ANSI STANDARDS ACTION

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CONTENTS

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Project Initiation Notification System (PINS)

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

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

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

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 www.aami.org
Contact: Cliff Bernier; cbernier@aami.org

New National Adoption

BSR/AAMI/ISO 5840-1-202x, Cardiovascular implants - Cardiac valve prostheses - Part 1: General requirements (identical national adoption of ISO 5840-1:2020 and revision of ANSI/AAMI/ISO 5840-1-2015)

Stakeholders: Manufacturers, regulators, and users of heart valve substitutes.
Project Need: Provides manufacturers, regulators, and users with general requirements to ensure safety and performance of heart valve substitutes.
Scope: Applicable to heart valve substitutes intended for implantation and provides general requirements. Subsequent parts of the ISO 5840 series provide specific requirements. Applicable to newly developed and modified heart valve substitutes and to the accessory devices, packaging, and labelling required for their implantation and for determining the appropriate size of the heart valve substitute to be implanted.

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 www.aami.org
Contact: Cliff Bernier; cbernier@aami.org

New National Adoption

BSR/AAMI/ISO 5840-2-202x, Cardiovascular implants - Cardiac valve prostheses - Part 2: Surgically implanted heart valve substitutes (identical national adoption of ISO 5840-2:2020 and revision of ANSI/AAMI/ISO 5840-2-2015)

Stakeholders: Manufacturers, regulators, and users of surgically implanted heart valve substitutes.
Project Need: Provides manufacturers, regulators, and users with requirements to ensure safety and performance of surgically implanted heart valve substitutes.
Scope: Applicable to heart valve substitutes intended for implantation in human hearts, generally requiring cardiopulmonary bypass and generally with direct visualization. Applicable to both newly developed and modified surgical heart valve substitutes and to the accessory devices, packaging, and labelling required for their implantation and for determining the appropriate size of the surgical heart valve substitute to be implanted.

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 www.aami.org
Contact: Cliff Bernier; cbernier@aami.org

New National Adoption

BSR/AAMI/ISO 5840-3-202x, Cardiovascular implants - Cardiac valve prostheses - Part 3: Heart valve substitutes implanted by transcatheter techniques (national adoption of ISO 5840-3:2020 with modifications and revision of ANSI/AAMI/ISO 5840-3-2012)

Stakeholders: Manufacturers, regulators, and users of heart valve substitutes implanted by transcatheter techniques.
Project Need: Provides manufacturers, regulators, and users with requirements to ensure safety and performance of heart valve substitutes implanted by transcatheter techniques.
Scope: Applicable to all devices intended for implantation as a transcatheter heart valve substitute. Applicable to transcatheter heart valve substitutes and to the accessory devices, packaging and labelling required for their implantation and for determining the appropriate size of heart valve substitute to be implanted.

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 www.aami.org
Contact: Cliff Bernier; cbernier@aami.org

New National Adoption

BSR/AAMI/ISO 25539-2-202x, Cardiovascular implants - Endovascular devices - Part 2: Vascular stents (identical national adoption of ISO 25539-2:2020, Cardiovascular implants-Endovascular devices-Part 2:Vascular stents and revision of ANSI/AAMI/ISO 25539-2-2012)

Stakeholders: Medical device manufacturers, users, and regulators.
Project Need: Project needed to provide minimum requirements for vascular stents.
Scope: Specifies requirements for the evaluation of stent systems (vascular stents and delivery systems) and requirements with respect to nomenclature, design attributes, and information supplied by the manufacturer, based upon current medical knowledge. Guidance for the development of in vitro test methods is included in Annex D.

ABYC (American Boat and Yacht Council)

613 Third Street, Suite 10, Annapolis, MD 21403 www.abycinc.org
Contact: Sara Moulton; smoulton@abycinc.org

Revision

BSR/ABYC H-28-202x, Inflatable Boats (revision of ANSI/ABYC H-28-2016)

Stakeholders: Surveyors, consumers, insurance personnel, boat manufacturers, engine manufacturers, accessory manufacturers, government, service specialists, and trade associations.
Project Need: This standard addresses the design, construction, material, and testing of inflatable boats, including rigid inflatable boats.
Scope: This standard applies to all inflatable boats, including rigid inflatable boats, less than 8 meters (26 ft) length overall capable of being mechanically powered.

ABYC (American Boat and Yacht Council)

613 Third Street, Suite 10, Annapolis, MD 21403 www.abycinc.org
Contact: Sara Moulton; smoulton@abycinc.org

Revision

BSR/ABYC S-8-202x, Boat Measurement and Weight (revision of ANSI/ABYC S-8-2016)

Stakeholders: Surveyors, consumers, insurance personnel, boat manufacturers, engine manufacturers, accessory manufacturers, government, service specialists, and trade associations.
Project Need: Establishes uniformity in describing boat dimensions and weight specifications.
Scope: This industry conformity standard applies to all boats and establishes uniformity in describing boat dimensions and weight specifications.

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

Revision

BSR X9.24-1-202X, Retail Financial Services Symmetric Key Management - Part 1: Using Symmetric Techniques (revision of ANSI X9.24-1-2020)

Stakeholders: SCD vendors, transaction processing hosts, key loading facilities, networks, PCI SSC.
Project Need: Updates and modifications are needed to address changes in the industry. Address reference to specific sections in ISO 13491 that were reversed in the most recently published version of that document. Minimally Controlled Environment and Controlled Environment sections have been swapped in the current version of the ISO document, and the reference to it in X9.24-1 is dated, so that it applies to this specific version.
Scope: This key management standard, utilized in conjunction with the National Institute for Standards and Technology Triple Data Encryption Algorithm (TDEA) and the Advanced Encryption Standard (AES), is used to manage symmetric keys that can be used to protect messages and other sensitive information in a financial services environment. The security and reliability of any process based on AES or the TDEA is directly dependent on the protection afforded to secret parameters called cryptographic keys. This standard establishes requirements and guidelines for the secure management and application-level interoperability of keying operations. Such keys could be used for authenticating messages, for encrypting Personal Identification Numbers (PIN) , for encrypting other data, for encrypting other keys, or for other purposes.

CTA (Consumer Technology Association)

1919 South Eads Street, Arlington, VA 22202 www.cta.tech
Contact: Veronica Lancaster; vlancaster@cta.tech

Revision

BSR/CTA 2084-A-202x, Test Methods for Determining A/V Products Energy Efficiency (revision and redesignation of BSR/CTA 2084-202x)

Stakeholders: Consumers, manufacturers, and retailers.
Project Need: To define methods for measuring Audio Video (A/V) products' energy efficiency and related items.
Scope: CTA 2084 defines methods for measuring Audio Video (A/V) products' energy efficiency and related items. This document is being modified to add in aspects related to standalone amplifiers.

EOS/ESD (ESD Association, Inc.)

7900 Turin Rd., Bldg. 3, Rome, NY 13440 www.esda.org
Contact: Christina Earl; cearl@esda.org

Revision

BSR/ESD S8.1-202x, ESD Association Standard for the Protection of Electrostatic Discharge Susceptible Items - Symbols - ESD Awareness (revision of ANSI/ESD S8.1-2017)

Stakeholders: Electronics industry including telecom, consumer, medical, and industrial.
Project Need: The purpose of this document is to standardize and clarify the meaning of commonly available and in-use symbols. The correct usage of symbols will eliminate confusion between symbols that indicate an item or material is ESD susceptible and those that indicate an item is designed to afford some degree of ESD protection. This symbol standard is developed in accordance with international graphical guidelines and standards.
Scope: This document covers the ESD susceptibility, ESD protective, and ESD common point ground symbols. The application of these ESD symbols on products is at the discretion of the supplier and does not constitute or imply a specific level of product performance.

