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Project Initiation Notification System (PINS)

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

Following is a list of proposed actions and new ANS that have been received recently from ASDs. Please also review the section in Standards Action entitled "American National Standards Maintained Under Continuous Maintenance" for additional or comparable information with regard to standards maintained under the continuous maintenance option. Use the following Public Document Library url to access PDF & EXCEL reports of approved & proposed ANS: [List of Approved and Proposed ANS](#)

Directly and materially affected interests wishing to receive more information or to submit comments are requested to contact the standards developer directly within 30 days of the publication of this announcement.

ACI (American Concrete Institute)

38800 Country Club Drive | Farmington Hills, MI 48331 www.concrete.org
Contact: Shannon Banchemo; shannon.banchemo@concrete.org

New Standard

BSR/ACI CODE-349-202x, Requirements for Nuclear Safety-Related Concrete Structures - Code and Commentary (new standard)

Stakeholders: Structural engineers, licensed design professionals.

Project Need: This standard covers the design and construction of concrete structures that form part of a nuclear facility and that have nuclear safety-related functions.

Scope: This standard covers the design and construction of concrete structures that form part of a nuclear facility and that have nuclear safety-related functions, but does not cover (i) concrete reactor vessels and concrete containment structures, as defined by Joint ACI-ASME Committee 359, or (ii) steel-plate composite walls and steel-plate composite slabs, as defined by AISC-N690 Technical Committee 12. The structures covered by the Code include concrete structures inside and outside the containment system.

ACI (American Concrete Institute)

38800 Country Club Drive | Farmington Hills, MI 48331 www.concrete.org
Contact: Shannon Banchemo; shannon.banchemo@concrete.org

New Standard

BSR/ACI CODE-440-202x, Building Requirements for Structural Concrete Reinforced with Glass Fiber-Reinforced Polymer (GFRP) Bars - Code and Commentary (new standard)

Stakeholders: Structural engineers, contractors, licensed design professionals.

Project Need: The purpose of this Code is to provide for public health and safety by establishing minimum requirements for strength, stability, serviceability, durability, and integrity of GFRP-reinforced concrete structures.

Scope: This Code includes provisions for the design of nonprestressed glass fiber-reinforced polymer (GFRP)-reinforced concrete used for structural purposes. This Code does not cover any applications of concrete prestressed with GFRP. This Code does not cover any applications of steel reinforcement of concrete. The design of structural concrete reinforced with steel is governed by ACI 318.

ACI (American Concrete Institute)

38800 Country Club Drive | Farmington Hills, MI 48331 www.concrete.org

Contact: Shannon Banchemo; shannon.banchemo@concrete.org

New Standard

BSR/ACI CODE-355.4-202x, Qualification of Post-Installed Adhesive Anchors in Concrete and Commentary - Code (new standard)

Stakeholders: Structural engineers, contractors, licensed design professionals.

Project Need: This standard prescribes testing programs and evaluation requirements for post-installed adhesive anchors intended for use in concrete under the design provisions of ACI 318.

Scope: This standard prescribes testing programs and evaluation requirements for post-installed adhesive anchors intended for use in concrete under the design provisions of ACI 318. Testing and assessment criteria are provided for various conditions of use, including seismic loading; sustained loading; aggressive environments; reduced and elevated temperatures; and for determining whether anchors are acceptable for use in uncracked concrete only, or acceptable for service both in cracked and uncracked concrete. Criteria are provided for establishing the characteristic bond strength, reductions for adverse conditions, and the anchor category and associated job-site quality control requirements.

ACI (American Concrete Institute)

38800 Country Club Drive | Farmington Hills, MI 48331 www.concrete.org

Contact: Shannon Banchemo; shannon.banchemo@concrete.org

New Standard

BSR/ACI CODE-437.2-202x, Load Testing of Concrete Structures - Code Requirements and Commentary (new standard)

Stakeholders: Structural engineers, contractors, licensed design professionals.

Project Need: This code provides requirements for test-load magnitudes, test protocols, and acceptance criteria for conducting a load test as a means of evaluating the safety and serviceability of concrete structural members and systems of structures.

Scope: This code provides requirements for test load magnitudes, test protocols, and acceptance criteria for conducting a load test as a means of evaluating the safety and serviceability of concrete structural members and systems of structures. A load test may be conducted as part of a structural evaluation to determine whether a structure requires repair and rehabilitation, or to verify the adequacy of repair and rehabilitation measures.

ANS (American Nuclear Society)

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

Contact: Kathryn Murdoch; kmurdoch@ans.org

Revision

BSR/ANS 2.26-202x, Categorization of Nuclear Facility Structures, Systems, and Components For Seismic Design (revision of ANSI/ANS 2.26-2004 (R2021))

Stakeholders: National and international owners of nuclear facilities including high-risk and critical facilities, regulators, government organizations, and their contractors, designers and support analysis subcontractors.

Project Need: Revision is needed to ensure consistency with revisions to the interfacing standards referenced in Appendices A and C and to ensure the standard reflects current concepts and methodologies, and lessons learned over the past 15 years (i.e., to ensure standard is current with evolving standard of practice regarding toxicological consequences with a nuclear nexus). The scope of ANS 2.26 overlaps with a portion of ANS 58.16, with revision of ANS 2.26 allowing removal of the overlap from ANS 58.16. In addition, the standard should encompass the complete spectrum of nuclear facilities including commercial nuclear reactors which were not considered in ANS 2.26-2004. This standard should be revised to extend its scope to domestic nuclear facilities.

Scope: This standard provides: (a) criteria for selecting the seismic design category (SDC) for nuclear facility structures, systems, and components (SSCs) to achieve seismic safety and (b) criteria and guidelines for selecting Limit States for these SSCs to govern their seismic design. The Limit States are selected to ensure the desired safety performance in an earthquake. The criteria will be developed following the risk-informed and performance-based principles.

ANS (American Nuclear Society)

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

Contact: Kathryn Murdoch; kmurdoch@ans.org

Revision

BSR/ANS 8.22-202x, Nuclear Criticality Safety Based on Limiting and Controlling Moderators (revision of ANSI/ANS 8.22-1997 (R2021))

Stakeholders: Government and commercial facilities that process, store, transport, and handle significant amounts of fissile material outside reactors (DOE, NNSA, NRC, Contractors to DOE and NRC).

Project Need: A revision is needed to reduce duplication and ensure terminology consistency with other ANS standards on nuclear criticality safety, update moderator control requirements, and update references. The standards recommendations and requirements will be reviewed against other ANS-8 standard to ensure needed updates are included.

Scope: This standard provides criteria for limiting and controlling moderators in operations with fissile materials. This standard applies to those operations that depend on moderator control for maintaining subcritical conditions. This standard does not apply to concentration control of fissile materials.

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

Contact: Ambria Frazier; Ambria.frazier@x9.org

New Standard

BSR X9.148-202x, QR Code Protection using Cryptographic Solutions (new standard)

Stakeholders: Merchants, financial institutions, regulatory organizations, service providers, hardware and software manufacturers, auditors and assessors.

Project Need: Develop a new standard for QR Codes management and security for use within the financial services industry. Untrusted QR Cords are vulnerable to modification, duplication, and masquerading, whereas a trusted QR Code protected using cryptographic solutions would be protected against modification, duplication, and masquerading by unauthorized service providers. Trusted QR Codes would be an identity-theft and transaction-fraud deterrent.

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

ASME (American Society of Mechanical Engineers)

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

Contact: Maria Acevedo; ansibox@asme.org

Revision

BSR/ASME MFC-8-202x, Fluid Flow in Closed Conduits: Connections for Pressure Signal Transmissions between Primary and Secondary Devices (revision and redesignation of ANSI/ASME MFC-8M-2001 (R2016))

Stakeholders: Designers, producers, manufacturers, constructors, owners, operators, consultants, users, general interest, laboratories, regulatory/government, testing services, distributors.

Project Need: This document is being revised to address industry's need for updated guidance regarding impulse lines (the connection piping between flowmeters and secondary devices), response measurements, and transmitter technology. Content on the improved collection of quantitative data for various applications will also be considered.

Scope: This Standard describes the practices and means which allow the pressures at a head-type primary device to be conveyed to the secondary device in a flow measurement system without introducing unnecessary measurement uncertainties.

ASME (American Society of Mechanical Engineers)

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

Contact: Maria Acevedo; ansibox@asme.org

Revision

BSR/ASME MFC-18M-202x, Measurement of Fluid Flow Using Variable Area Meters (revision and redesignation of ANSI/ASME MFC-18M-2001 (R2016))

Stakeholders: Designers, producers, manufacturers, constructors, owners, operators, consultants, users, general interest, laboratories, regulatory/government, testing services, distributors.

Project Need: This document is being revised to provide clarity and general updates pertaining to variable-area flowmeters for the benefit of industry.

Scope: This Standard describes the common variable-area flowmeter. The variable-area meter is manufactured in a variety of designs. This Standard addresses only those meters based on a vertical tapered tube of round or a modified round cross-section.

BIFMA (Business and Institutional Furniture Manufacturers Association)

678 Front Avenue NW | Grand Rapids, MI 49504 www.bifma.org

Contact: David Panning; dpanning@bifma.org

Reaffirmation

BSR/BIFMA X5.1-2017 (R202x), General-Purpose Office Chairs (reaffirmation of ANSI/BIFMA X5.1-2017)

Stakeholders: Furniture manufacturers, suppliers, testing laboratories, users, specifiers, and government agencies.

Project Need: This standard is intended to provide manufacturers, specifiers, and users with a common basis for evaluating the safety, durability, and structural adequacy of general-purpose office chairs.

Scope: This standard is intended to provide manufacturers, specifiers, and users with a common basis for evaluating the safety, durability, and structural adequacy of general-purpose office chairs.

BIFMA (Business and Institutional Furniture Manufacturers Association)

678 Front Avenue NW | Grand Rapids, MI 49504 www.bifma.org

Contact: David Panning; dpanning@bifma.org

New Standard

BSR/BIFMA X9.2-202X, Privacy Pods (new standard)

Stakeholders: Furniture manufacturers, suppliers, testing laboratories, users, specifiers, and government agencies.

Project Need: This standard is intended to provide manufacturers, specifiers, and users with a common basis for evaluating the safety, durability, performance, and structural adequacy of Privacy Pods.

Scope: This standard is intended to provide manufacturers, specifiers, and users with a common basis for evaluating the safety, durability, performance, and structural adequacy of Privacy Pods. Privacy Pods are freestanding fully enclosed occupiable space-dividing products normally used in indoor environments for privacy, conferencing, and other purposes. Furniture products used within Privacy Pod enclosures are covered by other existing BIFMA standards. The requirements and/or tests in this standard are intended to assess the performance of new products only. They are not intended to assess a product that has been in use. The standard considers Privacy Pods that are fully assembled or assembled on site.

CEMA (Conveyor Equipment Manufacturers Association)1250 Tamiami Trail N, Suite 211 | Naples, FL 34102 www.cemanet.orgContact: Naylu Garces; naylu@cemanet.org**Revision**

BSR/CEMA Standard No. 102-202x, Conveyor Terms and Definitions (revision and redesignation of ANSI/CEMA 102-2012)

Stakeholders: Manufacturers, users, specifiers of conveyors, conveyor systems, and allied equipment.

Project Need: Throughout the document, an effort has been made to define a conveyor or related equipment by what it is rather than what it does. Many technical and engineering terms commonly used in the conveyor industry have been included with the recognition that these same terms may be used extensively by other groups.

Scope: Lists and defines more than 1,500 terms applying to conveyors, conveyor systems, and allied equipment.

Includes more than 100 illustrations. This document includes nomenclature and definition which has been adopted by conveyor manufacturers in many countries of the world.

CSA (CSA America Standards Inc.)8501 East Pleasant Valley Road | Cleveland, OH 44131-5575 www.csagroup.orgContact: Debbie Chesnik; ansi.contact@csagroup.org**Revision**

BSR/CSA HGV 2-202x, Compressed hydrogen gas vehicle fuel containers (revision of ANSI/CSA HGV 2-2021)

Stakeholders: Industry, manufacturers, consumers, certification agencies.

Project Need: To update the current standard based on industry developments and additional test requirements.

Scope: This Standard contains requirements for the material, design, manufacture, marking, and testing of serially produced, refillable Type HGV2 containers intended only for the storage of compressed hydrogen gas for on-road vehicle operation.

EOS/ESD (ESD Association, Inc.)218 W. Court Street | Rome, NY 13440 www.esda.orgContact: Jennifer Kirk; jkirk@esda.org**New Standard**

BSR/EOS ESD SP17.2-202x, Process Assessment of Electrical Disturbances (new standard)

Stakeholders: Electronics Industry including telecom, consumer, medical, and industrial.

Project Need: The purpose of this document is to describe a set of methodologies, techniques, and tools that can be used to characterize a process where electronic items are handled. The goal is to characterize the ability of a process to safely handle electronic devices that might see any stress outside specification during powered/unpowered handling or testing.

Scope: This document applies to activities that manufacture, process, assemble, install, package, label, service, test, inspect, transport, or otherwise handle electrical or electronic parts, assemblies, and equipment susceptible to damage by stress outside specification. This document does not apply to electrically initiated explosive devices, flammable liquids, or powders.

ISA (International Society of Automation)

67 Alexander Drive | Research Triangle Park, NC 27709 www.isa.org

Contact: Charley Robinson; crobinson@isa.org

New Standard

BSR/ISA 18.1-202x, Annunciator Sequences and Specifications (new standard)

Stakeholders: Users of automation equipment and systems in the process industries, including chemical, petroleum, pharmaceutical, and power generation.

Project Need: To increase the monitoring and safety of industrial operations and processes.

Scope: To establish uniform annunciator terminology, sequence designations, and sequence presentation and to assist in the preparation of annunciator specifications and documentation.

ISA (International Society of Automation)

67 Alexander Drive | Research Triangle Park, NC 27709 www.isa.org

Contact: Charley Robinson; crobinson@isa.org

Revision

BSR/ISA 18.2-202x, Management of Alarm Systems for the Process Industries (revision of ANSI/ISA 18.2-2016)

Stakeholders: Users of automation equipment and systems in the process industries, including chemical, petroleum, pharmaceutical, and power generation.

Project Need: Improve the monitoring and safety of industrial operations and processing.

Scope: Address the development, design, installation, and management of alarm systems for use in the process industries. Alarm system management includes multiple work processes throughout the alarm system lifecycle.

NEMA (ASC C29) (National Electrical Manufacturers Association)

13 North 17th Street, Suite 900 | Rosslyn, VA 22209 www.nema.org

Contact: Paul Orr; pau_orr@nema.org

Reaffirmation

BSR/NEMA C29.3-2015 (R202x), Wet Process Porcelain Insulators - Spool Type (reaffirmation of ANSI/NEMA C29.3-2015)

Stakeholders: Utilities, manufacturers of insulators.

Project Need: Routine 5-year review.

Scope: This standard covers spool-type insulators made of wet-process porcelain and used in the transmission and distribution of electric energy.

NEMA (ASC C29) (National Electrical Manufacturers Association)

13 North 17th Street, Suite 900 | Rosslyn, VA 22209 www.nema.org

Contact: Paul Orr; pau_orr@nema.org

Revision

BSR/NEMA C29.4-202x, Wet Process Porcelain Insulators - Strain Type (revision of ANSI/NEMA C29.4-2015)

Stakeholders: Utilities, manufacturers of insulators.

Project Need: Routine 5-year review of standard.

Scope: This standard covers strain-type insulators made of wet-process porcelain and used in the transmission and distribution of electric energy.

