG plant, $81.00

Medical devices for injections (TC 84)

ISO 10555-8:2024, Intravascular catheters - Sterile and single-use catheters - Part 8: Catheters for extracorporeal blood treatment, $81.00

Other

ISO 2419:2024, Leather - Physical and mechanical tests - Specimen and test piece conditioning, $54.00

Packaging (TC 122)

ISO 21898:2024, Packaging - Flexible intermediate bulk containers (FIBCs) for non-dangerous goods, $194.00

Paints and varnishes (TC 35)

ISO 17895:2024, Paints and varnishes - Determination of volatile organic compound (VOC) - Gas-chromatographic method with headspace injection for VOC determination, $124.00

Personal safety - Protective clothing and equipment (TC 94)

ISO 23616:2024, Cleaning, inspection and repair of firefighters personal protective equipment (PPE), $223.00

ISO 11999-6:2024, PPE for firefighters - Test methods and requirements for PPE used by firefighters who are at risk of exposure to high levels of heat and/or flame while fighting fires occurring in structures - Part 6: Footwear, $166.00

Petroleum products and lubricants (TC 28)

ISO 13032:2024, Petroleum and related products - Determination of low concentration of sulfur in automotive fuels - Energy-dispersive X-ray fluorescence spectrometric method, $124.00

Project committee: Asset management (TC 251)

ISO 55011:2024, Asset management - Guidance for the development of public policy to enable asset management, $223.00

Road vehicles (TC 22)

ISO 13948-2:2024, Diesel engines - Fuel injection pumps and fuel injector low-pressure connections - Part 2: Non-threaded (push-on) connections, $81.00

Rubber and rubber products (TC 45)

ISO 21561-2:2024, Styrene-butadiene rubber (SBR) - Determination of the microstructure of solution-polymerized SBR - Part 2: Fourier transform infrared spectrometry (FTIR) with attenuated total reflection (ATR) method, $124.00

Sieves, sieving and other sizing methods (TC 24)

ISO 19430:2024, Determination of particle size distribution and number concentration by particle tracking analysis (PTA), $223.00

Soil quality (TC 190)

ISO 23611-5:2024, Soil quality - Sampling of soil invertebrates - Part 5: Sampling and extraction of soil macro-invertebrates, $124.00

Tyres, rims and valves (TC 31)

ISO 10571:2024, Tyres for mobile cranes and similar specialized machines, $81.00

Welding and allied processes (TC 44)

ISO 9455-18:2024, Soft soldering fluxes - Test methods - Part 18: Cleanliness of soldered printed circuit assemblies before and/or after cleaning, $81.00

ISO Technical Reports

Fine Bubble Technology (TC 281)

ISO/TR 23016-5:2024, Fine bubble technology - Agricultural applications - Part 5: Practical data collection to promote the germination of typical vegetable seeds using ultrafine bubbles, $166.00

Industrial fans (TC 117)

ISO/TR 16219:2024, Fans - System effects and system effect factors, $250.00

ISO Technical Specifications

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

ISO/TS 16774-1:2024, Test methods for repair materials for water-leakage cracks in underground concrete structures - Part 1: Test method for thermal stability, $124.00

ISO/TS 16774-5:2024, Test methods for repair materials for water-leakage cracks in underground concrete structures - Part 5: Test method for watertightness, $124.00

ISO/TS 16774-6:2024, Test methods for repair materials for water-leakage cracks in underground concrete structures - Part 6: Test method for response to the substrate movement, $124.00

Nanotechnologies (TC 229)

ISO/TS 19590:2024, Nanotechnologies - Characterization of nano-objects using single particle inductively coupled plasma mass spectrometry, $194.00

ISO/TS 23878:2024, Nanotechnologies - Positron annihilation lifetime measurement for nanopore evaluation in materials, $166.00

Security (TC 292)

ISO/TS 22360:2024, Security and resilience - Crisis management - Concepts, principles and framework, $166.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 18004:2024, Information technology - Automatic identification and data capture techniques - QR code bar code symbology specification, $278.00