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Rd, Exton, PA 19341 www.scte.org
Contact: Kim Cooney; kcooney@scte.org

Revision

BSR/SCTE 236-202x, Content Metadata (revision of ANSI/SCTE 236-2017)

Stakeholders: Telecommunications industry.
Project Need: Update current technology.
Scope: This standard describes the grammar needed to represent information pertinent to the distribution, presentation, and consumption of multimedia content. In a normal use case, the metadata originates from a provider and is distributed to operators.

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: November 22, 2020

ICC (International Code Council)

4051 Flossmoor Road, Country Club Hills, IL 60478 p: (888) 422-7233 4205 w: www.iccsafe.org

Revision

BSR/ICC 900-202x, Standard for Solar Water Heating Systems (revision and redesignation of ANSI/ICC 900/SRCC 300-2015)

The objective of this Standard is to establish minimum requirements for the system design, performance evaluation and installation instructions of solar water heating systems. This Standard establishes a methodology for rating the performance of solar water heating systems based on performance projections and solar collector test data. This Standard is applicable to residential and commercial solar water heating systems intended for use within swimming pool heating, building space heating, building space cooling and/or water heating systems. It is applicable to both direct and indirect solar water heating systems.

Click here to view these changes in full

Send comments (with optional copy to psa@ansi.org) to: smartin@solar-rating.org

NSF (NSF International)

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

Revision

BSR/NSF 40-202x (i39r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2019)

This wastewater standard contains minimum requirements for residential wastewater treatment systems having rated treatment capacities between 1514 L/day (400 gal/day) and 5678 L/day (1500 gal/day). Management methods for the treated effluent discharged from residential wastewater treatment systems are not addressed by this Standard.

Click here to view these changes in full

Send comments (with optional copy to psa@ansi.org) to: jsnider@nsf.org

Comment Deadline: November 22, 2020

NSF (NSF International)

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

Revision

BSR/NSF 40-202x (i41r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2019)

This wastewater standard contains minimum requirements for residential wastewater treatment systems having rated treatment capacities between 1514 L/day (400 gal/day) and 5678 L/day (1500 gal/day). Management methods for the treated effluent discharged from residential wastewater treatment systems are not addressed by this Standard.

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

NSF (NSF International)

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

Revision

BSR/NSF 245-202x (i22r1), Residential Wastewater Treatment Systems - Nitrogen Reduction (revision of ANSI/NSF 245-2019)

This wastewater standard contains minimum requirements for residential wastewater treatment systems having rated treatment capacities of 1514 L/d (400 gal/d) to 5678 L/d (1500 gal/d) that are designed to provide reduction of nitrogen in residential wastewater. Management methods for the treated effluent discharged from these systems are not addressed by this Standard. A system, in the same configuration, must either be demonstrated to have met the Class I requirements of NSF/ANSI 40 or must meet the Class I requirements of NSF/ANSI 40 during concurrent testing for nutrient removal.

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

NSF (NSF International)

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

Revision

BSR/NSF 245-202x (i24r1), Residential Wastewater Treatment Systems - Nitrogen Reduction (revision of ANSI/NSF 245-2019)

This wastewater standard contains minimum requirements for residential wastewater treatment systems having rated treatment capacities of 1514 L/d (400 gal/d) to 5678 L/d (1500 gal/d) that are designed to provide reduction of nitrogen in residential wastewater. Management methods for the treated effluent discharged from these systems are not addressed by this Standard. A system, in the same configuration, must either be demonstrated to have met the Class I requirements of NSF/ANSI 40 or must meet the Class I requirements of NSF/ANSI 40 during concurrent testing for nutrient removal.

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

UL (Underwriters Laboratories)

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

Revision

BSR/UL 231-202x, Standard for Safety for Power Outlets (revision of ANSI/UL 231-2020)

This proposal covers the inclusion of requirements for 30A and 50A locking and grounding receptacles evaluated for the application.

Click here to view these changes in full
Send comments (with optional copy to psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

Comment Deadline: November 22, 2020

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 p: (919) 549-0956 w: https://ul.org/

Revision

BSR/UL 555C-202x, Standard for Ceiling Dampers (revision of ANSI/UL 555C-2017)

Recirculation of Topic 1: Dynamic single or bidirectional airflow.

Click here to view these changes in full
Send comments (with optional copy to psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 p: (919) 549-1851 w: https://ul.org/

Revision

BSR/UL 779-202x, Standard for Safety for Electrically Conductive Floorings (revision of ANSI/UL 779-2011 (R2016))

This proposal for UL 779 provides revisions to the proposal document dated September 4, 2020 per comments received.

Click here to view these changes in full
Send comments (with optional copy to psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 p: (919) 549-1851 w: https://ul.org/

Revision

BSR/UL 823-202x, Standard for Safety for Electric Heaters for Use in Hazardous (Classified) Locations Electric Heaters (revision of ANSI/UL 823-2019)

This proposal for UL 823 provides revisions to the proposal document dated May 22, 2020 per comments received.

Click here to view these changes in full
Send comments (with optional copy to psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 p: (919) 549-1851 w: https://ul.org/

Revision

BSR/UL 1067-202x, Standard for Safety for Electrically Conductive Equipment and Materials for Use in Flammable Anesthetizing Locations (revision of ANSI/UL 1067-2011 (R2015))

This proposal for UL 1067 provides revisions to the proposal document dated September 4, 2020 per comments received.

Click here to view these changes in full
Send comments (with optional copy to psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 p: (919) 549-1851 w: https://ul.org/

Revision

BSR/UL 1203-202x, Standard for Safety for Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations (revision of ANSI/UL 1203-2020)

This proposal for UL 1203 covers: Revisions to add number of ignitions column to Tables 21.3A and SB1.6.

Click here to view these changes in full
Send comments (with optional copy to psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

Comment Deadline: December 7, 2020

AAFS (American Academy of Forensic Sciences)

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

New Standard

BSR/ASB Std 132-202x, Standard for Population Affinity Estimation in Forensic Anthropology (new standard)

This standard provides procedures for the estimation of population affinity from skeletal material. Specific methods and techniques are not included. This standard is not applicable to subadult skeletal remains, when cranial and postcranial features are not fully developed.

Single copy price: Free
Obtain an electronic copy from: Document and comments template can be viewed on the AAFS Standards Board website at: http://www.asbstandardsboard.org/notice-of-standard-development-and-coordination//
Order from: AAFS Standards Board website, www.asbstandardsboard.org, free of charge
Send comments (with optional copy to psa@ansi.org) to: asb@aafs.org

AISI (American Iron and Steel Institute)

3425 Drighton Court, Bethlehem, PA 18020-1335 p: (610) 691-6334 w: www.steel.org

Revision

BSR/AISI S915-202x, Test Standard for Determining the Strength and Deformation Behavior of Through-the-Web Punchout Cold-Formed Steel Wall Stud Bridging Connectors (revision of ANSI/AISI S915-2015)

This Standard provides the methodology to determine the strength and deformation behavior of through-the-web punchout bridging connectors for cold-formed steel wall stud bracing for structural and nonstructural wall studs in light-frame construction. This standard applies to bridging connectors attached to a cold-formed steel wall stud and the bridging member by mechanical fastening, welds or other means to resist torsional moment and axial force. This Standard does not apply to other types of bridging systems or to bridging systems that do not use a connector between the wall stud web and the bridging member.

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

AISI (American Iron and Steel Institute)

3425 Drighton Court, Bethlehem, PA 18020-1335 p: (610) 691-6334 w: www.steel.org

Revision

BSR/AISI S916-202x, Test Standard for Determining the Strength and Stiffness of Cold-Formed Steel-Framed Nonstructural Interior Partition Walls Sheathed with Gypsum Board (revision of ANSI/AISI S916-2015)

This standard applies to performance test methods for the determination of the strength and stiffness of nonstructural interior partition wall assemblies subjected to uniform static nominal pressure loads up to 15 pounds per square foot (0.72 kPa), framed with cold-formed steel nonstructural members, and sheathed on one or both sides with gypsum board panel products.