NEMA (ASC C29) (National Electrical Manufacturers Association)

13 North 17th Street, Suite 900 | Rosslyn, VA 22209 www.nema.org

Contact: Paul Orr; pau_orr@nema.org

Revision

BSR/NEMA C29.5-202x, Wet-Process Porcelain Insulators - Low- and Medium-Voltage Types (revision of ANSI/NEMA C29.5-2015)

Stakeholders: Electric utilities, manufacturers of insulators.

Project Need: Routine 5-year maintenance review.

Scope: This standard covers low- and medium-voltage-type insulators made of wet-process porcelain and used in the transmission and distribution of electric energy.

NEMA (ASC C29) (National Electrical Manufacturers Association)

13 North 17th Street, Suite 900 | Rosslyn, VA 22209 www.nema.org

Contact: Paul Orr; pau_orr@nema.org

Revision

BSR/NEMA C29.6-202x, Wet-Process Porcelain Insulators - High-Voltage Pin-Type (revision of ANSI/NEMA C29.6-2015)

Stakeholders: Electric utilities, manufacturers of insulators.

Project Need: Routine 5-year review.

Scope: This standard covers high-voltage pin-type insulators made of wet-process porcelain and used in the transmission and distribution of electrical energy.

NEMA (ASC C29) (National Electrical Manufacturers Association)

13 North 17th Street, Suite 900 | Rosslyn, VA 22209 www.nema.org

Contact: Paul Orr; pau_orr@nema.org

Revision

BSR/NEMA C29.7-202x, Wet-Process Porcelain Insulators - High-Voltage Line Post-Type (revision of ANSI/NEMA C29.7-2015)

Stakeholders: Utilities, manufacturers of insulators.

Project Need: Routine 5-year review.

Scope: This standard covers high-voltage line post-type insulators made of wet-process porcelain and used in the transmission and distribution of electrical energy.

PCI (Precast/Prestressed Concrete Institute)

200 West Adams Street, Suite 2100 | Chicago, IL 60606-5230 www.pci.org

Contact: Edith Smith; esmith@pci.org

New Standard

BSR/PCI 150-202x, Specification for the Design of Precast Concrete Insulated Wall Panels (new standard)

Stakeholders: Industry, engineers, designers, academia.

Project Need: New standard. Mandatory language for the design of precast concrete insulated walls does not exist.

Currently guidance for the design of precast-concrete-insulated wall panels is provided by PCI State-of-the-Art Precast Concrete Sandwich Panels and the PCI Design Handbook - Precast and Prestressed concrete, 3rd Edition, 1985 (Precast Concrete Sandwich Panels), and proprietary design guidance by wythe connector manufacturers.

Scope: This purpose of this standard is to establish minimum requirements for the design of precast concrete insulated wall panels used as structural walls resisting axial and lateral loads. The standard covers the design of fully composite, partially composite, and noncomposite precast concrete insulated panels and includes detailing requirements for reinforcement and wythe connectors.

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: January 23, 2022

NSF (NSF International)

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

Revision

BSR/NSF 14-202x (i124r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2020)

This Standard establishes minimum physical, performance, and health effects requirements for plastics piping system components and related materials. These criteria were established for the protection of public health and the environment.

[Click here to view these changes in full](#)

Send comments (copy psa@ansi.org) to: Jason Snider; jsnider@nsf.org

RESNET (Residential Energy Services Network, Inc.)

4867 Patina Court, Oceanside, CA 92057 | rick.dixon@resnet.us, www.resnet.us.com

Revision

BSR/RESNET/ICC 380-202x, Standard for Testing Airtightness of Building, Dwelling Unit, and Sleeping Unit Enclosures; Airtightness of Heating and Cooling Air Distribution Systems; and Airflow of Mechanical Ventilation Systems (revision of ANSI/RESNET/ICC 380-2019)

This project is the triennial update to Standard ANSI/RESNET/ICC 380-2019. The standard establishes procedures for testing the airtightness of dwelling enclosures, airtightness of space heating and cooling air distribution systems, and the airflow of mechanical ventilation systems. Its primary use is in evaluating the energy performance of homes.

[Click here to view these changes in full](#)

Send comments (copy psa@ansi.org) to: RESNET using the online comment form which is accessed by following the "STANDARDS AND AMENDMENTS CURRENTLY OUT FOR PUBLIC COMMENT" link on webpage: <https://www.resnet.us/about/standards/resnet-ansi/>

Comment Deadline: January 23, 2022

UL (Underwriters Laboratories)

47173 Benicia Street, Fremont, CA 94538 | Derrick.L.Martin@ul.org, <https://ul.org/>

Revision

BSR/UL 231-202x, Standard for Safety for Power Outlets (revision of ANSI/UL 231-2021)

This proposal covers the inclusion of requirements for Metallic Mounting Posts and Pedestals in Section 7.1 of UL 231.

[Click here to view these changes in full](#)

Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: <https://csds.ul.com/Home/ProposalsDefault.aspx>

Comment Deadline: February 7, 2022

AGA (ASC Z380) (American Gas Association)

400 North Capitol Street, NW, Suite 450, Washington, DC 20001 | btansey@aga.org, www.aga.org

Addenda

BSR GPTC Z380.1-2018 TR 2012-26-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Review existing GM and recommend any necessary changes in light of ADB-2012-03 as well as Driscopipe 7000. Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

Order from: Betsy Tansey; btansey@aga.org

Send comments (copy psa@ansi.org) to: GPTC@aga.org

AGA (ASC Z380) (American Gas Association)

400 North Capitol Street, NW, Suite 450, Washington, DC 20001 | btansey@aga.org, www.aga.org

Addenda

BSR GPTC Z380.1-2018 TR 2014-24-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Flow reversal impact and engineering reviews.

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

Order from: Betsy Tansey; btansey@aga.org

Send comments (copy psa@ansi.org) to: GPTC@aga.org

Comment Deadline: February 7, 2022

AGA (ASC Z380) (American Gas Association)

400 North Capitol Street, NW, Suite 450, Washington, DC 20001 | btansey@aga.org, www.aga.org

Addenda

BSR GPTC Z380.1-2018 TR 2014-28-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Review existing GM 5.4 Procedure - Inside leak or odor complaint, (i), and develop GM to address determining if there is an immediate threat to life and property, and actions to take in that situation.

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

Order from: Betsy Tansey; btansey@aga.org

Send comments (copy psa@ansi.org) to: GPTC@aga.org

AGA (ASC Z380) (American Gas Association)

400 North Capitol Street, NW, Suite 450, Washington, DC 20001 | btansey@aga.org, www.aga.org

Addenda

BSR GPTC Z380.1-2018 TR 2014-29-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Review existing (m) under GM 5.4 Procedure - Inside leak or odor complaint and develop GM to minimize the likelihood that the service line will be punctured.

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

Order from: Betsy Tansey; btansey@aga.org

Send comments (copy psa@ansi.org) to: GPTC@aga.org

AGA (ASC Z380) (American Gas Association)

400 North Capitol Street, NW, Suite 450, Washington, DC 20001 | btansey@aga.org, www.aga.org

Addenda

BSR GPTC Z380.1-2018 TR 2015-02-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Correctly referencing standards.

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

Order from: Betsy Tansey; btansey@aga.org

Send comments (copy psa@ansi.org) to: GPTC@aga.org

Comment Deadline: February 7, 2022

AGA (ASC Z380) (American Gas Association)

400 North Capitol Street, NW, Suite 450, Washington, DC 20001 | btansey@aga.org, www.aga.org

Addenda

BSR GPTC Z380.1-2018 TR 2016-17-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Review GM 192.281 section 3.2 (g) to address NTSB report for Gas explosion and subsequent fire, New York City, New York concludes that plastic pipe fusion needs to be cleaned. This would be in accordance to ASTM F2620-12, Standard Practice for Heat Fusion Joining of Polyethylene Pipe and Fittings. Also, review 192.287 to incorporate GM recommendations for inspecting heat fusion of plastic pipe joints.

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

Order from: Betsy Tansey; btansey@aga.org

Send comments (copy psa@ansi.org) to: GPTC@aga.org

AGA (ASC Z380) (American Gas Association)

400 North Capitol Street, NW, Suite 450, Washington, DC 20001 | btansey@aga.org, www.aga.org

Addenda

BSR GPTC Z380.1-2018 TR 2017-03-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Review the usage of the term “barhole” in the GMAs, as it is used for two different activities, investigating a leak and in pinpointing/repair of a leak.

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

Order from: Betsy Tansey; btansey@aga.org

Send comments (copy psa@ansi.org) to: GPTC@aga.org

AGA (ASC Z380) (American Gas Association)

400 North Capitol Street, NW, Suite 450, Washington, DC 20001 | btansey@aga.org, www.aga.org

Addenda

BSR GPTC Z380.1-2018 TR 2017-05-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Sections 191, 192.614, 192.613, 192.179 - Review existing GM, and revise as appropriate, in light of ADB-2016-06.

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

Order from: Betsy Tansey; btansey@aga.org

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Comment Deadline: February 7, 2022

AGA (ASC Z380) (American Gas Association)

400 North Capitol Street, NW, Suite 450, Washington, DC 20001 | btansey@aga.org, www.aga.org

Addenda

BSR GPTC Z380.1-2018 TR 2017-12-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Review Amdt. 191-24 re Safety of Underground Natural Gas Storage and recommend revisions to GM as appropriate.

Single copy price: Free

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AGA (ASC Z380) (American Gas Association)

400 North Capitol Street, NW, Suite 450, Washington, DC 20001 | btansey@aga.org, www.aga.org

Addenda

BSR GPTC Z380.1-2018 TR 2017-15-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Review ADB-2017-01, Deactivation of Threats, and revise GM as appropriate

Single copy price: Free

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AGA (ASC Z380) (American Gas Association)

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Addenda

BSR GPTC Z380.1-2018 TR 2017-30-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

To add Guide Material (GM) and references regarding gathering pipelines to certain sections of GM.

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

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Comment Deadline: February 7, 2022

AGA (ASC Z380) (American Gas Association)

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Addenda

BSR GPTC Z380.1-2018 TR 2017-36-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Review references to shielding of cathodic protection current, and revise or develop new GM as necessary.

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

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AGA (ASC Z380) (American Gas Association)

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Addenda

BSR GPTC Z380.1-2018 TR 2018-13-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Correct the guidance material under 2.3(a)(3) and the Flow Chart under 3 for Type B gathering lines.

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

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AGA (ASC Z380) (American Gas Association)

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Addenda

BSR GPTC Z380.1-2018 TR 2018-16-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Review guide material under 192.917 to address NTSB report for Gas explosion and subsequent fire, New York City, New York, (PAR 15-01) which concludes that the damaged sewer presented a coincidental threat to the pipeline. These “coincident threats” result in the likelihood of failure greater than either threat individually.

Single copy price: Free

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Comment Deadline: February 7, 2022

AGA (ASC Z380) (American Gas Association)

400 North Capitol Street, NW, Suite 450, Washington, DC 20001 | btansey@aga.org, www.aga.org

Addenda

BSR GPTC Z380.1-2018 TR 2019-05-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Review new code sections for trenchless installation of plastic pipe and add guide material as appropriate.

Single copy price: Free

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AGA (ASC Z380) (American Gas Association)

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Addenda

BSR GPTC Z380.1-2018 TR 2019-12-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Review Cathodic Protection - Section 192.917.

Single copy price: Free

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AGA (ASC Z380) (American Gas Association)

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Addenda

BSR GPTC Z380.1-2018 TR 2019-21-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Review existing GM and address the duties, responsibilities, tasks, and expectations of an inspector for constructing mains under Section 192.305 and for constructing service lines under Section 192.361.

Single copy price: Free

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Addenda

BSR GPTC Z380.1-2018 TR 2019-25-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Review existing GM and revise as appropriate 192.613.

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

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AGA (ASC Z380) (American Gas Association)

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Addenda

BSR GPTC Z380.1-2018 TR 2019-27-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Review and revise as appropriate language related to education of first responders communicating with pipeline companies when the smell of gas is reported and/or detected.

Single copy price: Free

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AGA (ASC Z380) (American Gas Association)

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Addenda

BSR GPTC Z380.1-2018 TR 2019-28-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Section 192.319: Backfill Considerations - Add Guide Material (GM) regarding rubber-tired vs. metal-track vehicle.

Single copy price: Free

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AGA (ASC Z380) (American Gas Association)

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Addenda

BSR GPTC Z380.1-2018 TR 2019-38-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Review and develop GM as appropriate in light of Amendment 192-125.

Single copy price: Free

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AGA (ASC Z380) (American Gas Association)

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Addenda

BSR GPTC Z380.1-2018 TR 2019-47-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Section 192.493 - Review and develop GM as appropriate in light of Amendment 192-125.

Single copy price: Free

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AGA (ASC Z380) (American Gas Association)

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Addenda

BSR GPTC Z380.1-2018 TR 2019-48-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Section 192.506 - Review and develop GM as appropriate in light of Amendment 192-125.

Single copy price: Free

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AGA (ASC Z380) (American Gas Association)

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Addenda

BSR GPTC Z380.1-2018 TR 2019-49-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Section 192.517 - Spike hydrostatic test added.

Single copy price: Free

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AGA (ASC Z380) (American Gas Association)

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Addenda

BSR GPTC Z380.1-2018 TR 2019-51-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Review and develop GM as appropriate in light of Amendment 192-125.

Single copy price: Free

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AGA (ASC Z380) (American Gas Association)

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Addenda

BSR GPTC Z380.1-2018 TR 2019-57-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Section 192.805 - Review and develop GM as appropriate in light of Amendment 192-125.

Single copy price: Free

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AGA (ASC Z380) (American Gas Association)

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Addenda

BSR GPTC Z380.1-2018 TR 2019-58-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Section 192.909 - Review and develop GM as appropriate in light of Amendment 192-125.

Single copy price: Free

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AGA (ASC Z380) (American Gas Association)

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Addenda

BSR GPTC Z380.1-2018 TR 2019-61-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Section 192.933 - Review existing GM and revise as appropriate in light of Amendment 192-125.

Single copy price: Free

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AGA (ASC Z380) (American Gas Association)

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Addenda

BSR GPTC Z380.1-2018 TR 2019-62-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Section 192.935 - Review existing GM and revise as appropriate in light of Amendment 192-125.

Single copy price: Free

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Addenda

BSR GPTC Z380.1-2018 TR 2019-64-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Section 192.939 - Review and develop GM as appropriate in light of Amendment 192-125.

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AGA (ASC Z380) (American Gas Association)

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Addenda

BSR GPTC Z380.1-2018 TR 2019-66-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Appendix F to Part 192 - Review and develop GM as appropriate in light of Amendment 192-125.

Single copy price: Free

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AGA (ASC Z380) (American Gas Association)

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Addenda

BSR GPTC Z380.1-2018 TR 2020-01-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Clarify record retention requirements in light of IM requirements.

Single copy price: Free

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AGA (ASC Z380) (American Gas Association)

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Addenda

BSR GPTC Z380.1-2018 TR 2020-04-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

To describe various types of repairs for leaks, and reference newly created GM for transmission-line repairs.

Single copy price: Free

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Addenda

BSR GPTC Z380.1-2018 TR 2020-07-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Section 191.17 and 191.22 - Review Amendment 191-27 for change to guide material.

Single copy price: Free

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AGA (ASC Z380) (American Gas Association)

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Addenda

BSR GPTC Z380.1-2018 TR 2020-10-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Review existing GM 1.1 and add guidance for combination utilities to provide training on what to do when a customer reports an odor complaint.