ISO/IEC 21122-3:2024, Information technology - JPEG XS low-latency lightweight image coding system - Part 3: Transport and container formats, $223.00

ISO/IEC 23264-2:2024, Information security - Redaction of authentic data - Part 2: Redactable signature schemes based on asymmetric mechanisms, $250.00

IEC Standards

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

IEC 63241-2-4 Ed. 1.0 en:2024, Electric motor-operated tools - Dust measurement procedure - Part 2-4: Particular requirements for hand-held sanders, $52.00

Switchgear and controlgear (TC 17)

IEC 62271-100 Amd.1 Ed. 3.0 b:2024, Amendment 1 - High-voltage switchgear and controlgear - Part 100: Alternating-current circuit-breakers, $193.00

IEC 62271-100 Ed. 3.1 en:2024, High-voltage switchgear and controlgear - Part 100: Alternating-current circuit-breakers, $773.00

IEC Technical Reports

Surface mounting technology (TC 91)

IEC/TR 60068-3-82 Ed. 1.0 en:2024, Environmental testing - Part 3-82: Supporting documentation and guidance - Confirmation of the performance of whisker test method, $386.00

Accreditation Announcements (U.S. TAGs to ISO)

Public Review of Application for Accreditation of a U.S. TAG to ISO

PC 348, Sustainable raw materials

Comment Deadline: September 23, 2024

The American National Standards Institute has submitted an Application for Accreditation for a new proposed U.S. Technical Advisory Group (TAG) to ISO PC 348, Sustainable raw materials, and a request for approval as TAG Administrator. The proposed TAG intends to operate using the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities as contained in Annex A of the ANSI International Procedures.

To obtain a copy of the TAG application or to offer comments, please contact: Jason Knopes, Sr. Manager, ISO Outreach and Enhanced, Services, American National Standards Institute: 1180 Avenue of the Americas, 10th Floor, New York, NY 10036, P: (212) 642-4886 E: jknopes@ansi.org. Please submit any comments to American National Standards Institute by September 23, 2024 (please copy jthompso@ANSI.org)

International Organization for Standardization (ISO)

Call for comment on ISO/IEC Guide 59:2019

Comment Deadline: October 18, 2024

ISO has initiated a systematic review of ISO/IEC Guide 59:2019 – "ISO and IEC recommended practices for standardization by national bodies", which has the following scope statement:

This document provides recommended standardization practices that are intended to support the application of the following:
- the WTO TBT Committee decision on principles for the development of international standards, guides and recommendations (G/TBT/9, 13 November 2000);
- the WTO TBT Agreement's Code of Good Practice for the Preparation, Adoption and Application of Standards (Annex 3 of the 1995 WTO TBT Agreement).
This document is intended to be used by the national members of ISO and IEC, hereafter referred to as national bodies.

ANSI, is seeking U.S. Stakeholders' input on ISO/IEC Guide 59:2019 to help ANSI determine if ANSI should vote revise, reconfirm as is, or withdraw the standard. Anyone wishing to review ISO/IEC Guide 59:2019 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 18, 2024.**

Call for comment on ISO/IEC Guide 63:2019

Comment Deadline: October 18, 2024

ISO has initiated a systematic review of ISO/IEC Guide 63:2019 – "Guide to the development and inclusion of aspects of safety in International Standards for medical devices", which has the following scope statement:

This document provides requirements and recommendations to writers of medical device standards on the inclusion of aspects related to safety in International Standards, based on well-established risk management concepts and methodology.
This document is applicable to any aspect related to the safety of people, property, the environment, or a combination of these.
In this document, the term "product" includes a medical device or a system consisting of one or more medical devices, possibly combined with non-medical devices.