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

Comment Deadline: December 7, 2020

ASME (American Society of Mechanical Engineers)

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

Revision

BSR/ASME CSD-1-202x, Controls and Safety Devices for Automatically Fired Boilers (revision of ANSI/ASME CSD-1-2018)

The rules of this Standard cover requirements for the assembly, installation, maintenance, and operation of controls and safety devices on automatically operated boilers directly fired with gas, oil, gas–oil, or electricity, subject to the service limitations, exclusions, and acceptance of other listings in CG-120, CG-130, and CG-140, respectively.

Single copy price: Free
Obtain an electronic copy from: http://cstools.asme.org/publicreview
Send comments (with optional copy to psa@ansi.org) to: Carlton Ramcharran; ramcharranc@asme.org

CSA (CSA America Standards Inc.)

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

Revision

BSR/CSA HGV 2-202x, Compressed hydrogen gas vehicle fuel containers (revision of ANSI/CSA HGV 2-2014 (R2019))

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. The major changes to this edition include the following: (a) Distinction between category A and B containers; (b) Inclusion of conformable container requirements; and (c) Addition of mechanical tests.

Single copy price: Free
Obtain an electronic copy from: iris.monner@csagroup.org
Order from: iris.monner@csagroup.org
Send comments (with optional copy to psa@ansi.org) to: Iris Monner, iris.monner@csagroup.org

CTA (Consumer Technology Association)

1919 South Eads Street, Arlington, VA 22202 p: (703) 907-7697 w: www.cta.tech

Revision

BSR/CTA 2049-A-202x, Determination of Small Network Equipment - Average Energy Consumption (revision and redesignation of ANSI/CTA 2049-2015)

This standard defines a method for measuring Small Network Equipment (SNE) energy consumption and related items. Seeking Users and Producers of small network equipment.

Single copy price: Free
Obtain an electronic copy from: standards@cta.tech
Order from: Veronica Lancaster; vlancaster@cta.tech
Send comments (with optional copy to psa@ansi.org) to: Same

FCI (Fluid Controls Institute)

1300 Sumner Avenue, Cleveland, OH 44115 p: (216) 241-7333 w: www.fluidcontrolsinstitute.org

New Standard

BSR/FCI 19-1-202x, Standard for Sizing & Selection of Type 2 Secondary Pressure Drainers (new standard)

The purpose of this standard is to help define the information required for proper sizing and selection of Type 2 Secondary Pressure Drainers (SPD) within systems utilizing steam for heat transfer. With an understanding of this criteria, it can be applied to these types of systems to provide effective and proper condensate drainage. This is a necessary function of steam-using equipment to maintain consistent heat transfer in a safe environment.

Single copy price: Free
Obtain an electronic copy from: fci@fluidcontrolsinstitute.org
Send comments (with optional copy to psa@ansi.org) to: Leslie Schraff, fci@fluidcontrolsinstitute.org

Comment Deadline: December 7, 2020

FCI (Fluid Controls Institute)

1300 Sumner Avenue, Cleveland, OH 44115 p: (216) 241-7333 w: www.fluidcontrolsinstitute.org

Revision

BSR/FCI 79-1-202x, Standard for Proof of Pressure Ratings for Pressure Regulators and Temperature Regulators (revision of ANSI/FCI 79-1-2016)

The purpose of this standard is to create common guidelines for establishing pressure ratings for use by manufacturers, users, specifiers, and approval bodies in order to provide consistent pressure containment integrity.

Single copy price: Free
Obtain an electronic copy from: fci@fluidcontrolsinstitute.org
Send comments (with optional copy to psa@ansi.org) to: Leslie Schraff, fci@fluidcontrolsinstitute.org

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Rd, Exton, PA 19341 p: (800) 542-5040 w: www.scte.org

New Standard

BSR/SCTE 262-1-202x, DOCSIS 4.0 Part 1: Physical Layer Specification (new standard)

This generation of the DOCSIS® specifications builds upon the previous generations of DOCSIS specifications (commonly referred to as the DOCSIS 3.1 and earlier specifications), leveraging the existing Media Access Control (MAC) and Physical (PHY) layers. It includes backward compatibility for the existing PHY layers in order to enable a seamless migration to the new technology. Further, the DOCSIS 4.0 specifications introduces Full Duplex (FDX) DOCSIS PHY layer technology as an expansion of the OFDM PHY layer introduced in the DOCSIS 3.1 PHY specification to increase upstream capacity without significant loss of downstream capacity versus DOCSIS 3.1. The DOCSIS 4.0 specification also builds upon DOCSIS 3.1 OFDM and OFDMA technology with an extended Frequency Division Duplex (FDD) DOCSIS alternative. DOCSIS 4.0 FDD supports legacy high split and also provides extended splits up to 684 MHz in an operational band plan which is referred to as Ultra-high Split (UHS). DOCSIS 4.0 FDD also introduces expansion of usable downstream spectrum up to 1794 MHz. Both the FDX and FDD DOCSIS 4.0 alternatives are based on OFDM PHY.

Single copy price: $50.00
Obtain an electronic copy from: admin@standards.scte.org
Order from: admin@standards.scte.org
Send comments (with optional copy to psa@ansi.org) to: Same

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Rd, Exton, PA 19341 p: (800) 542-5040 w: www.scte.org

New Standard

BSR/SCTE 262-2-202x, DOCSIS 4.0 Part 2: MAC and Upper Layer Protocols Interface Specification (new standard)

This specification is part of the DOCSIS family of specifications developed by Cable Television Laboratories (CableLabs). In particular, this specification is part of a series of specifications that defines the sixth generation of high-speed data-over-cable systems, commonly referred to as the DOCSIS 4.0 specifications. This specification was developed for the benefit of the cable industry and includes contributions by operators and vendors from North and South America, Europe, China, and other regions.

Single copy price: $50.00
Obtain an electronic copy from: admin@standards.scte.org
Order from: admin@standards.scte.org
Send comments (with optional copy to psa@ansi.org) to: Same

Comment Deadline: December 7, 2020

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Rd, Exton, PA 19341 p: (800) 542-5040 w: www.scte.org

New Standard

BSR/SCTE 262-3-202x, DOCSIS 4.0 Part 3: Cable Modem Operations Support System Interface Specification (new standard)

This specification defines the Operations Support System Interface (OSSI) requirements for the Cable Modem (CM).

Single copy price: $50.00
Obtain an electronic copy from: admin@standards.scte.org
Order from: admin@standards.scte.org
Send comments (with optional copy to psa@ansi.org) to: Same

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Rd, Exton, PA 19341 p: (800) 542-5040 w: www.scte.org

New Standard

BSR/SCTE 262-4-202x, DOCSIS 4.0 Part 4: CCAP™ Operations Support System Interface Specification (new standard)

This document defines the requirements necessary for the Configuration, Fault Management, and Performance Management of the Cable Modem Termination System (CMTS) and the Converged Cable Access Platform (CCAP) system. The intent of this specification is to define a common, cross-vendor set of functionalities for the configuration and management of CMTSs and CCAPs.

Single copy price: $50.00
Obtain an electronic copy from: admin@standards.scte.org
Order from: admin@standards.scte.org
Send comments (with optional copy to psa@ansi.org) to: Same

SCTE (Society of Cable Telecommunications Engineers)

140 Philips Rd, Exton, PA 19341 p: (800) 542-5040 w: www.scte.org

New Standard

BSR/SCTE 262-5-202x, DOCSIS 4.0 Part 5: Security Specification (new standard)

This specification is part of the DOCSIS family of specifications developed by Cable Television Laboratories (CableLabs). In particular, this specification is part of a series of specifications that define the sixth generation of high-speed data-over-cable systems, commonly referred to as the DOCSIS 4.0 specifications. This specification was developed for the benefit of the cable industry and includes contributions by operators and vendors from North and South America, Europe, and other regions.