Single copy price: Free

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AGA (ASC Z380) (American Gas Association)

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Addenda

BSR GPTC Z380.1-2018 TR 2020-12-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Section 192.627 - Add Guide Material based on lessons learned from the review of this State Incident Report.

Single copy price: Free

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Addenda

BSR GPTC Z380.1-2018 TR 2020-13-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Section 192.616 - Review existing GM and address stakeholder messages regarding the reporting of contacts with and damages to pipelines that do not result in a leak.

Single copy price: Free

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AGA (ASC Z380) (American Gas Association)

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Addenda

BSR GPTC Z380.1-2018 TR 2020-18-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Update Appendices G-9A, Section 3.4 with new Spike Testing Requirements (Amdt 192-125).

Single copy price: Free

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AGA (ASC Z380) (American Gas Association)

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Addenda

BSR GPTC Z380.1-2018 TR 2020-22-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Revising text - Change the word “diffraction” to “refraction.”

Single copy price: Free

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AGA (ASC Z380) (American Gas Association)

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Addenda

BSR GPTC Z380.1-2018 TR 2020-24-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Review and revise where necessary the references to threats in the GM and in table headings to match the leak causes on PHMSA Form 7100.1-1 dated October 11, 2018.

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

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AGA (ASC Z380) (American Gas Association)

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Addenda

BSR GPTC Z380.1-2018 TR 2021-03-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Section 192.505 - Review references are located in the correct section.

Single copy price: Free

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AGA (ASC Z380) (American Gas Association)

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Addenda

BSR GPTC Z380.1-2018 TR 2021-04-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

191.3, Appendix A to Part 191: Review existing GM to revise in light of PHMSA Amendment 191-29.

Single copy price: Free

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Addenda

BSR GPTC Z380.1-2018 TR 2021-12-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

Section 192.283, review and revise in light of Amdt 192-128.

Single copy price: Free

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Addenda

BSR GPTC Z380.1-2018 TR 2021-24-202x, Guide for Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI GPTC Z380.1-2018)

NTSB Recommendation P-21-14 - Develop guidance that identifies steps that gas distribution operators can take to ensure that their gas distribution integrity management program, at a minimum, appropriately considers.

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

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Comment Deadline: February 7, 2022

ASME (American Society of Mechanical Engineers)

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

Revision

BSR/ASME A17.1/CSA B44-202x, Safety Code for Elevators and Escalators, Package 3 (revision of ANSI/ASME A17.1/CSA B44-2019)

This standard covers safety requirements for elevators, escalators, dumbwaiters, moving walks, and material lifts.

Single copy price: Free

Obtain an electronic copy from: <https://cstools.asme.org/csconnect/PublicReviewPage.cfm>

Send comments (copy psa@ansi.org) to: Geraldine Burdeshaw; burdeshawg@asme.org

ASPE (American Society of Plumbing Engineers)

6400 Shafer Court, Suite 350, Rosemont, IL 60018 | gpianta@aspe.org, www.aspe.org

Revision

BSR/ARCSA/ASPE 78-202x, Stormwater Harvesting System Design for Direct End-Use Applications (revision of ANSI/ARCSA/ASPE 78-2015)

This standard was developed by a joint effort of the American Rainwater Catchment Systems Association (ARCSA) and the American Society of Plumbing Engineers (ASPE). The purpose of this Standard is to assist engineers, designers, plumbers, builders/developers, landscape and irrigation professionals, state and local government, and end users in implementing a stormwater harvesting system while protecting public health and safety. This Standard is intended to apply to new stormwater harvesting installations, as well as alterations, additions, maintenance, and repairs to existing installations. This Standard applies, for example, to the collection of stormwater from the transportation grid (vehicular parking, driving, or other similar surfaces), elevated parking structures, surface public right-of-ways, and storm drain systems.

Single copy price: Free

Obtain an electronic copy from: gpianta@aspe.org

Send comments (copy psa@ansi.org) to: Gretchen Pianta; gpianta@aspe.org

CRSI (Concrete Reinforcing Steel Institute)

933 N Plum Grove Road, Schaumburg, IL 60173 | atrygestad@crsi.org, www.crsi.org

Revision

BSR/CRSI IPG4.1-202x, Stainless Steel Reinforcing Bar Fabrication Facilities (revision of ANSI/CRSI IPG4.1-2016)

This Standard describes standard practice for fabrication quality processes for stainless-steel reinforcing bars.

Single copy price: Free

Obtain an electronic copy from: atrygestad@crsi.org

Send comments (copy psa@ansi.org) to: Amy Trygestad; atrygestad@crsi.org

Comment Deadline: February 7, 2022

CRSI (Concrete Reinforcing Steel Institute)

933 N Plum Grove Road, Schaumburg, IL 60173 | atrygestad@crsi.org, www.crsi.org

Revision

BSR/CRSI RB4.1-202x, Supports for Reinforcement Used in Concrete (revision of ANSI/CRSI RB4.1-2016)

This standard covers the design, use, material, and minimum performance requirements of reinforcement supports used in concrete to support various types of reinforcement, including but not limited to, plain and deformed reinforcing bars, prestressing steel, post-tensioning tendons, steel wire, and plain and deformed steel-welded wire reinforcement.

Single copy price: \$39.95 (Non-Members); Free (CRSI Members)

Obtain an electronic copy from: atrygestad@crsi.org

Send comments (copy psa@ansi.org) to: Amy Trygestad; atrygestad@crsi.org

HL7 (Health Level Seven)

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

New Standard

BSR/HL7 FHIR IG SHORTHAND, R2-202x, HL7® FHIR® Implementation Guide: FHIR Shorthand, Release 2 (new standard)

FHIR Shorthand (FSH) is a domain-specific language that allows Implementation Guide authors to define conformance resources (e.g., StructureDefinitions, ValueSets, etc.) as well as general instances (e.g., examples). The ballot concerns the syntax and capabilities of FHIR Shorthand including new features since STU 1. The specification is presented as a FHIR IG. The ballot is normative; however, a certain set of new features are proposed for trial use and are clearly marked as such.

Single copy price: Free to members and non-members

Obtain an electronic copy from: Karenvan@HL7.org

Order from: Karen Van Hentenryck; Karenvan@HL7.org

Send comments (copy psa@ansi.org) to: Karen Van Hentenryck; Karenvan@HL7.org

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

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

New Standard

BSR/IAPMO Z124.10-202x, Water Closets and Urinal Partitions (new standard)

This Standard covers urinal and water closet partitions and specifies requirements for materials, construction, performance testing, and markings. This standard shall not regulate field-installed walls or doors used to provide privacy for water closets or urinals constructed in compliance with the building code

Single copy price: Free

Obtain an electronic copy from: standards@iapmostandards.org

Order from: Terry Burger; terry.burger@asse-plumbing.org; standards@iapmostandards.org

Send comments (copy psa@ansi.org) to: Same

Comment Deadline: February 7, 2022

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

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

Revision

BSR/CSA B125.5/IAPMO Z600-202x, Flexible Water Connector with Excess Flow Shut-off Devices (revision of ANSI/IAPMO Z600/CSA B125.5-2011 (R2016))

This Standard specifies test methods and markings for flexible water connectors with excess-flow shut-off devices. The devices covered by this Standard are intended to be used in water supply systems under (a) continuous pressure in accessible locations; or (b) intermittent pressure in recreational vehicles.

Single copy price: Free

Obtain an electronic copy from: standards@iapmostandards.org

Order from: Terry Burger; terry.burger@asse-plumbing.org; standards@iapmostandards.org

Send comments (copy psa@ansi.org) to: Same

ISA (International Society of Automation)

67 Alexander Drive, Research Triangle Park, NC 27709 | crobinson@isa.org, www.isa.org

New Standard

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

The purpose is to specify design requirements and basic quality protocol for interface hardware and adapters of quarter-turn actuators and valves.

Single copy price: \$9.00

Obtain an electronic copy from: crobinson@isa.org

Send comments (copy psa@ansi.org) to: Charley Robinson; crobinson@isa.org

NEMA (ASC C137) (National Electrical Manufacturers Association)

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

Revision

BSR/C137.0-202X, Standard for Lighting Systems Terms and Definitions (revision of ANSI C137.0-2017)

The definitions listed in this document apply or are directly related to lighting systems and are used in multiple lighting system standards. This standard is intended for use by lighting systems standards developers. The terms found in this document are recommended for use in all ANSI C137 lighting system standards. Where this document does not include a term, other references are listed.

Single copy price: \$50.00

Obtain an electronic copy from: michael.erbesfeld@nema.org

Order from: Michael Erbesfeld; Michael.Erbesfeld@nema.org

Send comments (copy psa@ansi.org) to: Same

Comment Deadline: February 7, 2022

NEMA (ASC C137) (National Electrical Manufacturers Association)

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

Revision

BSR/C137.1-202x, 0-10V Dimming Interface for LED Drivers, Fluorescent Ballasts, and Controls (revision of ANSI/C137.1-2019)

This Standard specifies the 0-10 volt control interface method and performance requirements for dimmable LED drivers, fluorescent ballasts, and dimming control units where output power is adjustable between minimum/off and maximum via a control input signal. The interface may be from one or more control units to one or more drivers or ballasts. Applications include, but are not limited to, commercial, residential, industrial, roadway and area, and hospitality. Applicable devices include, but are not limited to, dimmable drivers and ballasts that may be internal or external to luminaires, dimming controls, and daylighting controls. This Standard does not specify control by pulse-width modulation (PWM).

Single copy price: \$75.00

Obtain an electronic copy from: michael.erbesfeld@nema.org

Order from: Michael Erbesfeld; Michael.Erbesfeld@nema.org

Send comments (copy psa@ansi.org) to: Same

PCI (Precast/Prestressed Concrete Institute)

200 West Adams Street, Suite 2100, Chicago, IL 60606-5230 | esmith@pci.org, www.pci.org

New Standard

BSR/PCI 142-202x, Specification for Precast, Prestressed Concrete Piles (new standard)

This standard governs the design and construction of precast, prestressed concrete piles used to support most types of structural systems. Although the vast majority of pile applications are expected to be building-, bridge-, or pier/wharf-related, the provisions are also applicable to other structures. The provisions of this standard are consistent with the recommendations of the 2019 PCI Committee Report titled "Recommended Practice for Design, Manufacture and Installation of Prestressed Concrete Piling", which reflects best practices, including significant information relevant to seismic design such as detailing requirements based on the results of recent research, and recommends procedures for performance-based design.

Single copy price: 100.00 (PCI Members; or Government); \$200.00 (Non-members); Draft standard free of charge

Obtain an electronic copy from: https://www.pci.org/PCI/About/Standards_Development.aspx

Send comments (copy psa@ansi.org) to: Edith Smith; esmith@pci.org

SCTE (Society of Cable Telecommunications Engineers)

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

Reaffirmation

BSR/SCTE 133-2017 (R202x), Downstream RF Interface for Cable Modem Termination System (reaffirmation of ANSI/SCTE 133-2017)

This document defines the downstream radio-frequency interface [DRFI] specifications for:

- an edgeQAM (EQAM) modular device, or
- an integrated Cable Modem Termination System [CMTS] with multiple downstream channels per RF port, or
- an integrated CMTS beyond DOCSIS 2.0.

Single copy price: \$50.00

Obtain an electronic copy from: admin@standards.scte.org

Order from: Global Engineering Documents, (800) 854-7179, www.global.ihs.com

Send comments (copy psa@ansi.org) to: admin@standards.scte.org

Comment Deadline: February 7, 2022

TCATA (Textile Care Allied Trades Association)

PO Box 690905, Houston, TX 77269-0905 | cfelinski@b11standards.org, www.tcata.org

Reaffirmation

BSR Z8.1-2016 (R202x), Commercial Laundry Equipment and Operations - Safety Requirements (reaffirmation of ANSI Z8.1-2016)

This standard applies to the safety design and safe operation of equipment and some system(s) used in commercial and institutional laundries and drycleaning plants. It does not apply to coin-operated or ticket-operated laundries or any drycleaning establishments (except for Garment Finishing & Pressing Equipment used in plants which primarily process laundered goods).

Single copy price: \$45.00

Obtain an electronic copy from: luci@tcata.org

Send comments (copy psa@ansi.org) to: Luci Ward; Luci@tcata.org

TIA (Telecommunications Industry Association)

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

National Adoption

BSR/TIA 526-14-D-202x, Optical Power Loss Measurement of Installed Multimode Fiber Cable Plant; IEC 61280-4-1 edition 3, Fiber-Optic Communications Subsystem Test Procedures - Part 4-1: Installed Cable Plant - Multimode Attenuation Measurement (national adoption of IEC 61280-4-1 with modifications and revision of ANSI/TIA 526-14-C-2015)

Proposal to revise and to add a reference to bend-insensitive MM fiber for testing with EF-compliant launch cord.

Single copy price: \$174.00

Obtain an electronic copy from: TIA, standards-process@tiaonline.org

Order from: TIA, standards-process@tiaonline.org

Send comments (copy psa@ansi.org) to: standards-process@tiaonline.org

UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062-2096 | alan.t.mcgrath@ul.org, https://ul.org/

Reaffirmation

BSR/UL 2182-2017 (R202x), Standard for Refrigerants (reaffirmation of ANSI/UL 2182-2017)

Reaffirm the ANSI approval.

Single copy price: Free

Obtain an electronic copy from: <https://csds.ul.com/Home/ProposalsDefault.aspx>

Order from: <http://www.shopulstandards.com>

Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: <https://csds.ul.com/Home/ProposalsDefault.aspx>

Comment Deadline: February 7, 2022

UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062-2096 | alan.t.mcgrath@ul.org, <https://ul.org/>

Revision

BSR/UL 244B-202X, Standard for Field-Installed and/or Field-Connected Appliance Controls (revision of ANSI/UL 244B-2021)

Correct incorrect references to items in Table 47.1 in clause 17.5.7. Clarify the requirements of 32.1.3 and 32.2.3 to reflect current practices.

Single copy price: Free

Obtain an electronic copy from: <https://csds.ul.com/Home/ProposalsDefault.aspx>

Order from: <http://www.shopulstandards.com>

Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: <https://csds.ul.com/Home/ProposalsDefault.aspx>

UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062 | megan.monsen@ul.org, <https://ul.org/>

Revision

BSR/UL 1069-202x, Standard for Safety for Hospital Signaling and Nurse Call Equipment (revision of ANSI/UL 1069-2020)

This proposal for UL 1069 covers: (1) New combined signal and receptacle assembly for nurse call-signal system.

Single copy price: Free

Obtain an electronic copy from: <https://csds.ul.com/Home/ProposalsDefault.aspx>

Order from: <http://www.shopulstandards.com>

Send comments (copy psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: <https://csds.ul.com/Home/ProposalsDefault.aspx>

VITA (VMEbus International Trade Association (VITA))

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

Revision

BSR/VITA 78.0-202x, SpaceVPX System Standard (revision and redesignation of ANSI/VITA 78-2015)

This document describes an open standard for creating high-performance fault-tolerant interoperable backplanes and modules to assemble electronic systems for spacecraft and other high-availability applications. Such systems support a wide variety of use cases across the aerospace community. This standard leverages the OpenVPX standards family and the commercial infrastructure that supports these standards. This revision adds additional profiles, additional communication protocols, higher speed copper connectors, and an updated naming methodology for Slot and Module Profiles.