ANSI, is seeking U.S. Stakeholders' input on ISO/IEC Guide 63:2019 to help ANSI determine if ANSI should vote revise, reconfirm as is, or withdraw the standard. Anyone wishing to review ISO/IEC Guide 63:2019 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 18, 2024.**

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 102 – Iron ore and direct reduced iron

Response Deadline: August 23, 2024

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 102 – *Iron ore and direct reduced iron*, or any of the active Subcommittees, and therefore ANSI is not a member of these committees. The Secretariats for the committees are held by:
ISO/TC 102 – *Iron ore and direct reduced iron*: Japan (JISC)
ISO/TC 102/SC 1 – *Sampling*: Japan (JISC)
ISO/TC 102/SC 2 – *Chemical analysis*: Australia (SA)
ISO/TC 102/SC 3 – *Physical testing*: Brazil (ABNT)

ISO/TC 102 operates under the following scope:

Standardization in the field of iron ores and direct reduced iron, including terminology and methods of sampling, preparation of samples, moisture determination, size determination, chemical analysis and physical testing.

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

Call for U.S. TAG Administrator

ISO/TC 166 – Ceramic ware, glassware and glass ceramic ware in contact with food

Response Deadline: August 23, 2024

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 166 – *Ceramic ware, glassware and glass ceramic ware in contact with food* and therefore ANSI is not a member of this committee. The Secretariat for the committee is held by France (AFNOR).

ISO/TC 166 operates under the following scope:

Standardization in the field of colouring materials, i.e. pigments, extenders and dyestuffs, including terminology, product specifications and test methods.

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

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 186 – Cutlery and table and decorative metal hollow-ware

Response Deadline: August 23, 2024

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 186 – *Cutlery and table and decorative metal hollow-ware* and therefore ANSI is not a member of this committee. The Secretariat for the committee is held by China (SAC).

ISO/TC 186 operates under the following scope:

Standardization in the field of cutlery, flat-ware and table and decorative metal hollow-ware.

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

Call for U.S. TAG Administrator

ISO/TC 206 – Fine ceramics

Response Deadline: August 23, 2024

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 206 – *Fine ceramics* and therefore ANSI is not a member of this committee. The Secretariat for the committee is held by Japan (JISC).

ISO/TC 206 operates under the following scope:

Standardization in the field of fine ceramics materials and products in all forms: powders, monoliths, coatings and composites, intended for specific functional applications including mechanical, thermal, chemical, electrical, magnetic, optical and combinations thereof. The term "fine ceramics" is defined as "a highly engineered, high performance, predominantly non-metallic, inorganic material having specific functional attributes." Note: Alternative terms for fine ceramics are advanced ceramics, engineered ceramics, technical ceramics, or high performance ceramics.

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).

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

RadiusXR
Public Review: July 22 to October 22, 2024

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

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

Proposed Foreign Government Regulations

Call for Comment

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

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

Proposed Revisions to ANSI/ACCA 12 QH - 2018 *Home Evaluation and Performance Improvement*

[Additions are shown as red underlined text and deletions are shown as ~~strike-out~~.]

Air Conditioning Contractors of America (ACCA)
1520 Belle View Blvd #5220
Alexandria, VA 22307

1.0 PURPOSE
This standard establishes the minimum criteria by which deficiencies in residential buildings are identified by audit, improvement opportunities are assessed, scopes of work are finalized, work is performed in accordance with industry recognized procedures, and improvement objectives are met.

2.0 SCOPE
This standard applies to site-constructed or manufactured, one-and two-family dwellings, townhouses, and individual residential units in multifamily buildings.

(NOTE: The above purpose and scope are unchanged and is shown for information only.)

3.0 COMPREHENSIVE PERFORMANCE AUDIT

The comprehensive performance audit shall collect data about the residence in the form of measurements, tests, and observations. This section defines the areas of the residence that shall be evaluated and the information that shall be collected.

3.4 VENTILATION

3.4.1 Requirements: The Auditor shall determine and record the minimum ventilation requirement for the occupants of the building. The mechanical ventilation airflow shall be measured. The Auditor shall verify that exhaust fans and clothes dryers vent to outdoors.

3.4.2 Acceptable Procedures:

3.4.2.1 The Auditor shall follow ASHRAE 62.2-~~2016~~ 2022, or methodology adopted by AHJ to perform building ventilation calculations and use them in determining the ventilation requirement.