Single copy price: $50.00
Obtain an electronic copy from: admin@standards.scte.org
Order from: admin@standards.scte.org
Send comments (with optional copy to psa@ansi.org) to: Same

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 p: (919) 549-1851 w: https://ul.org/

New National Adoption

BSR/UL 61010-2-040-202x, Standard for Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-040: Particular Requirements for Sterilizers and Washer-Disinfectors Used to Treat Medical Materials (identical national adoption of IEC 61010-2-040 and revision of ANSI/UL 61010-2-040-2016)

This proposal for UL 61010-2-040 covers the Adoption of IEC 61010-2-040, Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-040: Particular Requirements for Sterilizers and Washer-Disinfectors Used to Treat Medical Materials, (third edition, issued by IEC May 2020) as a new IEC-based UL standard, UL 61010-2-040 with No US Differences.

Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: http://www.shopulstandards.com
Send comments (with optional copy to psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

Comment Deadline: December 7, 2020

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 p: (613) 368-4432 w: https://ul.org/

Revision

BSR/UL 2610-202X, Standard for Safety for Commercial Premises Security Alarm Units and Systems (revision of ANSI/UL 2610 -2020)

These requirements cover construction, performance, operation, and maintenance of: (a) Central station burglar alarm systems intended and specifically designated for burglary protection use at mercantile and banking premises, mercantile safes and vaults, and bank safes and vaults; (b) Police-station-connected burglar alarm units and systems for use in mercantile premises, mercantile safes and vaults, and bank safes and vaults; (c) Local burglar alarm units and systems for use in mercantile premises, mercantile safes and vaults, and bank safes and vaults; (d) Proprietary burglar alarm units and systems; (e) Holdup alarm systems of the remote-station type intended for installation in banks, stores, cashiers' cages, pay offices, and the like; (f) Digital alarm communicator system units, interconnected to or integral, for use with central station burglar alarm systems, proprietary burglar alarm systems, police-station-connected burglar alarm systems, and holdup alarm systems; (g) Power supplies used to provide electrical power and standby power for burglar-alarm equipment The revisions being proposed are to make editorial changes, provide clarifications, and technology updates.

Single copy price: Free
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UL (Underwriters Laboratories)

333 Pfingsten Road, Northbrook, IL 60062-2096 p: (847) 664-2023 w: https://ul.org/

Revision

BSR/UL 8750-202x, Standard for Safety for Light Emitting Diode (LED) Equipment for Use in Lighting Products (revision of ANSI/UL 8750-2020)

This proposal for UL 8750 covers: (1) Scope expansion to include LED packages with spectral power distribution characteristics outside of the visible light spectrum (400 - 700 nm), revisions to Supplement SD to include Special-Use LED packages and revisions to Supplement SJ including direct references to in IEC 62471; (2) LED controllers; (3) Potting compounds; (4) Feedthrough circuits and receptacles; (5) Leakage current test.

Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: http://www.shopulstandards.com
Send comments (with optional copy to psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

Comment Deadline: December 22, 2020

IEEE (ASC C63) (Institute of Electrical and Electronics Engineers)

445 Hoes Lane, Piscataway, NJ 08854 p: (732) 562-3874 w: www.ieee.org

New Standard

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

BSR C63.24-202x, Standard Recommended Practice for in Situ RF Immunity Evaluation of Electronic Devices and Systems (new standard)

This document provides recommended test methods for assuring the radio frequency (RF) immunity of electronic devices and systems that might experience susceptibility from general use transceivers or the RF ambient.

Single copy price: $51.00
Obtain an electronic copy from: j.santulli@ieee.org
Order from: Jennifer Santulli; J.Santulli@ieee.org
Send comments (with optional copy to psa@ansi.org) to: Same

Comment Deadline: December 22, 2020

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 p: (919) 549-0954 w: https://ul.org/

Revision

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

BSR/UL 60335-2-72-202x, Standard for Safety for Household and Similar Electrical Appliances - Safety - Part 2-72: Particular Requirements for Floor Treatment Machines With or Without Traction Drive, for Commercial Use. (revision of ANSI/UL 60335 -2-72-2019)

This international standard deals with the safety of powered ride-on and powered walk-behind machines intended for commercial indoor or outdoor use for the following applications: sweeping, scrubbing, wet or dry pick-up, polishing, application of wax, sealing products and powder-based detergents, shampooing of floors with an artificial surface.

Single copy price: Free
Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx
Order from: http://www.shopulstandards.com
Send comments (with optional copy to psa@ansi.org) to: Follow the instructions in the following website to enter comments into the CSDS Work Area: https://csds.ul.com/Home/ProposalsDefault.aspx

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.

AAMI (Association for the Advancement of Medical Instrumentation)
901 N. Glebe Road, Suite 300, Arlington, VA 22203 p: (703) 253-8261 w: www.aami.org

New National Adoption
ANSI/AAMI/ISO 10993-15-2020, Biological evaluation of medical devices - Part 15: Identification and quantification of degradation products from metals and alloys (identical national adoption of ISO 10993-15): 10/5/2020

AAMI (Association for the Advancement of Medical Instrumentation)
901 N. Glebe Road, Suite 300, Arlington, VA 22203 p: (703) 253-8274 w: www.aami.org

Reaffirmation
ANSI/AAMI EC12-2000 (R2020), Disposable ECG electrodes (reaffirmation of ANSI/AAMI EC12-2000): 10/9/2020

AAMI (Association for the Advancement of Medical Instrumentation)
901 N. Glebe Road, Suite 300, Arlington, VA 22203 p: (703) 253-8274 w: www.aami.org

Reaffirmation
ANSI/AAMI EC57-2012 (R2020), Testing and reporting performance results of cardiac rhythm and ST segment measurement algorithms (reaffirmation of ANSI/AAMI EC57-2012): 10/9/2020

AISI (American Iron and Steel Institute)
3425 Drighton Court, Bethlehem, PA 18020-1335 p: (610) 691-6334 w: www.steel.org

New Standard
ANSI/AISI S923-2020, Test Standard for Determining the Strength and Stiffness of Shear Connections in Composite Members (new standard): 10/19/2020

AISI (American Iron and Steel Institute)
3425 Drighton Court, Bethlehem, PA 18020-1335 p: (610) 691-6334 w: www.steel.org

New Standard
ANSI/AISI S924-2020, Test Standard for Determining the Effective Flexural Stiffness of Composite Members (new standard): 10/19/2020

AISI (American Iron and Steel Institute)
3425 Drighton Court, Bethlehem, PA 18020-1335 p: (610) 691-6334 w: www.steel.org

Reaffirmation
ANSI/AISI S100-2016 (R2020), North American Specification for the Design of Cold-Formed Steel Structural Members (reaffirmation of ANSI/AISI S100-2016): 10/19/2020

AISI (American Iron and Steel Institute)
3425 Drighton Court, Bethlehem, PA 18020-1335 p: (610) 691-6334 w: www.steel.org

Revision
ANSI/AISI S202-2020, Code of Standard Practice for Cold-Formed Steel Structural Framing (revision of ANSI/AISI S202-2015): 10/19/2020

AISI (American Iron and Steel Institute)
3425 Drighton Court, Bethlehem, PA 18020-1335 p: (610) 691-6334 w: www.steel.org

Revision
ANSI/AISI S220-2020, North American Standard for Cold-Formed Steel Nonstructural Framing (revision of ANSI/AISI S220-2015): 10/19/2020