Single copy price: \$25.00

Obtain an electronic copy from: admin@vita.com

Send comments (copy psa@ansi.org) to: admin@vita.com

Comment Deadline: February 22, 2022

ASME (American Society of Mechanical Engineers)

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

Reaffirmation

BSR/ASME V&V 10.1-2012 (R202x), An Illustration of the Concepts of Verification and Validation in Computational Solid Mechanics (reaffirmation of ANSI/ASME V&V 10.1-2012)

This Standard describes a simple example of verification and validation (V&V) to illustrate some of the key concepts and procedures presented in V&V 10.

Single copy price: \$43.00

Order from: <https://cstools.asme.org/csconnect/PublicReviewPage.cfm>

Send comments (copy psa@ansi.org) to: Michelle Pagano; paganom@asme.org

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

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

National Adoption

INCITS/ISO/IEC 18013-5:2021 [202x], Personal identification - ISO-compliant driving licence - Part 5: Mobile driving licence (mDL) application (identical national adoption of ISO/IEC 18013-5:2021)

Establishes interface specifications for the implementation of a driving licence in association with a mobile device.

This document specifies the interface between the mDL and mDL reader and the interface between the mDL reader and the issuing authority infrastructure. This document also enables parties other than the issuing authority (e.g., other issuing authorities or mDL verifiers in other countries).

Single copy price: \$250.00

Obtain an electronic copy from: <http://webstore.ansi.org/>

Order from: <http://webstore.ansi.org/>

Send comments (copy psa@ansi.org) to: comments@standards.incits.org

Project Withdrawn

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

PCI (Precast/Prestressed Concrete Institute)

200 West Adams Street, Suite 2100, Chicago, IL 60606-5230 | esmith@pci.org, www.pci.org

BSR/PCI MNL-116-201X, Manual for Quality Control for Plants and Production of Structural Precast Concrete Products, Fifth Edition (new standard)

Inquiries may be directed to Edith Smith; esmith@pci.org

PLASTICS (Plastics Industry Association)

1425 K Street, NW, Suite 500, Washington, DC 20005 | jlinder@plasticsindustry.org, www.plasticsindustry.org

BSR/SPI B151.30-1999, Molds Used with Horizontal Injection Molding Machines - Safety Requirements for Integration, Care and Use (new standard)

Inquiries may be directed to Jeff Linder; jlinder@plasticsindustry.org

Withdrawal of an ANS by ANSI-Accredited Standards Developer

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

API (American Petroleum Institute)

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

ANSI/API RP 19D/ISO 13503-5-2007 (R2020), Measuring the Long-Term Conductivity of Proppants, 1st Edition
Questions may be directed to: Jacqueline Roueche; RouecheJ@api.org

Final Actions on American National Standards

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

AAFS (American Academy of Forensic Sciences)

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

New Standard

ANSI/ASB BPR 060-2021, Guidelines for Barrel and Overall Length Measurements for Firearms (new standard) Final Action Date: 12/15/2021

New Standard

ANSI/ASB Std 092-2021, Standard for Training and Certification of Canine Detection of Explosives (new standard) Final Action Date: 12/14/2021

New Standard

ANSI/ASB Std 125-2021, Organizational and Foundational Standard for Medicolegal Death Investigation (new standard) Final Action Date: 12/15/2021

AAMI (Association for the Advancement of Medical Instrumentation)

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

Reaffirmation

ANSI/AAMI/IEC 62366-1-2015 (R2021), Medical devices - Part 1: Application of usability engineering to medical devices (reaffirmation of ANSI/AAMI/IEC 62366-1-2015) Final Action Date: 12/14/2021

ASA (ASC S12) (Acoustical Society of America)

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

Revision

ANSI/ASA S12.9-2021/Part 4, Quantities and Procedures for Description and Measurement of Environmental Sound - Part 4: Noise Assessment and Prediction of Long-Term Community Response (revision of ANSI/ASA S12.9-2005/Part 4 (R2020)) Final Action Date: 12/16/2021

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

Revision

ANSI X9.100-20-2021, Magnetic Ink Character Recognition: Printing MICR Characters (revision of ANSI X9.100-20 Parts 1, 2 & 3-2015) Final Action Date: 12/16/2021

ASME (American Society of Mechanical Engineers)

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

New Standard

ANSI/ASME PTC 47.3-2021, Performance Test Code of the Syngas Conditioning Block of an Integrated Gasification Combined Cycle Power Plant (new standard) Final Action Date: 12/14/2021

New Standard

ANSI/ASME VVUQ 10.2-2021, The Role of Uncertainty Quantification in Verification and Validation of Computational Solid Mechanics Models (new standard) Final Action Date: 12/13/2021

ASME (American Society of Mechanical Engineers)

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

Reaffirmation

ANSI/ASME B18.2.1-2012 (R2021), Square, Hex, Heavy Hex, and Askew Head Bolts, and Hex, Heavy Hex, and Hex Flange, Lobed Head, and Lag Screws (Inch Series) (reaffirmation of ANSI/ASME B18.2.1-2012) Final Action Date: 12/14/2021

Reaffirmation

ANSI/ASME B18.2.9-2010 (R2021), Straightness Gage and Gaging for Bolts and Screws (reaffirmation of ANSI/ASME B18.2.9-2010 (R2017)) Final Action Date: 12/14/2021

Reaffirmation

ANSI/ASME B18.16M-2004 (R2021), Prevailing-Torque Type Steel Metric Hex Nuts and Hex Flange Nuts (reaffirmation of ANSI/ASME B18.16M-2004 (R2016)) Final Action Date: 12/14/2021

Reaffirmation

ANSI/ASME B18.18-2017 (R2021), Quality Assurance for Fasteners (reaffirmation of ANSI/ASME B18.18-2017) Final Action Date: 12/14/2021

Reaffirmation

ANSI/ASME B18.31.1M-2008 (R2021), Metric Continuous and Double End Studs (reaffirmation of ANSI/ASME B18.31.1M-2008 (R2016)) Final Action Date: 12/14/2021

Revision

ANSI/ASME A120.1-2021, Safety Requirements for Powered Platforms and Traveling Ladders and Gantries for Building Maintenance (revision of ANSI/ASME A120.1-2014) Final Action Date: 12/14/2021

Revision

ANSI/ASME B16.11-2021, Forged Fittings, Socket-Welding and Threaded (revision of ANSI/ASME B16.11-2016) Final Action Date: 12/14/2021

Stabilized Maintenance

ANSI/ASME B18.2.8-1999 (S2021), Clearance Holes for Bolts, Screws, and Studs (stabilized maintenance of ANSI/ASME B18.2.8-1999 (R2017)) Final Action Date: 12/14/2021

Stabilized Maintenance

ANSI/ASME B18.6.1-1981 (S2021), Wood Screws (Inch Series) (stabilized maintenance of ANSI/ASME B18.6.1-1981 (R2016)) Final Action Date: 12/14/2021

Withdrawal

ANSI/ASME B18.2.3.5M-1979 (R2016), Metric Hex Bolts (withdrawal of ANSI/ASME B18.2.3.5M-1979 (R2016)) Final Action Date: 12/14/2021

ASTM (ASTM International)

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

Revision

ANSI/ASTM E2231-2021, Practice for Specimen Preparation and Mounting of Pipe and Duct Insulation Materials to Assess Surface Burning Characteristics (revision of ANSI/ASTM E2231-2019) Final Action Date: 12/15/2021

Revision

ANSI/ASTM E2280-2021, Guide for Fire Hazard Assessment of the Effect of Upholstered Seating Furniture Within Patient Rooms of Health Care Facilities (revision of ANSI/ASTM E2280-2017) Final Action Date: 12/15/2021

ASTM (ASTM International)

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

Revision

ANSI/ASTM E2536-2021, Guide for Assessment of Measurement Uncertainty in Fire Tests (revision of ANSI/ASTM E2536-2015A) Final Action Date: 12/14/2021

AWPA (ASC 05) (American Wood Protection Association)

P.O. Box 361784, Birmingham, AL 35236-1784 | email@awpa.com, www.awpa.com

Withdrawal

ANSI O5.4-2017, Naturally Durable Hardwood Poles: Specifications and Dimensions (withdrawal of ANSI O5.4-2017) Final Action Date: 12/14/2021

Withdrawal

ANSI O5.5-2010 (R2016), Wood Ground Wire Moulding: Specifications and Dimensions (withdrawal of ANSI O5.5-2010 (R2016)) Final Action Date: 12/14/2021

AWS (American Welding Society)

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

New Standard

ANSI/AWS C4.4/C4.4M-2022, Recommended Practices for Heat Shaping and Straightening with Oxyfuel Gas Heating Torches (new standard) Final Action Date: 12/17/2021

AWWA (American Water Works Association)

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

New Standard

ANSI/AWWA C623-2021, Cured-in-Place Pipe (CIPP) Rehabilitation of Pressurized Potable Water Pipelines, 4 in. (100 mm) and Larger (new standard) Final Action Date: 12/16/2021

Revision

ANSI/AWWA C230-2021, Stainless-Steel Full-Encirclement Repair and Service Connection Clamps for 2-In. Through 12-In. (5-mm Through 300-mm) Pipe (revision of ANSI/AWWA C230-2016) Final Action Date: 12/14/2021

BHMA (Builders Hardware Manufacturers Association)

17 Faulkner Drive, Niantic, CT 06357 | mtierney@kellencompany.com, www.buildershardware.com

Revision

ANSI/BHMA A156.23-2021, Standard for Electromagnetic Locks (revision of ANSI/BHMA A156.23-2017) Final Action Date: 12/16/2021

Revision

ANSI/BHMA A156.29-2021, Standard for Exit Locks, Exit Alarms and Alarms for Exit Devices (revision of ANSI/BHMA A156.29-2017) Final Action Date: 12/16/2021

CSA (CSA America Standards Inc.)

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

Reaffirmation

ANSI Z21.60-2017 (R2021), Decorative gas appliances for installation in solid-fuel burning fireplaces (same as CSA 2.26) (reaffirmation of ANSI Z21.60-2017) Final Action Date: 12/16/2021

Reaffirmation

ANSI Z21.84-2017 (R2021), Manually lighted, natural gas, decorative gas appliances for installation in solid-fuel burning appliances (same as CSA Z21.84) (reaffirmation of ANSI Z21.84-2017) Final Action Date: 12/16/2021

CSA (CSA America Standards Inc.)

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

Reaffirmation

ANSI Z83.20-2016 (R2021), Gas-fired tubular and low-intensity infrared heaters (reaffirmation of ANSI Z83.20-2016)

Final Action Date: 12/14/2021

EOS/ESD (ESD Association, Inc.)

218 W. Court Street, Rome, NY 13440 | cearl@esda.org, www.esda.org

Revision

ANSI/ESD S20.20-2021, ESD Association Standard for the Development of an Electrostatic Discharge Control Program for Protection of Electrical and Electronic Parts, Assemblies, and Equipment (Excluding Electrically Initiated Explosive Devices) (revision of ANSI/ESD S20.20-2014) Final Action Date: 12/14/2021

HL7 (Health Level Seven)

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

Reaffirmation

ANSI/HL7 V3 PASSAC, R1-2017 (R2021), HL7 Version 3 Standard: Privacy, Access and Security Services (PASS) Access Control, Release 1 (reaffirmation of ANSI/HL7 V3 PASSAC, R1-2017) Final Action Date: 12/16/2021

NSF (NSF International)

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

Revision

ANSI/NSF 51-2021 (i17r3), Food Equipment Materials (revision of ANSI/NSF 51-2019) Final Action Date: 12/15/2021

RESNET (Residential Energy Services Network, Inc.)

4867 Patina Court, Oceanside, CA 92057 | rick.dixon@resnet.us, www.resnet.us.com

Reaffirmation

ANSI/RESNET 1201-2016 (R2021), Standard Method of Test for the Evaluation of Building Energy Analysis Model Calibration Methods (reaffirmation of ANSI/RESNET 1201-2016) Final Action Date: 12/17/2021

TAPPI (Technical Association of the Pulp and Paper Industry)

15 Technology Parkway, Suite 115, Peachtree Corners, GA 30092 | standards@tappi.org, www.tappi.org

Reaffirmation

ANSI/TAPPI T 259 om-2015 (R2021), Species identification of nonwood plant fibers (reaffirmation of ANSI/TAPPI T 259 om-2015) Final Action Date: 12/14/2021

UL (Underwriters Laboratories)

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

Reaffirmation

ANSI/UL 1097-2012 (R2021), Standard for Safety for Double Insulation Systems for Use in Electrical Equipment, (October 29, 2021) (reaffirmation of ANSI/UL 1097-2012 (R2016)) Final Action Date: 12/16/2021

Revision

ANSI/UL 758-2021b, Standard for Safety for Appliance Wiring Material (revision of ANSI/UL 758-2021) Final Action Date: 10/13/2021

Revision

ANSI/UL 1839-2021a, Standard for Safety for Automotive Battery Booster Cables (revision of ANSI/UL 1839-2021) Final Action Date: 12/16/2021

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.

ASME (American Society of Mechanical Engineers)

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

BSR/ASME MFC-8M-202x, Fluid Flow in Closed Conduits: Connections for Pressure Signal Transmissions between Primary & Secondary Devices (revision of ANSI/ASME MFC-8M-2001 (R2016))

BSR/ASME MFC-18M-202x, Measurement of Fluid Flow Using Variable Area Meters (revision and redesignation of ANSI/ASME MFC-18M-2001 (R2016))

BIFMA (Business and Institutional Furniture Manufacturers Association)

678 Front Avenue NW, Grand Rapids, MI 49504 | dpanning@bifma.org, www.bifma.org

BSR/BIFMA X5.1-2017 (R202x), General-Purpose Office Chairs (reaffirmation of ANSI/BIFMA X5.1-2017)

BSR/BIFMA X9.2-202X, Privacy Pods (new standard)

CEMA (Conveyor Equipment Manufacturers Association)

1250 Tamiami Trail N, Suite 211, Naples, FL 34102 | naylu@cemanet.org, www.cemanet.org

BSR/CEMA Standard No. 102-202x, Conveyor Terms and Definitions (revision and redesignation of ANSI/CEMA 102-2012)

EOS/ESD (ESD Association, Inc.)

218 W. Court Street, Rome, NY 13440 | jkirk@esda.org, www.esda.org

BSR/EOS ESD SP17.2-202x, Process Assessment of Electrical Disturbances (new standard)

ISA (International Society of Automation)

67 Alexander Drive, Research Triangle Park, NC 27709 | crobinson@isa.org, www.isa.org

BSR/ISA 18.1-202x, Annunciator Sequences and Specifications (new standard)

BSR/ISA 18.2-202x, Management of Alarm Systems for the Process Industries (revision of ANSI/ISA 18.2-2016)

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

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

INCITS/ISO/IEC 18013-5:2021 [202x], Personal identification - ISO-compliant driving licence - Part 5: Mobile driving licence (mDL) application (identical national adoption of ISO/IEC 18013-5:2021)

NSF (NSF International)

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

BSR/NSF 14-202x (i124r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2020)

TIA (Telecommunications Industry Association)

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

BSR/TIA 526-14-D-202x, Optical Power Loss Measurement of Installed Multimode Fiber Cable Plant; IEC 61280-4-1 edition 3, Fiber-Optic Communications Subsystem Test Procedures-Part 4-1: Installed Cable Plant - Multimode Attenuation Measurement (national adoption of IEC 61280-4-1 with modifications and revision of ANSI/TIA 526-14-C-2015)

VITA (VMEbus International Trade Association (VITA))

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

BSR/VITA 78.0-202x, SpaceVPX System Standard (revision and redesignation of ANSI/VITA 78-2015)

Call for Members (ANS Consensus Bodies)

ANSI Accredited Standards Developer

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

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

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

Membership in the INCITS Executive Board is open to all directly and materially affected parties in accordance with INCITS membership rules. To find out more about participating on the INCITS Executive Board, contact Jennifer Garner at jgarner@itic.org or visit <http://www.incits.org/participation/membership-info> for more information.