3.4.2.2 Mechanical ventilation airflow shall be measured and recorded in accordance with §5.2.2 of ACCA 5 QI Standard.

3.4.2.3 Recorded confirmation that identified exhaust fans vent to the outdoors.

RATIONALE: The 3.4.2.1 requirement specifying ASHRAE 62.2, *Ventilation and Acceptable Indoor Air Quality in Residential Buildings*, has been updated to reflect the 2022 edition.

6.0 IMPLEMENTING IDENTIFIED PERFORMANCE IMPROVEMENTS

The Project Manager shall ensure that the building performance improvement(s) selected by the client is performed in accordance with the requirements in this standard and all relevant codes. The Project Manager overseeing the implementation of the building performance improvements shall not make any exclusions or variations from the prescribed work scope that result in the home operating improperly or increasing the risk of flue gas spillage, back-drafting, carbon monoxide production, or moisture problems within the home.

6.1 SAFETY

6.1.1 CO, spillage, and drafting issues are to be addressed by implementing repairs and/or installing the appliance in compliance with local codes and the appliance manufacturer's installation instructions.

6.1.2 Combustion air for fuel burning appliances shall be per §9.3 of the 2015 National Fuel Gas Code, §304 of the 2015 International Fuel Gas Code or manufacturer's installation instructions for gas-fired appliances, or the OEM instructions or §G2407 of the 2015 International Residential Code for appliances other than gas-fired appliances.

6.1.3 CO detectors shall be installed in accordance with OEM instructions and 2015 International Residential Code §R315.

6.1.4 When measures are performed that improve the envelope tightness, the Auditor shall recommend to the homeowner that Radon tests be conducted upon completion of the selected building improvements.

6.1.5 Flammable refrigerants classified as A2L and A3 shall be evaluated for safety in accordance with ASHRAE 15, ASHRAE 15.2, as applicable, and the manufacturer's installation instructions as certified per UL Standard 60335-2-40 and 60335-1.

RATIONALE: The added text is to address the safety issues identified with the recent introduction of "mildly flammable" A2L refrigerants for HVAC equipment installed in residential applications, in addition to flammable refrigerants classified as A3 (e.g., R-290).

6.3 VENTILATION

6.3.1 Design the system to comply with ASHRAE 62.2 ~~2016~~ 2022 and the IECC ~~2015~~ 2024.

6.3.2 The system designer shall install ventilation systems in accordance with OEM instructions; the codes adopted by the AHJ, and accepted industry practices.

6.3.3 Mechanical ventilation airflow shall be measured in accordance with §5.2.2 of ACCA 5 QI Standard…

6.3.4 Attic ventilation shall not be installed without first verifying the presence of an effective air barrier and thermal barrier between the attic and the living space. Refer to local codes for minimum requirements for insulation and ventilation.

RATIONALE: The 6.3.1 requirement specifying ASHRAE 62.2, *Ventilation and Acceptable Indoor Air Quality in Residential Buildings*, has been updated to reflect the 2022 edition. In addition, the reference to the IECC 2015 has been updated to reflect the 2024 edition.

6.5 HVAC

6.5.1 New HVAC systems shall be installed in accordance with the ACCA 5 QI Standard (*HVAC Quality Installation Specification*).

6.5.1.1 In addition, HVAC systems utilizing flammable refrigerants classified as A2L and A3 shall be installed in accordance with ASHRAE 15, ASHRAE 15.2, as applicable, and the manufacturer's installation instructions as certified per UL Standard 60335-2-40 and 60335-1

RATIONALE: The added text is to address the safety issues identified with the recent introduction of "mildly flammable" A2L refrigerants for HVAC equipment installed in residential applications, in addition to flammable refrigerants classified as A3 (e.g., R-290).

BSR/ASHRAE/ACCA Addendum a
to ANSI/ASHRAE/ACCA Standard 211-2018 (RA 2023)

Public Review Draft

Proposed Addendum a to Standard 211-2018 (RA 2023), Standard for Commercial Building Energy Audits

First Public Review (August 2024)
(Draft Shows Proposed Changes to Current Standard)

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

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; 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

Industry uses ASHRAE energy audits as a basis for decarbonization. This change to the Title, Purpose, and Scope will allow SSPC 211 to provide the needed guidance to industry for definitions and level of rigor for decarbonization assessments in addition to energy audits. It was approved by ASHRAE in June at the Annual Conference and is now being released for public review.