AISI (American Iron and Steel Institute)
3425 Drighton Court, Bethlehem, PA 18020-1335 p: (610) 691-6334 w: www.steel.org

Revision
ANSI/AISI S240-2020, North American Standard for Cold-Formed Steel Structural Framing (revision of ANSI/AISI S240 -2015): 10/19/2020

AISI (American Iron and Steel Institute)
3425 Drighton Court, Bethlehem, PA 18020-1335 p: (610) 691-6334 w: www.steel.org

Revision
ANSI/AISI S310-2020, North American Standard for the Design of Profiled Steel Diaphragm Panels (revision of ANSI/AISI S310-2016): 10/19/2020

AISI (American Iron and Steel Institute)
3425 Drighton Court, Bethlehem, PA 18020-1335 p: (610) 691-6334 w: www.steel.org

Revision
ANSI/AISI S400-2020, North American Standard for Seismic Design of Cold-Formed Steel Structural Systems (revision of ANSI/AISI S400-2015): 10/19/2020

AISI (American Iron and Steel Institute)
3425 Drighton Court, Bethlehem, PA 18020-1335 p: (610) 691-6334 w: www.steel.org

Revision
ANSI/AISI S903-2020, Test Standard for Determining the Uniform and Local Ductility of Carbon and Low-Alloy Steels (revision of ANSI/AISI S903-2017): 10/19/2020

AISI (American Iron and Steel Institute)
3425 Drighton Court, Bethlehem, PA 18020-1335 p: (610) 691-6334 w: www.steel.org

Supplement
ANSI/AISI S100-16/S2-2020, Supplement 2 to North American Specification for the Design of Cold-Formed Steel Structural Members (supplement to ANSI/AISI S100-2016): 10/19/2020

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

New Standard
ANSI/ASABE D606-2020, Properties and Relationships for Distillers Dried Grains with Solubles (DDGS) (new standard): 10/6/2020

ASC X9 (Accredited Standards Committee X9, Incorporated)
275 West Street, Suite 107, Annapolis, MD 21401 p: (410) 267-7707 w: www.x9.org

New Standard
ANSI X9.124-1-2020, Symmetric Key Cryptography for the Financial Services Industry Format Preserving Encryption - Part 1: Definitions and Model (new standard): 10/15/2020

ASC X9 (Accredited Standards Committee X9, Incorporated)
275 West Street, Suite 107, Annapolis, MD 21401 p: (410) 267-7707 w: www.x9.org

New Standard
ANSI X9.138-2020, Distributed Ledger Technologies Terminology (new standard): 10/15/2020

ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
1791 Tullie Circle NE, Atlanta, GA 30329 p: (678) 539-2114 w: www.ashrae.org

Addenda
ANSI/ASHRAE Addendum m to ANSI/ASHRAE 34-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2019): 9/30/2020

ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
1791 Tullie Circle, NE, Atlanta, GA 30329 p: (678) 539-1214 w: www.ashrae.org

Addenda
ANSI/ASHRAE Addendum 55e-2017, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2017): 9/30/2020

ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
1791 Tullie Circle, NE, Atlanta, GA 30329 p: (678) 539-1214 w: www.ashrae.org

Addenda
ANSI/ASHRAE Addendum 62.2d-2019, Ventilation and Acceptable Indoor Air Quality in Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2019): 9/30/2020

ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
1791 Tullie Circle NE, Atlanta, GA 30329 p: (678) 539-2114 w: www.ashrae.org

Addenda
ANSI/ASHRAE Addendum d to ANSI/ASHRAE Standard 188-2018, Legionellosis: Risk Management for Building Water Systems (addenda to ANSI/ASHRAE Standard 188-2018): 9/30/2020

ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
1791 Tullie Circle NE, Atlanta, GA 30329 p: (678) 539-2114 w: www.ashrae.org

Addenda
ANSI/ASHRAE Addendum f to ANSI/ASHRAE Standard 15-2019, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2019): 9/30/2020

ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
1791 Tullie Circle NE, Atlanta, GA 30329 p: (678) 539-2114 w: www.ashrae.org

Addenda
ANSI/ASHRAE Addendum h to ANSI/ASHRAE Standard 34-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2019): 9/30/2020

ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
1791 Tullie Circle NE, Atlanta, GA 30329 p: (678) 539-2114 w: www.ashrae.org

Addenda
ANSI/ASHRAE Addendum j to ANSI/ASHRAE Standard 34-2019, Design and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2019): 9/30/2020

ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
1791 Tullie Circle NE, Atlanta, GA 30329 p: (678) 539-2114 w: www.ashrae.org

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ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
1791 Tullie Circle NE, Atlanta, GA 30329 p: (678) 539-2114 w: www.ashrae.org

Addenda
ANSI/ASHRAE Addendum n to ANSI/ASHRAE Standard 34-2019, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2019): 9/30/2020

ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
1791 Tullie Circle, NE, Atlanta, GA 30329-2305 p: (404) 636-8400 w: www.ashrae.org

Addenda
ANSI/ASHRAE/ICC/USGBC/IES Addendum bc to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017): 9/30/2020

ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
1791 Tullie Circle, NE, Atlanta, GA 30329-2305 p: (404) 636-8400 w: www.ashrae.org

Addenda
ANSI/ASHRAE/ICC/USGBC/IES Addendum bq to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017): 9/30/2020

ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
1791 Tullie Circle, NE, Atlanta, GA 30329-2305 p: (404) 636-8400 w: www.ashrae.org

Addenda
ANSI/ASHRAE/ICC/USGBC/IES Addendum bw to ANSI/ASHRAE/ICC/USGBC/IES Standard 189.1-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2017): 9/30/2020

ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
1791 Tullie Circle, NE, Atlanta, GA 30329 p: (404) 636-8400 w: www.ashrae.org

Revision
ANSI/ASHRAE Standard 182-2020, Method of Testing Absorption Water-Chilling and Water-Heating Packages (revision of ANSI/ASHRAE Standard 182-2008): 9/30/2020

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

New Standard
ANSI/ASSP A10.35-2020, Standard - Safe Pressure Testing of Steel and Copper Piping Systems Used in Construction and Demolition Operations (new standard): 10/1/2020

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

Revision
ANSI/ASSP A10.33-2020, Safety & Health Program Requirements for Multi-Employer Projects (revision and redesignation of ANSI/ASSE A10.33-2011 (R2016)): 10/1/2020

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

Revision
ANSI/ASTM F1446-2020, Test Methods for Equipment and Procedures Used in Evaluating the Performance Characteristics of Protective Headgear (revision of ANSI/ASTM F1446-2015b): 10/1/2020

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

Revision
ANSI/ATIS 1000678.v4-2020, Lawfully Authorized Electronic Surveillance (LAES) for Voice over Internet Protocol in Wireline Telecommunications Networks, Version 4 (revision and redesignation of ANSI/ATIS 1000678.v3-2015 (R2020)): 10/9/2020

AWC (American Wood Council)
222 Catoctin Circle , Suite 201, Leesburg, VA 20175 p: (202) 463-2770 w: www.awc.org

Revision
ANSI/AWC PWF-2021, Permanent Wood Foundation Design Specification (revision and redesignation of ANSI/AWC PWF-2015): 10/6/2020

AWS (American Welding Society)
8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 p: (305) 443-9353 301 w: www.aws.org

New National Adoption
ANSI/AWS A5.10/A5.10M:2021 (ISO 18273:2015 MOD), Specification for Bare Aluminum and Aluminum-Alloy Welding Electrodes and Rods (national adoption of ISO 18273:2015 MOD with modifications and revision of ANSI/AWS A5.10/A5.10M-2016 (ISO 18273-2004 MOD)): 10/13/2020