Membership in all interest categories is always welcome; however, the INCITS Executive Board seeks to broaden its membership base in the following categories:

- Service Providers
- Users
- Standards Development Organizations and Consortia
- Academic Institutions

ANSI Accredited Standards Developer

SCTE (Society of Cable Telecommunications Engineers)

SCTE, an ANSI-accredited SDO, is the primary organization for the creation and maintenance of standards for the cable telecommunications industry. SCTE's standards mission is to develop standards that meet the needs of cable system operators, content providers, network and customer premises equipment manufacturers, and all others who have an interest in the industry through a fair, balanced and transparent process.

SCTE is currently seeking to broaden the membership base of its ANS consensus bodies and is interested in new members in all membership categories to participate in new work in fiber-optic networks, advanced advertising, 3D television, and other important topics. Of particular interest is membership from the content (program and advertising) provider and user communities. Membership in the SCTE Standards Program is open to all directly and materially affected parties as defined in SCTE's membership rules and operating procedures. More information is available at www.scte.org or by e-mail from standards@scte.org.

Membership in the SCTE Standards Program is open to all directly and materially affected parties as defined in SCTE's membership rules and operating procedures. More information is available at www.scte.org or by e-mail from standards@scte.org.

American National Standards (ANS) Announcements

Corrections

CSA - CSA America Standards Inc.

BSR Z21.96a-202x Addenda Designation typo

The 10/22/2021, Call for Comment notice mistakenly had a typo in the Designation. This public review notice should have been listed as:

BSR Z21.96a-202x, Portable Water Heatersfor Outdoor Use, same as CSA 11.6a
(addenda to ANSI Z21.96-2019)

Please direct inquiries to: Debbie Chesnik; ansi.contact@csagroup.org

Accreditation Announcements (Standards Developers)

Public Review of Revised ASD Operating Procedures

API - American Petroleum Institute

Comment Deadline: January 24, 2022

The **API - American Petroleum Institute**, an ANSI Member and Accredited Standards Developer, has submitted revisions to its currently accredited operating procedures for documenting consensus on API-sponsored American National Standards, under which it was last reaccredited in 2019. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Paula Watkins, Sr. Manager, Midstream Standards, American Petroleum Institute (API) | 200 Massachusetts Avenue NW, Suite 1100, Washington, DC 20001-5571 | (202) 682-8197, watkinsp@api.org

[Click here to view/download a copy of the revisions during the public review period.](#)

Please submit any public comments on the revised procedures to API by **January 24, 2022**, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompso@ANSI.org).

American National Standards (ANS) Process

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

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

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

- ANSI Essential Requirements: Due process requirements for American National Standards (always current edition): www.ansi.org/essentialrequirements
- ANSI Standards Action (weekly public review announcements of proposed ANS and standards developer accreditation applications, listing of recently approved ANS, and proposed revisions to ANS-related procedures): www.ansi.org/standardsaction
- Accreditation information – for potential developers of American National Standards (ANS): www.ansi.org/sdoaccreditation
- ANS Procedures, ExSC Interpretations and Guidance (including a slide deck on how to participate in the ANS process and the BSR-9 form): www.ansi.org/asd
- Lists of ANSI-Accredited Standards Developers (ASDs), Proposed ANS and Approved ANS: www.ansi.org/asd
- American National Standards Key Steps: www.ansi.org/anskeysteps
- American National Standards Value: www.ansi.org/ansvalue
- ANS Web Forms for ANSI-Accredited Standards Developers - PINS, BSR8|108, BSR11, Technical Report: <https://www.ansi.org/portal/psawebforms/>
- Information about standards Incorporated by Reference (IBR): <https://ibr.ansi.org/>
- ANSI - Education and Training: www.standardstolearn.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.

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- 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)
 - NISO (National Information Standards Organization)
 - NSF (NSF International)
 - PRCA (Professional Ropes Course Association)
 - RESNET (Residential Energy Services Network, Inc.)
 - SAE (SAE International)
 - TCNA (Tile Council of North America)
 - TIA (Telecommunications Industry Association)
 - UL (Underwriters Laboratories)

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

ANSI-Accredited Standards Developers (ASD) Contacts

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

AAFS

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

Teresa Ambrosius
tambrosius@aafs.org

AAMI

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

Hae Choe
standards@aami.org

ACI

American Concrete Institute
38800 Country Club Drive
Farmington Hills, MI 48331
www.concrete.org

Shannon Banchemo
shannon.banchemo@concrete.org

AGA (ASC Z380)

American Gas Association
400 North Capitol Street, NW, Suite 450
Washington, DC 20001
www.aga.org

Betsy Tansey
btansey@aga.org

ANS

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

Kathryn Murdoch
kmurdoch@ans.org

ASA (ASC S12)

Acoustical Society of America
1305 Walt Whitman Road, Suite 300
Melville, NY 11747
www.acousticalsociety.org

Nancy Blair-DeLeon
standards@acousticalsociety.org

ASC X9

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

Ambria Frazier
Ambria.frazier@x9.org

ASME

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

Maria Acevedo
ansibox@asme.org

ASME

American Society of Mechanical Engineers
Two Park Avenue, M/S 6-2B
New York, NY 10016
www.asme.org

Terrell Henry
ansibox@asme.org

ASPE

American Society of Plumbing Engineers
6400 Shafer Court, Suite 350
Rosemont, IL 60018
www.aspe.org

Gretchen Pienta
gpienta@aspe.org

ASTM

ASTM International
100 Barr Harbor Drive
West Conshohocken, PA 19428
www.astm.org

Laura Klineburger
accreditation@astm.org

AWPA (ASC O5)

American Wood Protection Association
P.O. Box 361784
Birmingham, AL 35236
www.awpa.com

Colin McCown
email@awpa.com

AWS

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

Jennifer Rosario
jrosario@aws.org

AWWA

American Water Works Association
6666 W. Quincy Avenue
Denver, CO 80235
www.awwa.org

Paul Olson
polson@awwa.org

BHMA

Builders Hardware Manufacturers
Association
17 Faulkner Drive
Niantic, CT 06357
www.buildershardware.com

Michael Tierney
mtierney@kellencompany.com

BIFMA

Business and Institutional Furniture
Manufacturers Association
678 Front Avenue NW
Grand Rapids, MI 49504
www.bifma.org

David Panning
dpanning@bifma.org

CEMA

Conveyor Equipment Manufacturers
Association
1250 Tamiami Trail N, Suite 211
Naples, FL 34102
www.cemanet.org

Naylu Garces
naylu@cemanet.org

CRSI

Concrete Reinforcing Steel Institute
933 N Plum Grove Road
Schaumburg, IL 60173
www.crsi.org

ANSI-Accredited Standards Developers Contact Information

Amy Trygestad
atrygestad@crsi.org

CSA

CSA America Standards Inc.
8501 East Pleasant Valley Road
Cleveland, OH 44131
www.csagroup.org
Debbie Chesnik
ansi.contact@csagroup.org

EOS/ESD

ESD Association, Inc.
218 W. Court Street
Rome, NY 13440
www.esda.org

Christina Earl
cearl@esda.org

Jennifer Kirk
jkirk@esda.org

HL7

Health Level Seven
3300 Washtenaw Avenue, Suite 227
Ann Arbor, MI 48104
www.hl7.org

Karen Van Hentenryck
Karenvan@HL7.org

IAPMO (Z)

International Association of Plumbing &
Mechanical Officials
18927 Hickory Creek Drive, Suite 220
Mokena, IL 60448
<https://www.iapmostandards.org>

Terry Burger
terry.burger@asse-plumbing.org;
standards@iapmostandards.org

ISA (Organization)

International Society of Automation
67 Alexander Drive
Research Triangle Park, NC 27709
www.isa.org

Charley Robinson
crobinson@isa.org

ITI (INCITS)

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

Lynn Barra
comments@standards.incits.org

NEMA (ASC C137)

National Electrical Manufacturers
Association
1300 N 17th Street, Suite 900
Rosslyn, VA 22209
www.nema.org

Michael Erbesfeld
Michael.Erbesfeld@nema.org

NEMA (ASC C29)

National Electrical Manufacturers
Association
13 North 17th Street, Suite 900
Rosslyn, VA 22209
www.nema.org

Paul Orr
pau_orr@nema.org

NSF

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

Allan Rose
arose@nsf.org

Jason Snider
jsnider@nsf.org

PCI

Precast/Prestressed Concrete Institute
200 West Adams Street, Suite 2100
Chicago, IL 60606
www.pci.org

Edith Smith
esmith@pci.org

RESNET

Residential Energy Services Network, Inc.
4867 Patina Court
Oceanside, CA 92057
www.resnet.us.com

Richard Dixon
rick.dixon@resnet.us

SCTE

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

Kim Cooney
kcooney@scte.org

TAPPI

Technical Association of the Pulp and
Paper Industry
15 Technology Parkway, Suite 115
Peachtree Corners, GA 30092
www.tappi.org

Natasha Bush-Postell
standards@tappi.org

TCATA

Textile Care Allied Trades Association
PO Box 690905
Houston, TX 77269
www.tcata.org

Chris Felinski
cfelinski@b11standards.org

TIA

Telecommunications Industry Association
1320 North Courthouse Road, Suite 200
Arlington, VA 22201
www.tiaonline.org

Teesha Jenkins
standards-process@tiaonline.org

UL

Underwriters Laboratories
12 Laboratory Drive
Research Triangle Park, NC 27709
<https://ul.org/>

Doreen Stocker
Doreen.Stocker@ul.org

UL

Underwriters Laboratories
333 Pflugsten Road
Northbrook, IL 60062
<https://ul.org/>

Alan McGrath
alan.t.mcgrath@ul.org

Megan Mosen
megan.mosen@ul.org

UL

Underwriters Laboratories
47173 Benicia Street
Fremont, CA 94538
<https://ul.org/>

Derrick Martin
Derrick.L.Martin@ul.org

Linda Phinney
Linda.L.Phinney@ul.org

VITA

VMEbus International Trade Association

(VITA)

929 W. Portobello Avenue

Mesa, AZ 85210

www.vita.com

Jing Kwok

jing.kwok@vita.com

ISO & IEC Draft International Standards



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

COMMENTS

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

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

ORDERING INSTRUCTIONS

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

ISO Standards

Acoustics (TC 43)

ISO/DIS 11819-1, Acoustics - Measurement of the influence of road surfaces on traffic noise - Part 1: Statistical Pass-By method - 3/4/2022, \$119.00

Agricultural food products (TC 34)

ISO 16654:2001/DAMd 2, Microbiology of food and animal feeding stuffs - Horizontal method for the detection of *Escherichia coli* O157 - Amendment 2: Inclusion of performance testing of culture media and reagents - 3/4/2022, \$33.00

ISO/DIS 27971, Cereals and cereal products - Common wheat (*Triticum aestivum* L.) - Determination of alveograph properties of dough at constant hydration from commercial or test flours and test milling methodology - 3/4/2022, \$125.00

Air quality (TC 146)

ISO/DIS 16000-42, Indoor air - Part 42: Measurement of the particle number concentration by Condensation Particle Counters - 3/4/2022, \$102.00

Aircraft and space vehicles (TC 20)

ISO/DIS 15865, Space systems - Qualification assessment - 3/4/2022, \$71.00

Banking and related financial services (TC 68)

ISO/DIS 18245, Retail financial services - Merchant category codes - 3/4/2022, \$29.00

Cleaning equipment for air and other gases (TC 142)

ISO/FDIS 29463-5, High-efficiency filters and filter media for removing particles in air - Part 5: Test method for filter elements - 3/4/2022, \$93.00

Cleanrooms and associated controlled environments (TC 209)

ISO/FDIS 14644-9, Cleanrooms and associated controlled environments - Part 9: Assessment of surface cleanliness for particle concentration - 3/4/2022, \$88.00

Cranes (TC 96)

ISO/DIS 23778, Proof of competence of hydraulic cylinders in crane applications - 3/4/2022, \$119.00

Cryogenic vessels (TC 220)

ISO 21014:2019/DAMd 1, Cryogenic vessels - Cryogenic insulation performance - Amendment 1 - 3/4/2022, \$29.00

Dentistry (TC 106)

ISO/DIS 24466, Dentistry - Designations for the parts and dimensions of an implant body or a monopart implant - 3/4/2022, \$53.00

ISO/DIS 3630-6, Dentistry - Endodontic instruments - Part 6: Numeric coding system - 3/4/2022, \$58.00

Fasteners (TC 2)

ISO/DIS 2702, Fasteners - Heat-treated tapping screws - Mechanical and physical properties - 3/4/2022, \$53.00

Furniture (TC 136)

ISO/DIS 4769, Hardware for furniture - Strength and durability of hinges and their components - Hinges pivoting on a vertical axis - 3/4/2022, \$67.00

Geographic information/Geomatics (TC 211)

ISO/DIS 19123-1, Geographic information - Schema for coverage geometry and functions - Part 1: Fundamentals - 3/4/2022, \$175.00

ISO/DIS 19123-3, Geographic information - Schema for coverage geometry and functions - Part 3: Processing fundamentals - 3/4/2022, \$146.00

Graphic technology (TC 130)

ISO/DIS 22067-1, Graphic Technology - Requirements for communication of environmental aspects of printed products - Part 1: General printing - 3/4/2022, \$82.00

Implants for surgery (TC 150)

ISO/FDIS 5832-6, Implants for surgery - Metallic materials - Part 6: Wrought cobalt-nickel-chromium-molybdenum alloy - 3/4/2022, \$33.00

Industrial automation systems and integration (TC 184)

ISO/FDIS 17506, Industrial automation systems and integration - COLLADATM digital asset schema specification for 3D visualization of industrial data - 3/4/2022, \$281.00

Industrial furnaces and associated processing equipment (TC 244)

ISO/DIS 4529, Industrial furnaces and associated processing equipment - Secondary steelmaking - Machinery and equipment for treatment of liquid steel - 3/4/2022, \$125.00

Iron ores (TC 102)

ISO/DIS 21826-1, Iron ores - Determination of total iron content - EDTA photometric titration method - Part 1: Microwave digestion method - 3/4/2022, \$93.00

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

ISO/DIS 12736-1, Petroleum and natural gas industries - Wet thermal insulation systems for pipelines and subsea equipment - Part 1: Validation of materials and insulation systems - 3/4/2022, \$125.00

ISO/DIS 12736-2, Petroleum and natural gas industries - Wet thermal insulation systems for pipelines and subsea equipment - Part 2: Qualification processes for production and application procedures - 3/4/2022, \$125.00

ISO/DIS 12736-3, Petroleum and natural gas industries - Wet thermal insulation systems for pipelines and subsea equipment - Part 3: Interfaces between systems, field joint system, field repairs and prefabricated insulation - 3/4/2022, \$125.00

ISO/DIS 19901-8, Petroleum and natural gas industries - Specific requirements for offshore structures - Part 8: Marine soil investigations - 3/4/2022, \$185.00

Mechanical testing of metals (TC 164)

ISO/FDIS 16808, Metallic materials - Sheet and strip - Determination of biaxial stress-strain curve by means of bulge test with optical measuring systems - 3/4/2022, \$88.00

Nuclear energy (TC 85)

ISO/DIS 7097-2, Nuclear fuel technology - Determination of uranium in solutions, uranium hexafluoride and solids - Part 2: Iron(II) reduction/cerium(IV) oxidation titrimetric method - 3/4/2022, \$71.00