Note: In this addendum, changes to the current standard are indicated in the text by underlining (for additions) and ~~strikethrough~~ (for deletions) unless the instructions specifically mention some other means of indicating the changes. Only these changes 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 substantive changes.

Addendum a

Modify the Title, Purpose, Scope as follows:

Title:
Standard for Commercial Building Energy Audits and Decarbonization Assessments

Purpose:
The purpose of this standard is to establish consistent practices for conducting and reporting energy audits and decarbonization assessments for commercial buildings.

This standard:

a) defines the procedures required to perform ~~Energy Audit Levels 1, 2, and 3~~ all levels of energy audits and decarbonization assessments,
b) provides a common scope of work for these ~~audit~~ levels for use by building owners and others,
c) establishes consistent methodology and minimum rigor of analysis required, and
d) establishes minimum reporting requirements for the results of energy audits and decarbonization assessments

Scope:
2.1 This standard applies to all buildings except single-family houses, multifamily structures of three stories or fewer above grade, manufactured houses (mobile homes), and manufactured houses (modular).

2.2 Decarbonization assessments covered by this standard address Scope 1 and Scope 2 greenhouse gas emissions and exclude Scope 3 greenhouse gas emissions.

BSR/ASHRAE/ASHE Addendum I
to ANSI/ASHRAE/ASHE Standard 189.3-2021

Public Review Draft

Proposed Addendum I to Standard 189.3-2021, Design, Construction, and Operation of Sustainable High-Performance Health Care Facilities

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

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

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

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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 addendum updates the lighting power densities with special consideration for healthcare areas. Table 7.4.6.1 B and C are updated to reflect these changes along with updated foot notes for the user to follow the table. The values in the tables are provided by Mazzetti. Mazzetti's Lighting Design Studio undertook a comprehensive analysis aimed at developing a proactive strategy for realistic yet ambitious lighting power densities (LPDs) for ASHRAE Standard 189.3. The study encompassed ten distinct healthcare facilities, ranging from medical office buildings to acute care centers, children's hospitals, cancer centers and birthing centers, situated across California, Hawaii, Tennessee, Georgia, and Oregon. Projects varied in size from 20,000 square feet to several hundred thousand square feet, representing recent projects. By averaging LPDs across these facilities, the studio conducted comparisons against prevailing energy codes such as Title24, IECC, ASHRAE 90.1, and 189.1. This rigorous evaluation yielded detailed insights into current industry standards and the results informed the LPD values listed in this addendum.

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

Addendum l to Standard 189.3-2021

Insert New Tables to Section 7.4.6.1. Note that Table 7.4.6.1A does not exist in Standard 189.3. Table 7.4.6.1B is recreated here with specifics from 189.1 and tailored to 189.3 specifications for healthcare spaces for consistency across the standards.

7.4.6.1 Lighting Power Allowance. The interior lighting power allowances shall be as determined in accordance with Standard 189.1 Section 7.4.6.1. Tables 7.4.6.1B and 7.4.6.1C shall be used in compliance with lighting power allowances in appropriate health care facilities where not listed in Standard 189.1.

Table 7.4.6.1B Lighting Power Density (LPD) Allowances, Room Cavity Ratio (RCR) Thresholds, and Additional Lighting Power Allowances for Common Space Types Using the Space-by-Space Method

Informative Note: **This table covers common space types typically found in multiple building types. Table 7.4.6.1C covers building specific space types typically found in a single building type.**