AWS (American Welding Society)
8669 NW 36th Street, Suite 130, Miami, FL 33166-6672 p: (305) 443-9353 310 w: www.aws.org

Revision
ANSI/AWS D17.3/D17.3M-2021, Specification for Friction Stir Welding of Aluminum Alloys for Aerospace Applications (revision of ANSI/AWS D17.3/D17.3M-2016): 10/2/2020

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

Revision
ANSI/AWWA C203-2020, Coal-Tar Protective Coatings and Linings for Steel Water Pipe (revision of ANSI/AWWA C203 -2015): 10/8/2020

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

Reaffirmation
ANSI/BIFMA X5.11-2015 (R2020), General-Purpose Large Occupant Office Chairs (reaffirmation of ANSI/BIFMA X5.11 -2015): 10/8/2020

CGA (Compressed Gas Association)
8484 Westpark Drive, Suite 220, McLean, VA 22102 p: (703) 788-2716 w: www.cganet.com

Revision
ANSI/CGA H-5-2020, Installation Standards for Bulk Hydrogen Supply Systems (revision of ANSI/CGA H-5-2014): 10/13/2020

ECIA (Electronic Components Industry Association)
13873 Park Center Road, Suite 315, Herndon, VA 20171 p: (571) 323-0294 w: www.ecianow.org

Reaffirmation
ANSI/EIA 364-03D-2015 (R2020), Altitude Immersion Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-03D-2015): 10/15/2020

ECIA (Electronic Components Industry Association)
13873 Park Center Road, Suite 315, Herndon, VA 20171 p: (571) 323-0294 w: www.ecianow.org

Reaffirmation
ANSI/EIA 364-04B-2015 (R2020), Normal Force Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-04B-2015): 10/15/2020

ECIA (Electronic Components Industry Association)
13873 Park Center Road, Suite 315, Herndon, VA 20171 p: (571) 323-0294 w: www.ecianow.org

Reaffirmation
ANSI/EIA 364-08C-2015 (R2020), Crimp Tensile Strength Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-08C-2015): 10/15/2020

ECIA (Electronic Components Industry Association)
13873 Park Center Road, Suite 315, Herndon, VA 20171 p: (571) 323-0294 w: www.ecianow.org

Reaffirmation
ANSI/EIA 364-84-2015 (R2020), Residual Magnetism Test Procedure for Electrical Connectors Used in Space Applications (reaffirmation of ANSI/EIA 364-84-2015): 10/15/2020

FCI (Fluid Controls Institute)
1300 Sumner Avenue, Cleveland, OH 44115 p: (216) 241-7333 w: www.fluidcontrolsinstitute.org

Revision
ANSI/FCI 15-1-2020, Standard for Production Testing of Pressure Regulators (revision of ANSI/FCI 15-1-2015): 10/16/2020

HL7 (Health Level Seven)
3300 Washtenaw Avenue, Suite 227, Ann Arbor, MI 48104 p: (313) 550-2073 104 w: www.hl7.org

New Standard
ANSI/HL7 EHRS FM FP ENCPRS, R2-2020, HL7 EHR-System Electronic Nutrition Care Process Record System (ENCPRS) Functional Profile, Release 2 (new standard): 10/15/2020

HL7 (Health Level Seven)
3300 Washtenaw Avenue, Suite 227, Ann Arbor, MI 48104 p: (313) 550-2073 104 w: www.hl7.org

New Standard
ANSI/HL7 V26 IG EHDI, R1-2020, HL7 Version 2.6 Implementation Guide: Early Hearing Detection and Intervention (EHDI), Release 1 (new standard): 10/1/2020

ITI (INCITS) (InterNational Committee for Information Technology Standards)
700 K Street NW, Suite 600, Washington, DC 20001 p: (202) 737-8888 w: www.incits.org

New National Adoption
INCITS/ISO 19101-2:2018 [2020], Geographic Information - Reference Model - Part 2: Imagery (identical national adoption of ISO 19101-2:2018): 10/5/2020

ITI (INCITS) (InterNational Committee for Information Technology Standards)
700 K Street NW, Suite 600, Washington, DC 20001 p: (202) 737-8888 w: www.incits.org

New National Adoption
INCITS/ISO 19115-1:2014/AM 1:2018 [2020], Geographic information - Metadata - Part 1: Fundamentals - Amendment 1 (identical national adoption of ISO 19115-1:2014/AM 1:2018): 10/5/2020

ITI (INCITS) (InterNational Committee for Information Technology Standards)
700 K Street NW, Suite 600, Washington, DC 20001 p: (202) 737-8888 w: www.incits.org

New National Adoption
INCITS/ISO 19123-2:2018 [2020], Geographic Information - Schema for Coverage Geometry and Functions - Part 2: Coverage Implementation Schema (identical national adoption of ISO 19123-2:2018): 10/5/2020

ITI (INCITS) (InterNational Committee for Information Technology Standards)
700 K Street NW, Suite 600, Washington, DC 20001 p: (202) 737-8888 w: www.incits.org

New National Adoption
INCITS/ISO 19130-1:2018 [2020], Geographic Information - Imagery Sensor Models for Geopositioning - Part 1: Fundamentals (identical national adoption of ISO 19130-1:2018): 10/5/2020

ITI (INCITS) (InterNational Committee for Information Technology Standards)
700 K Street NW, Suite 600, Washington, DC 20001 p: (202) 737-8888 w: www.incits.org

New National Adoption
INCITS/ISO 19150-4:2019 [2020], Geographic Information - Ontology - Part 4: Service Ontology (identical national adoption of ISO 19150-4:2019): 10/5/2020

ITI (INCITS) (InterNational Committee for Information Technology Standards)
700 K Street NW, Suite 600, Washington, DC 20001 p: (202) 737-8888 w: www.incits.org

New National Adoption
INCITS/ISO 19150-2:2015/AM 1:2019 [2020], Geographic information - Ontology - Part 2: Rules for developing ontologies in the Web Ontology Language (OWL) - Amendment 1 (identical national adoption of ISO 19150 -2:2015/AM 1:2019): 10/5/2020

ITI (INCITS) (InterNational Committee for Information Technology Standards)
700 K Street NW, Suite 600, Washington, DC 20001 p: (202) 737-8888 w: www.incits.org

New National Adoption
INCITS/ISO 19160-3:2020 [2020], Addressing - Part 3: Address Data Quality (identical national adoption of ISO 19160 -3:2020): 10/5/2020

ITI (INCITS) (InterNational Committee for Information Technology Standards)
700 K Street NW, Suite 600, Washington, DC 20001 p: (202) 737-8888 w: www.incits.org

New National Adoption
INCITS/ISO 19161-1:2020 [2020], Geographic Information - Geodetic References - Part 1: International Terrestrial Reference System (ITRS) (identical national adoption of ISO 19161-1:2020): 10/5/2020

ITI (INCITS) (InterNational Committee for Information Technology Standards)
700 K Street NW, Suite 600, Washington, DC 20001 p: (202) 737-8888 w: www.incits.org

New National Adoption
INCITS/ISO 19165-1:2018 [2020], Geographic Information - Preservation of Digital Data and Metadata - Part 1: Fundamentals (identical national adoption of ISO 19165-1:2018): 10/5/2020

ITI (INCITS) (InterNational Committee for Information Technology Standards)
700 K Street NW, Suite 600, Washington, DC 20001 p: (202) 737-8888 w: www.incits.org

New National Adoption
INCITS/ISO 19111:2019 [2020], Geographic Information - Referencing by Coordinates (identical national adoption of ISO 19111:2019 and revision of INCITS/ISO 19111:2007 [R2017]
INCITS/ISO 19111-2:2009 [R2015]): 10/5/2020

ITI (INCITS) (InterNational Committee for Information Technology Standards)
700 K Street NW, Suite 600, Washington, DC 20001 p: (202) 737-8888 w: www.incits.org