Optics and optical instruments (TC 172)

ISO/FDIS 9211-4, Optics and photonics - Optical coatings - Part 4: Specific test methods: abrasion, adhesion and resistance to water - 3/4/2022, \$67.00

Other

ISO/FDIS 5402-1, Leather - Determination of flex resistance - Part 1: Flexometer method - 3/4/2022, \$53.00

Paper, board and pulps (TC 6)

ISO/FDIS 8784-3, Pulp, paper and board - Microbiological examination - Part 3: Enumeration of yeast and mould based on disintegration - 3/4/2022, \$53.00

Plain bearings (TC 123)

ISO/DIS 6834, Plain bearings - Thermo-hydrodynamic lubrication design charts for circular cylindrical bearings under steady-state conditions - 3/4/2022, \$88.00

Plastics (TC 61)

ISO/DIS 24048, Plastics - Determination of bound acrylonitrile content in the continuous phase of acrylonitrile-butadiene-styrene (ABS) by Dumas combustion method - 3/4/2022, \$46.00

Road vehicles (TC 22)

ISO/DIS 6549, Road vehicles - Procedure for H- and R-point determination - 3/4/2022, \$53.00

ISO/DIS 18246, Electrically propelled mopeds and motorcycles - Safety requirements for conductive connection to an external electric power supply - 3/4/2022, \$107.00

ISO/DIS 6626-1, Internal combustion engines - Piston rings - Part 1: Coil spring loaded oil control rings made of cast iron - 3/4/2022, \$175.00

Rubber and rubber products (TC 45)

ISO/FDIS 8330, Rubber and plastics hoses and hose assemblies - Vocabulary - 3/4/2022, \$93.00

ISO/DIS 12493, Rubber, vulcanized or thermoplastic - Determination of stress in tension under non-isothermal conditions - 3/4/2022, \$71.00

Safety of amusement rides and amusement devices (TC 254)

ISO/FDIS 17842-2, Safety of amusement rides and amusement devices - Part 2: Operation and use - 3/4/2022, \$93.00

ISO/FDIS 17842-3, Safety of amusement rides and amusement devices - Part 3: Requirements for inspection during design, manufacture, operation and use - 3/4/2022, \$46.00

Ships and marine technology (TC 8)

ISO/DIS 4827, Ships and marine technology - Escorting and pull-back system for tankers - 3/4/2022, \$40.00

ISO/FDIS 22834, Large yachts - Quality assessment of life onboard - Stabilization/sea keeping - 3/4/2022, \$67.00

ISO/DIS 23120, Ships and marine technology - Graphical symbols for computer-based incident response systems - 3/4/2022, \$53.00

Small craft (TC 188)

ISO 25197:2020/DAmD 1, Small craft - Electrical/electronic control systems for steering, shift and throttle - Amendment 1 - 3/4/2022, \$33.00

ISO/FDIS 8848, Small craft - Remote mechanical steering systems - 3/4/2022, \$82.00

Soil quality (TC 190)

ISO/DIS 23265, Soil quality - Test for estimating organic matter decomposition in contaminated soil - 3/4/2022, \$71.00

Steel (TC 17)

ISO/FDIS 4968, Steel - Macrographic examination by sulfur print (Baumann method) - 3/4/2022, \$46.00

Sterilization of health care products (TC 198)

ISO/DIS 13408-1, Aseptic processing of health care products - Part 1: General requirements - 3/4/2022, \$146.00

Technical drawings, product definition and related documentation (TC 10)

ISO/DIS 8887-2, Technical product documentation - Design for manufacturing, assembling, disassembling and end-of-life processing - Part 2: Vocabulary - 3/4/2022, \$58.00

Technical systems and aids for disabled or handicapped persons (TC 173)

ISO/FDIS 9999, Assistive products - Classification and terminology - 3/4/2022, \$194.00

Textiles (TC 38)

ISO/DIS 3758, Textiles - Care labelling code using symbols - 3/4/2022, \$82.00

Tractors and machinery for agriculture and forestry (TC 23)

ISO/DIS 5676, Tractors and machinery for agriculture and forestry - Hydraulic coupling - Braking circuit - 3/4/2022, \$33.00

Traditional Chinese medicine (TC 249)

ISO/FDIS 22585, Traditional Chinese medicine - Codonopsis pilosula root - 3/4/2022, \$62.00

ISO/FDIS 22586, Traditional Chinese medicine - Paeonia lactiflora root - White peony root - 3/4/2022, \$62.00

ISO/FDIS 23965, Traditional Chinese medicine - Bupleurum chinense, Bupleurum scorzonerifolium and Bupleurum falcatum root - 3/4/2022, \$77.00

Water quality (TC 147)

ISO/DIS 4723, Water quality - Actinium-227 - Test method using alpha-spectrometry - 3/4/2022, \$88.00

Welding and allied processes (TC 44)

ISO/DIS 10447, Resistance welding - Testing of welds - Peel and chisel testing of resistance spot and projection welds - 3/4/2022, \$46.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 15775, Information technology - Office equipment - Method of specifying image reproduction of colour copying machines and multifunction devices with copying modes by printed test charts - 3/4/2022, \$125.00

ISO/IEC DIS 4005-1, Telecommunications and information exchange between systems - Low altitude drone area network (LADAN) - Part 1: Communication model and requirements - 3/4/2022, \$71.00

ISO/IEC DIS 4005-2, Telecommunications and information exchange between systems - Low altitude drone area network (LADAN) - Part 2: Physical and data link protocols for shared communication - 3/4/2022, \$134.00

ISO/IEC DIS 4005-3, Telecommunications and information exchange between systems - Low altitude drone area network (LADAN) - Part 3: Physical and data link protocols for control communication - 3/4/2022, \$134.00

ISO/IEC DIS 4005-4, Telecommunications and information exchange between systems - Low altitude drone area network (LADAN) - Part 4: Physical and data link protocols for video communication - 3/4/2022, \$134.00

ISO/IEC DIS 18041-5, Information technology - Computer graphics, image processing and environmental data representation - Environmental Data Coding Specification (EDCS) language bindings - Part 5: C++ - 3/4/2022, FREE

IEC Standards

SMB/7496/QP, Draft IEC Guide 120 Edition 2, Security aspects - Guidelines for their inclusion in publications, 01/14/2022

4/428/CD, IEC 60308 ED3: Hydraulic turbines - Testing of governing systems, 03/11/2022

4/429/CD, IEC 61362 ED3: Guide to specification of hydraulic turbine governing systems, 03/11/2022

8/1611/CD, IEC TS 63222-3 ED1: Power quality management - Part 3: Power Quality Characteristics Modelling, 03/11/2022

14/1079/CD, IEC 60076-5 ED4: Power transformers - Part 5: Ability to withstand short circuit, 03/11/2022

- 15/956/CDV, IEC 60674-3-4 ED2: Plastic films for electrical purposes - Part 3: Specifications for individual materials - Sheets 4: Polyimide films used for electrical insulation, 03/11/2022
- 18/1758/Q, Revision of IEC/IEEE 80005-1:2019, 01/28/2022
- 21/1133/FDIS, IEC 62660-3 ED2: Secondary lithium-ion cells for the propulsion of electric road vehicles - Part 3: Safety requirements, 01/28/2022
- 21A/785/FDIS, IEC 62619 ED2: Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for secondary lithium cells and batteries, for use in industrial applications, 01/28/2022
- 22F/667/CDV, IEC 60700-3 ED1: Thyristor valves for high voltage direct current (HVDC) power transmission - Part 3: Essential ratings (limiting values) and characteristics, 03/11/2022
- 22F/675/DTR, IEC TR 62001-2 ED2: High-voltage direct current (HVDC) systems - Guidance to the specification and design evaluation of AC filters - Part 2: Harmonic performance aspects, 02/11/2022
- 22F/676/DTR, IEC TR 62001-3 ED2: High-voltage direct current (HVDC) systems - Guidance to the specification and design evaluation of AC filters - Part 3: Modelling aspects, 02/11/2022
- 29/1108(F)/FDIS, IEC 61094-2/AMD1 ED2: Amendment 1 - Electroacoustics - Measurement microphones - Part 2: Primary method for pressure calibration of laboratory standard microphones by the reciprocity technique, 01/14/2022
- 31/1601/CDV, IEC 60079-5/AMD1 ED4: Amendment 1 - Explosive atmospheres - Part 5: Equipment protection by powder filling "q", 03/11/2022
- 34A/2270/CD, IEC 63221 ED1: LED Light sources - Performance requirements, 03/11/2022
- 36/537/CD, IEC 62217 ED3: Polymeric HV insulators for indoor and outdoor use - General definitions, test methods and acceptance criteria, 03/11/2022
- 40/2886A(F)/CDV, IEC 60286-2 ED5: Packaging of components for automatic handling - Part 2: Tape packaging of components with unidirectional leads on continuous tapes, 03/11/2022
- 40/2910/CD, IEC 60115-8 ED3: Fixed resistors for use in electronic equipment - Part 8: Sectional specification - Fixed surface mount resistors, 03/11/2022
- 46F/592(F)/FDIS, IEC 61169-1-5 ED1: Radio frequency connectors - Part 1-5: Electrical test methods - Rise time degradation, 01/14/2022
- 46F/596/FDIS, IEC 61169-68 ED1: Radio-frequency connectors - Part 68: Sectional specification for series TRK bayonet coupling triaxial connectors, 01/28/2022
- 46F/597/FDIS, IEC 63295 ED1: Specification for WB series glass beads with 50 impedance for RF connectors, 01/28/2022
- 46F/598/FDIS, IEC 61169-1-6 ED1: Radio-frequency connectors - Part 1-6: Electrical test methods - RF power, 01/28/2022
- 46F/599/FDIS, IEC 61169-67 ED1: Radio frequency connectors - Part 67: Sectional specification for series TRL threaded triaxial connectors, 01/28/2022
- 46F/601/FDIS, IEC 61169-21 ED1: Radio-frequency connectors - Part 21: Sectional specification for RF connectors with inner diameter of outer conductor 9,5 mm (0,374 in) with screw coupling - Characteristic impedance 50 ohms (Type SC), 01/28/2022
- 46F/604/CD, IEC 61169-10 ED1: Radio-frequency connectors - Part 10: R.F. coaxial connectors with inner diameter of outer conductor 3 mm (0.12 in) with snap-on coupling - Characteristic impedance 50 ohms (Type SMB), 03/11/2022
- 47/2736/CDV, IEC 62951-8 ED1: Semiconductor devices - Flexible and stretchable semiconductor devices - Part 8: Test method for stretchability, flexibility and stability of flexible resistive memory, 03/11/2022
- 47/2737/CDV, IEC 62951-9 ED1: Semiconductor devices - Flexible and stretchable semiconductor devices - Part 9: Performance testing methods of one transistor and one resistor (1T1R) resistive memory cells, 03/11/2022
- 47/2746/FDIS, IEC 60749-28 ED2: Semiconductor devices - Mechanical and climatic test methods - Part 28: Electrostatic discharge (ESD) sensitivity testing - Charged device model (CDM) - device level, 01/28/2022
- 47F/393/CDV, IEC 62047-42 ED1: Semiconductor devices - Micro-electromechanical devices - Part 42: Measurement methods of electro-mechanical conversion characteristics of piezoelectric MEMS cantilever, 03/11/2022
- 48B/2937/CD, IEC 60512-28-100 ED3: Connectors for electrical and electronic equipment - Tests and measurements - Part 28-100: Signal integrity tests up to 2 000 MHz - Tests 28a to 28g, 03/11/2022
- 57/2452/FDIS, IEC 62325-451-8 ED1: Framework for energy market communications - Part 451-8: HVDC processes, contextual and assembly models for European style market, 01/28/2022
- 59M/145/NP, PNW 59M-145 ED1: Test standard for refrigerated appliances for use with distributed renewable energy sources (off grid) or weak grid, 03/11/2022
- 62D/1932/FDIS, ISO 80601-2-13 ED2: Medical electrical equipment - Part 2-13: Particular requirements for basic safety and essential performance of an anaesthetic workstation, 01/28/2022
- 64/2539/CD, IEC 60364-7-711 ED3: Low-voltage electrical installations - Part 7-711: Requirements for special installations or locations - Temporary electrical installations for exhibitions and entertainment related purposes, 03/11/2022
- 65/898(F)/FDIS, IEC 62872-2 ED1: Industrial-process measurement, control and automation - Part 2: Internet of Things (IoT) - Application framework for industrial facility demand response energy management, 01/07/2022
- 65C/1140/CD, IEC 61139-3 ED1: Industrial networks - Single-drop digital communication interface - Part 3: Wireless extensions, 03/11/2022



Newly Published ISO & IEC Standards

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

ISO Standards

Agricultural food products (TC 34)

ISO 23637:2021, Cereals - Determination of cadmium content by graphite furnace atomic absorption spectrometry with diluted nitric acid extraction, \$73.00

Building environment design (TC 205)

ISO 52120-1:2021, Energy performance of buildings - Contribution of building automation, controls and building management - Part 1: General framework and procedures, \$250.00

Cryogenic vessels (TC 220)

ISO 21013-1:2021, Cryogenic vessels - Pressure-relief accessories for cryogenic service - Part 1: Reclosable pressure-relief valves, \$73.00

Dimensional and Geometrical Product Specifications and Verification (TC 213)

ISO 12179:2021, Geometrical product specifications (GPS) - Surface texture: Profile method - Calibration of contact (stylus) instruments, \$149.00

ISO 21920-1:2021, Geometrical product specifications (GPS) - Surface texture: Profile - Part 1: Indication of surface texture, \$200.00

ISO 21920-2:2021, Geometrical product specifications (GPS) - Surface texture: Profile - Part 2: Terms, definitions and surface texture parameters, \$225.00

ISO 21920-3:2021, Geometrical product specifications (GPS) - Surface texture: Profile - Part 3: Specification operators, \$175.00

ISO 25178-2:2021, Geometrical product specifications (GPS) - Surface texture: Areal - Part 2: Terms, definitions and surface texture parameters, \$225.00

Glass in building (TC 160)

ISO 12543-1:2021, Glass in building - Laminated glass and laminated safety glass - Part 1: Vocabulary and description of component parts, \$73.00

ISO 12543-2:2021, Glass in building - Laminated glass and laminated safety glass - Part 2: Laminated safety glass, \$48.00

ISO 12543-3:2021, Glass in building - Laminated glass and laminated safety glass - Part 3: Laminated glass, \$48.00

ISO 12543-4:2021, Glass in building - Laminated glass and laminated safety glass - Part 4: Test methods for durability, \$73.00

ISO 12543-5:2021, Glass in building - Laminated glass and laminated safety glass - Part 5: Dimensions and edge finishing, \$73.00

ISO 12543-6:2021, Glass in building - Laminated glass and laminated safety glass - Part 6: Appearance, \$48.00

Industrial automation systems and integration (TC 184)

ISO 10303-243:2021, Industrial automation systems and integration - Product data representation and exchange - Part 243: Application protocol: For modelling and simulation information in a collaborative systems engineering context (MoSSEC), \$250.00

Information and documentation (TC 46)

ISO 18626:2021, Information and documentation - Interlibrary loan transactions, \$200.00

Lifts, escalators, passenger conveyors (TC 178)

ISO 8100-34:2021, Lifts for the transport of persons and goods - Part 34: Measurement of lift ride quality, \$111.00

Mining (TC 82)

ISO 23872:2021, Mining structures - Underground structures, \$200.00

Nickel and nickel alloys (TC 155)

ISO 11400:2021, Nickel, ferronickels and nickel alloys - Determination of phosphorus content - Phosphovanadomolybdate spectrophotometric method, \$73.00