					Additional Lighting Power	
Common Space Types [a]	**LPD, W/ft²**	**LPD, W/m²**	**RCR Threshold**	**Qualified Lighting System[b]**	**Additional Allowance (W/ft²)**	**Additional Allowance (W/m²)**
Health Care Facility						
Hospital Corridor (Patient/Public) [c,d]	0.55	5.9	width <8 ft (2.4 m)	Decorative/display	0.25	2.7
Hospital Corridor (Staff/Back of House)	0.37	4.0	8	—	—	—
Residential Health Care and Support Facilities Corridor (Resident/Public) [c,d]	0.55	5.9	width <8 ft (2.4 m)	Decorative/display	0.25	2.7
Residential Health Care and Support Facilities Corridor (Staff/Back of House)[c]	0.37	4.0	8	—	—	—
Exam/treatment room	1.10	11.8	8	—	—	—
Imaging room	0.60	6.5	6	Decorative/display	0.20	2.3
Infusion/procedural room [c]	0.90	9.7	8	—	—	—
Lounge [c]	0.44	4.7	6	Decorative/display	0.25	2.7
Medical supply room	0.54	5.8	6	—	—	—
Medication prep room	0.54	5.8	6	—	—	—

a. In cases where a *space* type appears in both Table 7.4.6.1B and Table 7.4.6.1C, the building-specific *space* type in Table 7.4.6.1C shall apply.
b. See Section 7.4.6.1.1 of Standard 189.1 for criteria of qualified lighting systems.
c. For *facilities for the visually impaired* an additional *lighting power allowance* <=0.30 W/ft² (5.4 W/m²) is permitted for this space type.
d. In corridors, the extra lighting power density allowance is permitted when the width of the corridor is less than 8ft (2.4 m) and is not based on the RCR, see Section 7.4.6.1(c).

Table 7.4.6.1C Lighting Power Density (LPD) Allowances, ~~and~~ Room Cavity Ratio (RCR) Thresholds, and Additional Lighting Power Allowances for Common Space Types Using the Space-by-Space Method

Informative Note: This table covers common space types typically found in a single building type. Table 7.4.6.1B covers common space types typically found in multiple building types.

					Additional Lighting Power	
Building-Specific Space Types [a]	**LPD, W/ft²**	**LPD, W/m²**	**RCR Threshold**	**Qualified Lighting System[b]**	**Additional Allowance (W/ft²)**	**Additional Allowance (W/m²)**
Nursery	0.80	8.6	6	—	—	—
Nurse's station	0.75	8.1	6	Specialized task	0.30	3.2
Operating room	1.87	20.1	6	—	—	—
Patient room – critical care	0.90	9.7	6	Decorative/display	0.25	2.7
Patient room – general[c]	0.60	6.5	6	Decorative/display	0.25	2.7
Patient room – restroom[c]	0.57	6.1	8	—	—	—
Physical therapy room	0.75	8.1	6	Decorative/display	0.25	2.7
Recovery room	0.89	9.6	6	Specialized task	0.30	3.2
Resident room [c]	0.60	6.5	6	Decorative/display/specialized task	0.30	2.7
Resident room – restroom[c]	0.60	6.1	8	—	—	—
Telemedicine [d]	0.83	8.9	8	Videoconferencing	0.50	5.4

a. In cases where a *space* type appears in both Table 7.4.6.1B and Table 7.4.6.1C, the building-specific *space* type in Table 7.4.6.1C shall apply.
b. See Section 7.4.6.1.1 for criteria of qualified lighting systems.
c. For *facilities for the visually impaired* an additional *lighting power allowance* <=0.30 W/ft² (5.4 W/m²) is permitted for this space type.
d. To use additional *lighting power allowance*, space must be a *videoconferencing space* and have controls described in 7.4.6.1.1(f) of Standard 189.1.

[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 —

Plastics Piping System Components and Related Materials

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9 Quality assurance

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9.10 Product-specific quality assurance requirements

Tables 9.2 through 9.40 provide product-specific quality assurance requirements.