New National Adoption
INCITS/ISO 19127:2019 [2020], Geographic Information - Geodetic Register (identical national adoption of ISO 19127:2019): 10/5/2020

ITI (INCITS) (InterNational Committee for Information Technology Standards)
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Reaffirmation
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Reaffirmation
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Reaffirmation
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Reaffirmation
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Reaffirmation
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Reaffirmation
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Reaffirmation
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Reaffirmation
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Reaffirmation
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Reaffirmation
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Reaffirmation
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Reaffirmation
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Reaffirmation
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Reaffirmation
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Reaffirmation
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Reaffirmation
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Reaffirmation
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Reaffirmation
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Reaffirmation
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Reaffirmation
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Reaffirmation
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Reaffirmation
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Reaffirmation
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INCITS/ISO/IEC 24747:2009 [R2020], Information technology - Programming languages, their environments and system software interfaces - Extensions to the C Library to support mathematical special functions (reaffirmation of INCITS/ISO/IEC 24747:2009 [R2015]): 10/9/2020

ITI (INCITS) (InterNational Committee for Information Technology Standards)
700 K Street NW, Suite 600, Washington, DC 20001 p: (202) 737-8888 w: www.incits.org

Reaffirmation
INCITS/ISO/IEC 25436:2006 [R2020], Information technology - Eiffel: Analysis, Design and Programming Language (reaffirmation of INCITS/ISO/IEC 25436:2006 [R2015]): 10/9/2020

ITI (INCITS) (InterNational Committee for Information Technology Standards)
700 K Street NW, Suite 600, Washington, DC 20001 p: (202) 737-8888 w: www.incits.org

Reaffirmation
INCITS/ISO/IEC 28361:2007 [R2020], Information technology - Telecommunications and information exchange between systems - Near Field Communication Wired Interface (NFC-WI) (reaffirmation of INCITS/ISO/IEC 28361:2007 [R2015]): 10/9/2020

ITI (INCITS) (InterNational Committee for Information Technology Standards)
700 K Street NW, Suite 600, Washington, DC 20001 p: (202) 737-8888 w: www.incits.org

Reaffirmation
INCITS/ISO/IEC 10747:1994/AM 1:1996 [R2020], Information technology - Telecommunications and information exchange between systems - Protocol for exchange of inter-domain routeing information among intermediate systems to support forwarding of ISO 8473 PDUs - Amendment 1: Implementation conformance statement proformas (reaffirmation of INCITS/ISO/IEC 10747:1994/AM 1:1996 [R2015]): 10/9/2020

ITI (INCITS) (InterNational Committee for Information Technology Standards)
700 K Street NW, Suite 600, Washington, DC 20001 p: (202) 737-8888 w: www.incits.org

Reaffirmation
INCITS/ISO/IEC 10747:1994/COR 1:1996 [R2020], Information technology - Telecommunications and information exchange between systems - Protocol for exchange of inter domain routeing information among intermediate systems to support forwarding of ISO 8473 PDUs - Technical Corrigendum 1 (reaffirmation of INCITS/ISO/IEC 10747:1994/COR 1:1996 [R2015]): 10/9/2020

NCSLI (ASC Z540) (National Conference of Standards Laboratories)
5766 Central Avenue, Suite 150, Boulder, CO 80301-2849 p: (303) 440-3339 w: www.ncsli.org

Withdrawal
ANSI NCSL Z540.3-2006 (R2013), Standard for Calibration Requirements for the Calibration of Measuring and Test Equipment (withdrawal of ANSI NCSL Z540.3-2006 (R2013)): 10/13/2020

NEMA (ASC C8) (National Electrical Manufacturers Association)
1300 North 17th Street, Rosslyn, VA 22209 p: (703) 841-3278 w: www.nema.org

Revision
ANSI NEMA WC 27500-2020, Standard for Aerospace and Industrial Electrical Cable (revision of ANSI/NEMA WC 27500-2015): 10/1/2020

NEMA (National Electrical Manufacturers Association)
1300 North 17th Street, Suite 900, Rosslyn, VA 22209 p: (703) 841-3238 w: www.nema.org

Revision
ANSI/NEMA SC1-2020, Standard for Supplier Credentialing in Healthcare (revision of ANSI/NEMA SC 1-2019): 10/15/2020

NSAA (ASC B77) (National Ski Areas Association)
133 S Van Gordon Street, Suite 300, Lakewood, CO 80228 p: (720) 963-4210

Revision
ANSI B77.2-2020, Standard for Funiculars - Safety Standard (revision of ANSI B77.2-2014): 9/30/2020

NSF (NSF International)
789 N. Dixboro Road, Ann Arbor, MI 48105-9723 p: (734) 827-3817 w: www.nsf.org

Revision
ANSI/NSF 18-2020 (i17r1), Manual Food and Beverage Dispensing Equipment (revision of ANSI/NSF 18-2016): 10/18/2020

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

Revision
ANSI/NSF 55-2020 (i51r1), Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2019): 10/8/2020

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

Revision
ANSI/NSF 350-2020 (i52r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2019): 10/4/2020

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

Revision
ANSI/NSF 350-2020 (i53r1), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2019): 10/7/2020

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

Revision
ANSI/NSF 350-2020 (i54r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2019): 10/6/2020

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

Revision
ANSI/NSF 350-2020 (i56r4), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2019): 10/5/2020

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

Revision
ANSI/NSF/CAN 372-2020 (i5r1), Drinking Water System Components - Lead Content (revision and redesignation of ANSI/NSF 372-2016): 9/29/2020

OPEI (Outdoor Power Equipment Institute)
1605 King Street, 3rd Floor, Alexandria, VA 22314 p: (703) 549-7600 w: www.opei.org

Addenda
ANSI/OPEI 60335-2-107-2020 Amd.1, Standard for Outdoor Power Equipment - Household and Similar Electrical Appliances - Safety - Part 2-107: Particular Requirements for Robotic Battery Powered Electrical Lawnmowers (addenda to ANSI/OPEI 60335-2-107-2020): 10/6/2020

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

New Standard
ANSI/SCTE 165-10-2020, IPCablecom 1.5 Part 10: Security (new standard): 10/15/2020

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

New Standard
ANSI/SCTE 166-2020, Flexure Method for Drop Cable Conditioning (new standard): 10/15/2020

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

Revision
ANSI/SCTE 54-2020, Digital Video Service Multiplex and Transport System Standard for Cable Television (revision of ANSI/SCTE 54-2015): 10/15/2020

TCNA (ASC A108) (Tile Council of North America)
100 Clemson Research Blvd., Anderson, SC 29625 p: (864) 646-8453 w: www.tcnatile.com

New Standard
ANSI A108.20-2020, Standard Specifications for Exterior Installation of Vertical and Overhead Gauged Porcelain Tiles and Gauged Porcelain Tile Panels/Slabs by the Thin-Bed Method Bonded with Improved Modified Dry-Set Cement Mortar (new standard): 10/9/2020

UL (Underwriters Laboratories)
12 Laboratory Drive, Research Triangle Park, NC 27709-3995 p: (919) 549-1479 w: https://ul.org/

New National Adoption
ANSI/UL 60335-2-29-2020, Standard for Safety for Household and Similar Electrical Appliances - Safety - Part 2-29: Particular Requirements for Battery Chargers (national adoption with modifications of IEC 60335-2-29): 10/12/2020

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

New National Adoption
ANSI/UL 62091-2020, Standard for Safety for Low-Voltage Switchgear and Controlgear- Controllers for Drivers of Stationary Fire Pumps (national adoption with modifications of IEC 62091): 9/30/2020

UL (Underwriters Laboratories)
47173 Benicia Street, Fremont, CA 94538 p: (510) 319-4297 w: https://ul.org/