Nuclear energy (TC 85)

ISO 21909-2:2021, Passive neutron dosimetry systems - Part 2: Methodology and criteria for the qualification of personal dosimetry systems in workplaces, \$175.00

Other

IWA 38:2021, Requirements and recommendations for the construction of emergency medical facilities, \$111.00

Personal safety - Protective clothing and equipment (TC 94)

[ISO 20345:2021](#), Personal protective equipment - Safety footwear, \$200.00

[ISO 20346:2021](#), Personal protective equipment - Protective footwear, \$200.00

[ISO 20347:2021](#), Personal protective equipment - Occupational footwear, \$200.00

Plain bearings (TC 123)

[ISO 7905-2:2021](#), Plain bearings - Bearing fatigue - Part 2: Test with a cylindrical specimen of a metallic bearing material, \$48.00

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

[ISO 3501:2021](#), Plastics piping systems - Mechanical joints between fittings and pressure pipes - Test method for resistance to pull-out under constant longitudinal force, \$48.00

Refrigeration (TC 86)

[ISO 22044:2021](#), Commercial beverage coolers - Classification, requirements and test conditions, \$225.00

Sieves, sieving and other sizing methods (TC 24)

[ISO 13322-2:2021](#), Particle size analysis - Image analysis methods - Part 2: Dynamic image analysis methods, \$225.00

Steel (TC 17)

[ISO 2566-1:2021](#), Steel - Conversion of elongation values - Part 1: Carbon and low-alloy steels, \$175.00

[ISO 2566-2:2021](#), Steel - Conversion of elongation values - Part 2: Austenitic steels, \$175.00

Textiles (TC 38)

[ISO 24180:2021](#), Textiles - Synthetic filament yarns - Electrostatic propensity evaluation by measuring electrical resistance, \$73.00

Thermal insulation (TC 163)

[ISO 17738-1:2021](#), Thermal insulation products - Exterior insulation finish systems - Part 1: Materials, \$225.00

ISO Technical Reports**Building environment design (TC 205)**

[ISO/TR 52120-2:2021](#), Energy performance of buildings - Contribution of building automation, controls and building management - Part 2: Explanation and justification of ISO 52120-1, \$200.00

Road vehicles (TC 22)

[ISO/TR 19222:2021](#), Road vehicles - Injury risk curves for the THOR dummy, \$250.00

ISO Technical Specifications**Earth-moving machinery (TC 127)**

[ISO/TS 19014-5:2021](#), Earth-moving machinery - Functional safety - Part 5: Tables of performance levels, \$250.00

Packaging (TC 122)

[ISO/TS 22984:2021](#), Transport packaging - Cleaning and sanitation methods of reusable transport items for distribution purpose, \$73.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 9594-2:2020/Amd 1:2021](#), Information technology - Open systems interconnection - Part 2: The Directory: Models - Amendment 1, \$20.00

[ISO/IEC 9594-8:2020/Cor 1:2021](#), Information technology - Open systems interconnection - Part 8: The Directory: Public-key and attribute certificate frameworks - Technical Corrigendum 1, FREE

[ISO/IEC 15961-1:2021](#), Information technology - Data protocol for radio frequency identification (RFID) for item management - Part 1: Application interface, \$250.00

[ISO/IEC 19785-2:2021](#), Information technology - Common Biometric Exchange Formats Framework - Part 2: Biometric registration authority, \$48.00

[ISO/IEC 21794-3:2021](#), Information technology - Plenoptic image coding system (JPEG Pleno) - Part 3: Conformance testing, \$111.00

[ISO/IEC 23003-3:2020/Amd 1:2021](#), Information technology - MPEG audio technologies - Part 3: Unified speech and audio coding - Amendment 1: Reference software and conformance, \$20.00

[ISO/IEC 23000-22:2019/Amd 2:2021](#), Information technology - Multimedia application format (MPEG-A) - Part 22: Multi-image application format (MIAF) - Amendment 2: HEVC Advanced HDR profile and other clarifications, \$20.00

[ISO/IEC 23008-10:2015/Amd 1:2021](#), Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 10: MPEG media transport forward error correction (FEC) codes - Amendment 1: Window-based FEC code, \$20.00

[ISO/IEC/IEEE 8802-1X:2021](#), Telecommunications and exchange between information technology systems - Requirements for local and metropolitan area networks - Part 1X: Port-based network access control, \$250.00

[ISO/IEC/IEEE 8802-3:2021/Amd 9:2021](#), Telecommunications and exchange between information technology systems - Requirements for local and metropolitan area networks - Part 3: Standard for Ethernet - Amendment 9: Physical layer specifications and management parameters for 25 Gb/s and 50 Gb/s passive optical networks, \$250.00

[ISO/IEC/IEEE 8802-3:2021/Amd 5:2021](#), Telecommunications and exchange between information technology systems - Requirements for local and metropolitan area networks - Part 3: Standard for Ethernet - Amendment 5: Physical layers specifications and management parameters for 10 Mb/s operation and associated power delivery over a single balanced pair of conductors, \$250.00

Other

[ISO/IEC TS 17021-13:2021](#), Conformity assessment - Requirements for bodies providing audit and certification of management systems - Part 13: Competence requirements for auditing and certification of compliance management systems, \$48.00

IEC Standards

Electric cables (TC 20)

[IEC 60230 Amd.1 Ed. 2.0 b:2021](#), Amendment 1 - Impulse tests on cables and their accessories, \$13.00

[IEC 60230 Ed. 2.1 b:2021](#), Impulse tests on cables and their accessories, \$133.00

Electric traction equipment (TC 9)

[IEC 62499 Ed. 2.0 b:2021](#), Railway applications - Current collection systems - Pantographs, testing methods for contact strips, \$259.00

Electrical equipment in medical practice (TC 62)

[IEC 81001-5-1 Ed. 1.0 b:2021](#), Health software and health IT systems safety, effectiveness and security - Part 5-1: Security - Activities in the product life cycle, \$354.00

Industrial-process measurement and control (TC 65)

[IEC 60534-4 Ed. 4.0 b:2021](#), Industrial-process control valves - Part 4: Inspection and routine testing, \$183.00

[S+ IEC 60534-4 Ed. 4.0 en:2021 \(Redline version\)](#), Industrial-process control valves - Part 4: Inspection and routine testing, \$239.00

Magnetic components and ferrite materials (TC 51)

[IEC 63182-3 Ed. 1.0 b:2021](#), Magnetic powder cores - Guidelines on dimensions and the limits of surface irregularities - Part 3: E-cores, \$89.00

Maritime navigation and radiocommunication equipment and systems (TC 80)

[IEC 62288 Ed. 3.0 b:2021](#), Maritime navigation and radiocommunication equipment and systems - Presentation of navigation-related information on shipborne navigational displays - General requirements, methods of testing and required test results, \$443.00

[IEC 62288 Ed. 3.0 en:2021 CMV](#), Maritime navigation and radiocommunication equipment and systems - Presentation of navigation-related information on shipborne navigational displays - General requirements, methods of testing and required test results, \$753.00

[IEC 61097-2 Ed. 4.0 en Cor.1:2021](#), Corrigendum 1 - Global maritime distress and safety system (GMDSS) - Part 2: Cospas-Sarsat EPIRB - Emergency position indicating radio beacon operating on 406 MHz - Operational and performance requirements, methods of testing and required test results, \$0.00

Other

[CISPR 25 Ed. 5.0 b:2021](#), Vehicles, boats and internal combustion engines - Radio disturbance characteristics - Limits and methods of measurement for the protection of on-board receivers, \$443.00

Secondary cells and batteries (TC 21)

[IEC 62133-2 Amd.1 Ed. 1.0 b Cor.1:2021](#), Corrigendum 1 - Amendment 1 - Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for portable sealed secondary cells, and for batteries made from them, for use in portable applications - Part 2: Lithium systems, \$0.00

Switchgear and controlgear (TC 17)

[IEC 62271-100 Ed. 3.0 b Cor.1:2021](#), Corrigendum 1 - High-voltage switchgear and controlgear - Part 100: Alternating-current circuit-breakers, \$0.00

Wearable electronic devices and technologies (TC 124)

[IEC 63203-406-1 Ed. 1.0 b:2021](#), Wearable electronic devices and technologies - Part 406-1: Test method for measuring surface temperature of wrist-worn wearable electronic devices while in contact with human skin, \$89.00

IEC Technical Reports

Power system control and associated communications (TC 57)

[IEC/TR 61850-7-510 Ed. 2.0 en:2021](#), Communication networks and systems for power utility automation - Part 7-510: Basic communication structure - Hydroelectric power plants, steam and gas turbines - Modelling concepts and guidelines, \$443.00

IEC Technical Specifications

Solar photovoltaic energy systems (TC 82)

[IEC/TS 63202-2 Ed. 1.0 en:2021](#), Photovoltaic cells - Part 2:
Electroluminescence imaging of crystalline silicon solar cells,
\$133.00

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 29/SC 9 - Tools with Defined Cutting Edges, Holding Tools, Cutting Items, Adaptive Items and Interfaces

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 29/SC 9 – *Tools with defined cutting edges, holding tools, cutting items, adaptive items and interfaces* and therefore ANSI is not a member of this committee. The Secretariat for the committee is held by Germany (DIN).

ISO/TC 29/SC 9 operates under the following scope:

Tools with defined cutting edges, cutting items having functional dimensions linked with cutting edges

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

ISO New Work Item Proposal

Driver Training - Intelligent Training System for Vehicle Driving

Comment Deadline: December 31, 2021

SAC, the ISO member body for China, has submitted to ISO a new work item proposal for the development of an ISO standard on *Driver training — Intelligent training system for vehicle driving*, with the following scope statement:

The document specifies the terms and definitions, requirements (including the function requirements and performance requirements), test methods, packaging, transportation and storage of the intelligent training system for vehicle driving, not including the equipments of this system. This document is applicable to the design, development and delivery of the intelligent training system for vehicle driving.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, December 31, 2021.

Registration of Organization Names in the United States

The Procedures for Registration of Organization Names in the United States of America (document ISSB 989) require that alphanumeric organization names be subject to a 90-day Public Review period prior to registration. For further information, please contact the Registration Coordinator at (212) 642-4975.

When organization names are submitted to ANSI for registration, they will be listed here alphanumerically.

Alphanumeric names appearing for the first time are printed in bold type. Names with confidential contact information, as requested by the organization, list only public review dates.

Public Review

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

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

Proposed Foreign Government Regulations

Call for Comment

U.S. manufacturers, exporters, regulatory agencies and standards developing organizations may be interested in proposed foreign technical regulations notified by Member countries of the World Trade Organization (WTO). In accordance with the WTO Agreement on Technical Barriers to Trade (TBT Agreement), Members are required to notify proposed technical regulations that may significantly affect trade to the WTO Secretariat in Geneva, Switzerland. In turn, the Secretariat issues and makes available these notifications. The purpose of the notification requirement is to provide global trading partners with an opportunity to review and comment on the regulations before they become final.

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

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

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

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[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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5 Physical and performance requirements

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5.6 Monitoring

Plastic piping system components and related materials shall be ~~tested~~ **monitored**, at a minimum of once annually, to ensure compliance with the applicable physical and performance standards referenced in Section 2 of this Standard. Cell classification ~~testing~~ **monitoring** by compound suppliers shall satisfy the requirements for purchased compounds or in-plant compounds that are dependent formulation transfers.

Rationale: the word “monitoring” is ambiguous and this change harmonizes the standard’s language.

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7 Requirements for potable water plastic piping system components and related materials

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7.4 Monitoring

In addition to the physical and performance monitoring requirements specified in Section 5.6, plastic piping system components and related materials intended for potable water shall be ~~tested~~ **monitored** annually to ensure compliance with NSF/ANSI/CAN 61, except as permitted in Section 9.8 for solvent cements and primers. PVC and CPVC pipe, tubing, fittings, and appurtenances intended for potable water shall also be tested a minimum of three times annually for RVCM. Appurtenances produced using a material or compound that is also being used to produce fittings subject to these requirements shall not require separate ~~testing~~ **monitoring** for RVCM. RVCM in PVC and CPVC potable water piping products shall not exceed 3.2 mg/kg.

Rationale: the word “monitoring” is ambiguous and this change harmonizes the standard’s language.

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8 Marking requirements

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8.2.2 Material cell class designation

Material cell class designation shall be permitted to be marked on pipe. Where the cell class designation marked on pipe exceed the minimum cell class required in the referenced Standard, annual ~~testing~~ ~~monitoring~~ shall be required for compliance with the cell class designation marked on the pipe.

Rationale: the word "monitoring" is ambiguous and this change harmonizes the standard's language.

8.3 Fittings and appurtenances

8.3.1 Designations and identification

The manufacturer shall place on all plastic fittings and appurtenances the designations and identifications required in the applicable Standards as referenced in Section 2 of this Standard. The fittings and appurtenances shall also bear an appropriate code identifying the mold and cavity used. In instances where the manufacturer has more than one plant location or produces for other suppliers or distributors, an identifying symbol shall be used.

8.3.2 Material cell class designation

Material cell class designation shall be permitted to be marked on fittings and appurtenances. Where the cell class designation marked on fittings and appurtenances exceed the minimum cell class required in the referenced Standard, annual ~~testing~~ ~~monitoring~~ shall be required for compliance with the cell class designation marked on the fittings and appurtenances.

Rationale: the word "monitoring" is ambiguous and this change harmonizes the standard's language.

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BSR/RESNET/ICC 380-202x

Draft PDS-03 changes to Draft PDS-02

Modify definitions as follows:

Conditioned Space Volume (CSV)⁶ – The volume within a building or Dwelling Unit serviced by a space heating or cooling system designed to maintain space conditions at 78°F (26°C) for cooling and 68°F (20°C) for heating. The following specific spaces are addressed to ensure consistent application of this definition:

- If the volume both above and below a floor assembly meets this definition and is part of the subject Dwelling Unit, then the CSV shall include the volume of the full depth of the floor assembly. Otherwise, the volume of the full depth of the floor assembly shall be excluded.

Exception: The wall height used to determine the volume of the volume shall extend from the finished floor to the bottom surface of the floor decking above the subject Dwelling Unit for all floors other than the top-floor level. For Dwelling Units on the top floor, this dimension shall extend from the top surface of the finished floor to the interior surface of the enclosure air barrier.

- If the volume of at least one of the spaces horizontally adjacent to a wall assembly meets this definition and that volume is part of the subject Dwelling Unit, CSV shall include the ~~then the~~ volume of the full width of the wall assembly. Otherwise, the volume of the full width of the wall assembly shall be excluded.

Exception: If the subject Dwelling Unit shares a wall assembly⁷ with another Dwelling Unit, then the CSV of the subject Dwelling Unit shall include half the volume of the full width of that shared wall assembly.

- The CSV shall exclude the volume of a garage even when it is conditioned.
- The CSV shall exclude the volume of a thermally isolated sunroom.
- The CSV shall include the volume of an Attic, crawlspace, or a basement only if it is contiguous with and dedicated⁸ to the subject Dwelling Unit and the party conducting evaluations has either:
 - Obtained an ACCA Manual J, S, and either B or D report and verified that both the heating and cooling equipment and distribution system are designed to offset the entire design load of the volume; or
 - Verified through visual inspection that both the heating and cooling equipment and distribution system serve the volume and, in the judgment of the party conducting evaluations, are capable of maintaining space conditions at 78°F (26°C) for cooling and 68°F (20°C) for heating.
- The CSV shall include the volume of an adjacent mechanical closet, regardless of access location, only if it is contiguous with and dedicated^{Error! Bookmark not defined.} to the subject Dwelling Unit, only includes equipment serving the subject Dwelling Unit, and the party conducting evaluations has either:

- Obtained an ACCA Manual J, S, and either B or D report and verified that both the heating and cooling equipment and distribution system are designed to offset the entire design load of the volume; or
- Verified through visual inspection that both the heating and cooling equipment and distribution system serve the volume and, in the judgment of the party conducting evaluations, are capable of maintaining space conditions at 78°F (26°C) for cooling and 68°F (20°C) for heating.