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Table 9.18
Corrosive waste drainage systems (fitting)

Test	Frequency
dimensions	
out-of-roundness	24 h
outside diameter	24 h
wall thickness	~~24 h~~ weekly
socket bottom average diameter and out-of-roundness [a]	24 h
socket depth [a,b]	24 h
socket entrance average diameter and out-of-roundness [a]	24 h
spigot ends of fittings average diameter and out-of-roundness	(see Footnote c)
spigot ends of fittings minimum wall thickness	weekly
thread gauge	24 h
thread length [b]	24 h
impact resistance	24 h
water adsorption	annually
chemical resistance	annually
hydrostatic pressure test	annually
mechanical joint pull-out test	annually
product standard(s)	ASTM F1412, ASTM F1673, ASTM F2618, CSA B181.3

Table 9.18
Corrosive waste drainage systems (fitting)

Test	Frequency
[a] Plug gauges are permitted, provided that the mold has been qualified by complete dimensioning and performance of appropriate testing on all mold cavities to verify compliance with the referenced standard. [b] Socket depth and thread length are only required to be verified at the time a new tool is "qualified" or when new or repaired cores are made. [c] Ring gauges are permitted, provided that the mold has been qualified by complete dimensioning and performance of appropriate testing on all products from all cavities to verify.	

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Rationale:

Changes wall thickness testing frequency from 24 hours to weekly to harmonize with wall thickness testing frequency in similar fitting frequency tables (e.g., Table 9.7 ABS fitting test frequency, Table 9.10 CPVC fittings test frequency, and Table 9.14 PVC fittings and bell ends test frequency).

BSR/UL 60079-31, Standard for Safety for Explosive Atmospheres – Part 31: Equipment Dust Ignition Protection by Enclosure "t"

1. Revisions to Table 1 of Clause 4.2 to remove "tc" from the column for Group IIIC.

PROPOSAL

4.2 Equipment groups and ingress protection

The relationship between the level of protection, the group, and ingress protection required is shown in Table 1.

Table 1DV DR Modification of Table 1 to replace it with the following:

Table 1DV
Level of Protection, equipment group and ingress protection (IP) relationship

Level of Protection	Group IIIC	Group IIIB	Group IIIA
"ta"	IP6X	IP6X	IP6X
"tb"	IP6X	IP6X	IP5X
"tc"	~~IP6X~~ [a]	IP5X	IP5X

Ingress protection shall be determined in accordance with degree of protection (IP) of enclosures as specified in ~~IEC 60079-0~~ UL 60079-0 for level of protection "tb" and "tc". For Level of Protection "ta" the level of depression shall be increased to at least 4 KPa for a period of least 8 h. Any grease in the joints shall be removed before the IP test is performed.

When IP5X is required, all enclosures including rotating machines, shall satisfy the test and acceptance requirements of IP5X, as specified in IEC 60529.

[a] In accordance with NEC ®, Level of Protection "tc" is not permitted for Group IIIC equipment.

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

Date of Proposal: August 23, 2024
Ballots & Comments Due: September 23, 2024

SUMMARY OF TOPICS

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

1. Editorial Updates in UL 391

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

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

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

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

1. Editorial Updates in UL 391

RATIONALE

Proposal submitted by: Laura Werner, ULSE

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

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

[Note from Project Manager: Editorial updates were accepted during ballot. Wording provided below shows only the changes as a result of ballot comments.]

PROPOSAL

INTRODUCTION

1 Scope

1.3 The furnaces are intended for connection to chimneys for residential and building heating appliances in compliance with the Standard for Chimneys, Fireplaces, Vents, and Solid Fuel Burning Appliances, NFPA 211, and intended for installation in compliance with the Standard for Installation of Warm Air Heating and Air Conditioning Systems, NFPA 90B; and the National Electrical Code, ANSI/NFPA 70; and applicable mechanical codes such as the ~~BOCA National Mechanical Code~~ International Mechanical Code, the Standard Mechanical Code, and the Uniform Mechanical Code.

4 Referenced Publications

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

4.2 The following publications are referenced in this Standard:

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

ASTM D396, Standard for Specification for Fuel Oils

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

~~BOCA National Mechanical Code~~ International Mechanical Code

National Electrical Code

NFPA 70

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

NFPA 90B, 2-1.3

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

Standard Mechanical Code

UL 1004-3, Standard for Thermally Protected Motors

UL 2111, Standard for Overheating Protection for Motors

UL 353, Standard for Limit Controls

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

UL 969, Standard for Marking and Labeling Systems

Uniform Mechanical Code

BSR/UL 574, Standard for Safety for Electric Oil Heaters

1. Updates to align with UL style manual

PROPOSAL

2 General

2.1 Components

2.1.1 ~~Except as indicated in 2.1.2, a component of a product covered by this standard shall comply with the requirements for that component. See Appendix A for a list of standards covering components used in the products covered by this standard.~~ A component of a product covered by this Standard shall:

a) Comply with the requirements for that component as specified in this Standard;

b) Be used in accordance with its rating(s) established for the intended conditions of use; and

c) Be used within its established use limitations or conditions of acceptability.