Infiltration Volume¹¹ – The sum of the Conditioned Space Volume following spaces of the subject Dwelling Unit⁷:

- The Conditioned Space Volume, excluding any Attics, basements, crawlspaces, and adjacent mechanical closets.
- and plus †The Conditioned Space Volume and Unconditioned Space Volume of the following adjacent spaces if included¹² during the airtightness measurement of the enclosure: Attics, crawlspaces and the full depth of their floor assemblies above, basements and the full depth of their floor assemblies above, and adjacent mechanical closets and the full width of their wall assemblies between them and the subject Dwelling Unit.

Unconditioned Space Volume¹⁴ – The volume within a building or Dwelling Unit that is not Conditioned Space Volume but which contains heat sources or sinks that influence the temperature of the area or room. The following specific spaces are addressed to ensure consistent application of this definition for inclusion in Unconditioned Space Volume:

- If either one or both of the volumes above and below a floor assembly is Unconditioned Space Volume, then the volume of the full depth of the floor assembly shall be included.
- If the volume of both of the spaces horizontally adjacent to a wall assembly are Unconditioned Space Volume, then the volume of the full width of the wall assembly shall be included.

Exception: If the volume of one of the spaces horizontally adjacent to a wall assembly is a Dwelling Unit other than the subject Dwelling Unit, then the volume of the full width of that wall assembly shall be evenly divided between both adjacent Dwelling Units.

- The volume of an attached garage shall be included even when it is conditioned.
- The volume of a thermally isolated sunroom shall be included.
- The volume of an Attic, a crawlspace, or a basement shall be included unless it meets the definition of Conditioned Space Volume.

⁶ (Informative Note) Informative Annex A has a table that summarizes parts of a Dwelling Unit that are included in Conditioned Space Volume.

⁷ (Informative Note) For example, a common or demising wall.

⁸ (Informative Note) That is, it does not span multiple Dwelling Units undivided.

¹¹ (Informative Note) Informative Annex A has a table that summarizes parts of a Dwelling Unit that are included in Infiltration Volume.

¹² (Informative Note) Sections 4.2.4, 4.2.5, 4.2.6, and 4.2.7 define whether these adjacent spaces are to be included in Infiltration Volume.

¹⁴ (Informative Note) Informative Annex A has a table that summarizes parts of a Dwelling Unit that are included in Unconditioned Space Volume.

Modify Section 4.2 as follows:

- 4.2.4.1.** If an Attic is contiguous with and dedicated¹⁸ to the subject Dwelling Unit and is either: a) Conditioned Space Volume or b) Unconditioned Space Volume ~~that is,~~ unvented, ~~and its with~~ roof deck and ~~all~~ exterior walls ~~are~~ both insulated and air-sealed; then any exterior Attic access doors, hatches, and vents shall be closed to the extent possible. The pressure difference between the Attic and subject Dwelling Unit shall be evaluated during the airtightness test, per Section 4.4.1.3 (one-point airtightness test) or 4.4.2.3 (multi-point airtightness test), to determine whether to include the Attic in the Infiltration Volume.
- 4.2.5.1.** If a crawlspace is contiguous with and dedicated^{Error! Bookmark not defined.} to the subject Dwelling Unit and is either: a) Conditioned Space Volume or b) Unconditioned Space Volume, ~~that is~~ unvented, ~~and its with all~~ exterior walls ~~are~~ both insulated and air-sealed; then any exterior crawlspace access doors, hatches, and vents shall be closed to the extent possible. The pressure difference between the crawlspace and subject Dwelling Unit shall be evaluated during the airtightness test, per Section 4.4.1.3 (one-point airtightness test) or 4.4.2.3 (multi-point airtightness test), to determine whether to include the crawlspace and full depth of its floor assembly above in the Infiltration Volume
- 4.2.6.1.** If a basement is contiguous with and dedicated^{Error! Bookmark not defined.} to the subject Dwelling Unit and is either: a) Conditioned Space Volume or b) Unconditioned Space Volume, ~~that is~~ unvented, ~~and its with all~~ exterior walls ~~are~~ both insulated and air-sealed; then any exterior basement access doors, hatches, and vents shall be closed to the extent possible. The pressure difference between the basement and subject Dwelling Unit shall be evaluated during the airtightness test, per Section 4.4.1.3 (one-point airtightness test) or 4.4.2.3 (multi-point airtightness test), to determine whether to include the basement and full depth of its floor assembly above in the Infiltration Volume.
- 4.2.6.2.** If a basement is contiguous with and dedicated^{Error! Bookmark not defined.} to the subject Dwelling Unit and is Unconditioned Space Volume, ~~that is~~ unvented, ~~and with~~ no insulation ~~is~~ present in either its exterior walls or floor assembly above; then the basement and full depth of its floor assembly above are permitted to be either included or excluded from the Infiltration Volume, dependent on its configuration during the airtightness test. If it is to be excluded, then it shall be configured according to Section 4.2.6. If it is to be included, then any exterior basement access doors, hatches, and vents shall be closed to the extent possible, and the pressure difference between the basement and subject Dwelling Unit shall be evaluated during the airtightness test, per Section 4.4.1.3 (one-point airtightness test) or 4.4.2.3 (multi-point airtightness test), to determine whether to include the basement and full depth of its floor assembly above in the Infiltration Volume
- 4.2.7.1.** If an adjacent mechanical closet is contiguous with and dedicated^{Error! Bookmark not defined.} to the subject Dwelling Unit, only includes equipment serving the Dwelling Unit, and is either: a) Conditioned Space Volume or b) Unconditioned Space Volume, ~~that is~~ unvented, ~~and with~~ the wall assembly between it and the subject Dwelling Unit ~~is~~ not air-sealed; then any exterior mechanical closet access doors,

hatches, and vents shall be closed to the extent possible. The pressure difference between the mechanical closet and subject Dwelling Unit shall be evaluated during the airtightness test, per Section 4.4.1.3 (one-point airtightness test) or 4.4.2.3 (multi-point airtightness test), to determine whether to include the mechanical closet and full width of the wall assembly between it and the subject Dwelling Unit in the Infiltration Volume.

4.2.13. Openings for Ventilation, ~~combustion air and make-up air.~~

¹⁸(Informative Note) That is, it does not span multiple Dwelling Units undivided.

Modify Section 5.2 as follows:

5.2.6.4. Openings for ~~All balancing dampers shall be left in their as found position.~~

5.2.7. Openings for Ventilation air within the duct system shall be treated ~~as follows~~ in accordance with Sections 5.2.7.1 through 5.2.7.4:

Exception: If the test is being conducted for a purpose other than to complete an Energy Rating Index Energy Rating in accordance with ANSI / RESNET / ICC 301⁵⁵ and the authority having jurisdiction allows openings for ventilation air to not have a damper, then such openings are permitted to be sealed for the duration of the test.

⁵⁵ (Informative Note) For example, if the test is to comply with the prescriptive compliance option of a code.

BSR/UL 231, Standard for Safety for Power Outlets

1. Inclusion of Requirements for Metallic Mounting Posts and Pedestals in Section 7.1

7 Mounting Posts and Pedestals

7.1 General

7.1.1 A metallic mounting post or pedestal shall not be less than 12 square inches (77 cm²) in cross section and 2-1/2 inches (63.5 mm) deep, and at least three sides shall be fabricated of galvanized or stainless steel no less than 0.070 inch (1.8 mm) thick, or of aluminum no less than 0.095 inch (2.41 mm) thick.

Exception No. 1: The enclosure may be less than 2-1/2 inches deep, less than 12 square inches in cross-sectional area, or less than 0.070 inch thick steel, if the mounting post or pedestal is tested in accordance with 29.1 – 29.3 and 30.1 – 30.3, and if it is fabricated of galvanized steel not less than 0.056 inch (1.42 mm) thick or of a non-metallic material.

Exception No. 2: The enclosure may be less than 2-1/2 inches deep, less than 12 square inches in cross sectional area, or less than 0.095 inch thick aluminum, if the mounting post or pedestal is tested in accordance with 29.1 – 29.3 and 30.1 – 30.3, and if it is fabricated of aluminum not less than 0.075 inches (1.9 mm) thick.

7.1.3 That portion of a steel post located below grade level and up to 12 inches (305 mm) above grade level shall be painted on both the inside and outside surfaces in addition to being stainless or galvanized– Designation G90 or equivalent as covered in the Standard for Enclosures for Electrical Equipment, Environmental Considerations, UL 50E.

Exception: Painting is not required on austenitic stainless steel designated as American Iron and Steel Institute (AISI) Type 302, 303, 304, 305, 309, or 316.

7.1.4 Aluminum in a pedestal shall not be in contact with the concrete mounting pad unless a coating is used to separate the aluminum from the concrete pad. The coating shall be tested to demonstrate resistance to corrosion that has been determined to be equivalent to that of galvanized (G90 zinc coating) steel 0.061 inch (1.55 mm) thick.

7.1.5 No aluminum part of a mounting post shall extend below a level 12 inches (305 mm) above the marked grade level.

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7.8 Pedestal

7.8.1 A mounting pedestal shall have mounting holes or similar provision in the base for securing the pedestal to a concrete slab. ~~Aluminum in a pedestal enclosure shall not be in contact with the concrete mounting pad. A metallic or nonmetallic coating used to separate aluminum from a concrete pad shall be tested to demonstrate resistance to corrosion that has been determined to be equivalent to that of galvanized (G90 zinc coating) steel 0.061 inch (1.55 mm) thick.~~

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

ISSUE	SUBMIT START	*SUBMIT END 5 PM	SA PUBLISHED	30-DAY PR END	45-DAY PR END	60-DAY PR END
1	12/21/2021	12/27/2021	Jan 7	2/6/2022	2/21/2022	3/8/2022
2	12/28/2021	1/3/2022	Jan 14	2/13/2022	2/28/2022	3/15/2022
3	1/4/2022	1/10/2022	Jan 21	2/20/2022	3/7/2022	3/22/2022
4	1/11/2022	1/17/2022	Jan 28	2/27/2022	3/14/2022	3/29/2022
5	1/18/2022	1/24/2022	Feb 4	3/6/2022	3/21/2022	4/5/2022
6	1/25/2022	1/31/2022	Feb 11	3/13/2022	3/28/2022	4/12/2022
7	2/1/2022	2/7/2022	Feb 18	3/20/2022	4/4/2022	4/19/2022
8	2/8/2022	2/14/2022	Feb 25	3/27/2022	4/11/2022	4/26/2022
9	2/15/2022	2/21/2022	Mar 4	4/3/2022	4/18/2022	5/3/2022
10	2/22/2022	2/28/2022	Mar 11	4/10/2022	4/25/2022	5/10/2022
11	3/1/2022	3/7/2022	Mar 18	4/17/2022	5/2/2022	5/17/2022
12	3/8/2022	3/14/2022	Mar 25	4/24/2022	5/9/2022	5/24/2022
13	3/15/2022	3/21/2022	Apr 1	5/1/2022	5/16/2022	5/31/2022
14	3/22/2022	3/28/2022	Apr 8	5/8/2022	5/23/2022	6/7/2022
15	3/29/2022	4/4/2022	Apr 15	5/15/2022	5/30/2022	6/14/2022
16	4/5/2022	4/11/2022	Apr 22	5/22/2022	6/6/2022	6/21/2022
17	4/12/2022	4/18/2022	Apr 29	5/29/2022	6/13/2022	6/28/2022
18	4/19/2022	4/25/2022	May 6	6/5/2022	6/20/2022	7/5/2022
19	4/26/2022	5/2/2022	May 13	6/12/2022	6/27/2022	7/12/2022
20	5/3/2022	5/9/2022	May 20	6/19/2022	7/4/2022	7/19/2022
21	5/10/2022	5/16/2022	May 27	6/26/2022	7/11/2022	7/26/2022
22	5/17/2022	5/23/2022	Jun 3	7/3/2022	7/18/2022	8/2/2022
23	5/24/2022	5/30/2022	Jun 10	7/10/2022	7/25/2022	8/9/2022
24	5/31/2022	6/6/2022	Jun 17	7/17/2022	8/1/2022	8/16/2022
25	6/7/2022	6/13/2022	Jun 24	7/24/2022	8/8/2022	8/23/2022
26	6/14/2022	6/20/2022	Jul 1	7/31/2022	8/15/2022	8/30/2022
27	6/21/2022	6/27/2022	Jul 8	8/7/2022	8/22/2022	9/6/2022
28	6/28/2022	7/4/2022	Jul 15	8/14/2022	8/29/2022	9/13/2022
29	7/5/2022	7/11/2022	Jul 22	8/21/2022	9/5/2022	9/20/2022



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30	7/12/2022	7/18/2022	Jul 29	8/28/2022	9/12/2022	9/27/2022
31	7/19/2022	7/25/2022	Aug 5	9/4/2022	9/19/2022	10/4/2022
32	7/26/2022	8/1/2022	Aug 12	9/11/2022	9/26/2022	10/11/2022
33	8/2/2022	8/8/2022	Aug 19	9/18/2022	10/3/2022	10/18/2022
34	8/9/2022	8/15/2022	Aug 26	9/25/2022	10/10/2022	10/25/2022
35	8/16/2022	8/22/2022	Sep 2	10/2/2022	10/17/2022	11/1/2022
36	8/23/2022	8/29/2022	Sep 9	10/9/2022	10/24/2022	11/8/2022
37	8/30/2022	9/5/2022	Sep 16	10/16/2022	10/31/2022	11/15/2022
38	9/6/2022	9/12/2022	Sep 23	10/23/2022	11/7/2022	11/22/2022
39	9/13/2022	9/19/2022	Sep 30	10/30/2022	11/14/2022	11/29/2022
40	9/20/2022	9/26/2022	Oct 7	11/6/2022	11/21/2022	12/6/2022
41	9/27/2022	10/3/2022	Oct 14	11/13/2022	11/28/2022	12/13/2022
42	10/4/2022	10/10/2022	Oct 21	11/20/2022	12/5/2022	12/20/2022
43	10/11/2022	10/17/2022	Oct 28	11/27/2022	12/12/2022	12/27/2022
44	10/18/2022	10/24/2022	Nov 4	12/4/2022	12/19/2022	1/3/2023
45	10/25/2022	10/31/2022	Nov 11	12/11/2022	12/26/2022	1/10/2023
46	11/1/2022	11/7/2022	Nov 18	12/18/2022	1/2/2023	1/17/2023
47	11/8/2022	11/14/2022	Nov 25	12/25/2022	1/9/2023	1/24/2023
48	11/15/2022	11/21/2022	Dec 2	1/1/2023	1/16/2023	1/31/2023
49	11/22/2022	11/28/2022	Dec 9	1/8/2023	1/23/2023	2/7/2023
50	11/29/2022	12/5/2022	Dec 16	1/15/2023	1/30/2023	2/14/2023
51	12/6/2022	12/12/2022	Dec 23	1/22/2023	2/6/2023	2/21/2023
52	12/13/2022	12/19/2022	Dec 30	1/29/2023	2/13/2023	2/28/2023