2.1.2 A component is not required to comply with a specific requirement that:

a) Involves a feature or characteristic not required in the application of the component in the product covered by this standard~~, or~~;

b) Is superseded by a requirement in this standard~~.~~; or

c) Is separately evaluated when forming part of another component, provided the component is used within its established ratings and limitations.

2.1.3 ~~A component shall be used in accordance with its rating established for the intended conditions of use.~~

2.1.5 A component that is also intended to perform other functions such as overcurrent protection, ground-fault circuit-interruption, surge suppression, any other similar functions, or any combination thereof, shall comply additionally with the requirements of the applicable standard(s) that cover devices that provide those functions.

2.3 ~~Undated references~~ Referenced publications

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

2.3.2 The following publications are referenced in this Standard:

ANSI B36.10M, *Welded and Seamless Wrought Steel Pipe*

ANSI/ASME B1.20.1, *Standard for Pipe Threads, General Purpose*

ASTM D396, *Specifications for Fuel Oils*

ASTM D471, *Test Method for Rubber Property – Effects of Liquid*

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

NFPA 70, *National Electrical Code*

UL 157, *Gaskets and Seals*

UL 486A-486B, *Wire Connectors*

UL 873, *Electrical Temperature-Indicating and -Regulating Equipment*

UL 60730-1, *Automatic Electrical Controls for Household and Similar Use, Part 1: General Requirements*

~~**Appendix A**~~

~~**Standards for Components**~~

~~Standards under which components of the products covered by this standard are evaluated include the following:~~

~~Title of Standard – UL Standard Designation~~

~~Controllers, Programmable – Part 2: Equipment Requirements and Tests – UL 61131-2~~
~~Controls for Household and Similar Use, Part 1: General Requirements, Automatic Electrical – UL 60730-1 and/or the applicable Part 2 standard from the UL 60730 series~~
~~Flexible Cords and Cables – UL 62~~
~~Fuseholders – Part 1: General Requirements – UL 4248-1~~
~~Fuseholders – Part 4: Class CC – UL 4248-4~~
~~Fuseholders – Part 5: Class G – UL 4248-5~~
~~Fuseholders – Part 6: Class H – UL 4248-6~~
~~Fuseholders – Part 8: Class J – UL 4248-8~~
~~Fuseholders – Part 9: Class K – UL 4248-9~~
~~Fuseholders – Part 11: Type C (Edison Base) and Type S Plug Fuse – UL 4248-11~~
~~Fuseholders – Part 12: Class R – UL 4248-12~~
~~Fuseholders – Part 15: Class T – UL 4248-15~~
~~Industrial Control Equipment – UL 508~~
~~Insulating Tape, Polyvinyl Chloride, Polyethylene, and Rubber – UL 510~~
~~Switchgear and Controlgear, Low-Voltage – Part 1: General Rules – UL 60947-1~~
~~Switchgear and Controlgear, Low-Voltage – Part 4-1: Contactors and Motor-Starters – Electromechanical Contactors and Motor-Starters – UL 60947-4-1A~~
~~Switchgear and Controlgear, Low-Voltage – Part 5-2: Control Circuit Devices and Switching Elements – Proximity Switches – UL 60947-5-2~~
~~Temperature-Indicating and -Regulating Equipment – UL 873[1)]~~
~~Thermal-Links – Requirements and Application Guide – UL 60691~~
~~Thermoplastic-Insulated Wires and Cables – UL 83~~
~~Wire Connectors – UL 486A-486B~~

~~1) Note: Compliance with the UL 60730-1, and/or the applicable Part 2 standard from the UL 60730 series fulfills these requirements.~~