New Standard
ANSI/UL 83B-2020, Standard for Safety for Switchboard and Switchgear Wires and Cables (new standard): 10/15/2020

UL (Underwriters Laboratories)
333 Pfingsten Road, Northbrook, IL 60062-2096 p: (847) 664-3038 w: https://ul.org/

New Standard
ANSI/UL 2557-2020, Standard for Membrane Switches (new standard): 10/5/2020

UL (Underwriters Laboratories)
171 Nepean Street, Suite 400, Ottawa, ON K2P 0B4 Canada p: (613) 368-4417 61017 w: https://ul.org/

Reaffirmation
ANSI/UL 355-2011 (R2020), Standard for Safety for Cord Reels (reaffirmation of ANSI/UL 355-2011 (R2016)): 10/6/2020

UL (Underwriters Laboratories)
171 Nepean Street, Suite 400, Ottawa, ON K2P 0B4 Canada p: (613) 368-4417 61017 w: https://ul.org/

Reaffirmation
ANSI/UL 814-2011 (R2020), Standard for Safety for Gas-Tube-Sign Cable (reaffirmation of ANSI/UL 814-2011 (R2015)): 10/6/2020

UL (Underwriters Laboratories)
171 Nepean Street, Suite 400, Ottawa, ON K2P 0B4 Canada p: (613) 368-4417 61017 w: https://ul.org/

Reaffirmation
ANSI/UL 1685-2010 (R2020), Standard for Safety for Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables (reaffirmation of ANSI/UL 1685-2010 (R2015)): 10/6/2020

UL (Underwriters Laboratories)
12 Laboratory Drive, Research Triangle Park, NC 27709-3995 p: (919) 549-0956 w: https://ul.org/

Reaffirmation
ANSI/UL 1897-2015 (R2020), UL Standard for Safety for Uplift Tests for Roof Covering Systems (reaffirmation of ANSI/UL 1897-2015): 9/30/2020

UL (Underwriters Laboratories)
171 Nepean Street, Suite 400, Ottawa, ON K2P 0B4 Canada p: (613) 368-4419 w: https://ul.org/

Revision
ANSI/UL 13-2020, Standard for Safety for Power-Limited Circuit Cables (revision of ANSI/UL 13-2019): 10/9/2020

UL (Underwriters Laboratories)
333 Pfingsten Road, Northbrook, IL 60062-2096 p: (847) 664-2850 w: https://ul.org/

Revision
ANSI/UL 50-2020, Standard for Safety for Enclosures for Electrical Equipment, Non-Environmental Considerations (revision of ANSI/UL 50-2015): 10/15/2020

UL (Underwriters Laboratories)
333 Pfingsten Road, Northbrook, IL 60062-2096 p: (847) 664-2850 w: https://ul.org/

Revision
ANSI/UL 50E-2020, Standard for Safety for Enclosures for Electrical Equipment, Environmental Considerations (revision of ANSI/UL 50E-2015): 10/15/2020

UL (Underwriters Laboratories)
333 Pfingsten Road, Northbrook, IL 60062-2096 p: (847) 664-3416 w: https://ul.org/

Revision
ANSI/UL 331-2020, Standard for Safety for Strainers for Flammable Fluids and Anhydrous Ammonia (revision of ANSI/UL 331-2013 (R2017)): 10/1/2020

UL (Underwriters Laboratories)
333 Pfingsten Road, Northbrook, IL 60062-2096 p: (847) 664-3416 w: https://ul.org/

Revision
ANSI/UL 331A-2020, Standard for Safety for Strainers for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations Up to 85 Percent (E0 - E85) (revision of ANSI/UL 331A-2015): 10/1/2020

UL (Underwriters Laboratories)
333 Pfingsten Road, Northbrook, IL 60062-2096 p: (847) 664-3416 w: https://ul.org/

Revision
ANSI/UL 331B-2020, Standard for Safety for Strainers for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 331B-2020): 10/1/2020

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

Revision
ANSI/UL 360-2020, Standard for Liquid-Tight Flexible Metal Conduit (revision of ANSI/UL 360-2019): 10/9/2020

UL (Underwriters Laboratories)
12 Laboratory Drive, Research Triangle Park, NC 27709-3995 p: (919) 549-0956 w: https://ul.org/

Revision
ANSI/UL 555-2020, Standard for Fire Dampers (revision of ANSI/UL 555-2016): 10/9/2020

UL (Underwriters Laboratories)
12 Laboratory Drive, Research Triangle Park, NC 27709-3995 p: (919) 549-0956 w: https://ul.org/

Revision
ANSI/UL 555S-2020, Standard for Smoke Dampers (revision of ANSI/UL 555S-2016): 10/9/2020

UL (Underwriters Laboratories)
333 Pfingsten Road, Northbrook, IL 60062 p: (847) 664-3198 w: https://ul.org/

Revision
ANSI/UL 583-2020, Standard for Safety for Electric-Battery-Powered Industrial Trucks (revision of ANSI/UL 583-2018): 10/13/2020

UL (Underwriters Laboratories)
12 Laboratory Drive, Research Triangle Park, NC 27709-3995 p: (919) 549-0922 w: https://ul.org/

Revision
ANSI/UL 796-2020, Standard for Safety for Printed Wiring Boards (revision of ANSI/UL 796-2016): 9/30/2020

UL (Underwriters Laboratories)
333 Pfingsten Road, Northbrook, IL 60062-2096 p: (847) 664-2850 w: https://ul.org/

Revision
ANSI/UL 1389-2020, Standard for Safety for Plant Oil Extraction Equipment for Installation and Use in Ordinary (Unclassified) Locations and Hazardous (Classified) Locations (revision of ANSI/UL 1389-2019): 10/13/2020

UL (Underwriters Laboratories)
171 Nepean Street, Suite 400, Ottawa, ON K2P 0B4 Canada p: (613) 368-4419 w: https://ul.org/

Revision
ANSI/UL 1651-2020, Standard for Safety for Optical Fiber Cable (revision of ANSI/UL 1651-2018): 10/9/2020

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

Revision
ANSI/UL 1699-2020, Standard for Safety for Arc-Fault Circuit-Interrupters (revision of ANSI/UL 1699-2019): 10/8/2020

UL (Underwriters Laboratories)
12 Laboratory Drive, Research Triangle Park, NC 27709-3995 p: (919) 549-1097 w: https://ul.org/

Revision
ANSI/UL 1838-2020, Standard for Safety for Low Voltage Landscape Lighting Systems (revision of ANSI/UL 1838 -2017): 10/9/2020

UL (Underwriters Laboratories)
171 Nepean Street, Suite 400, Ottawa, ON K2P 0B4 Canada p: (613) 368-4437 w: https://ul.org/

Revision
ANSI/UL 2196-2020, Standard for Safety for Fire Test for Circuit Integrity of Fire-Resistive Power, Instrumentation, Control and Data Cables (revision of ANSI/UL 2196-2018): 10/9/2020

UL (Underwriters Laboratories)
12 Laboratory Drive, Research Triangle Park, NC 27709-3995 p: (919) 549-1851 w: https://ul.org/

Revision
ANSI/UL 2225-2020a, Standard for Safety for Cables and Cable-Fittings for Use in Hazardous (Classified) Locations (revision of ANSI/UL 2225-2020): 10/8/2020

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

Revision
ANSI/UL 2238-2020, Standard for Cable Assemblies and Fittings for Industrial Control and Signal Distribution (revision of ANSI/UL 2238-2019): 10/9/2020

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

Revision
ANSI/UL 61730-2-2020a, Standard for Safety for Photovoltaic (PV) module safety qualification - Part 2: Requirements for Testing (revision of ANSI/UL 61730-2-2020): 10/15/2020

VITA (VMEbus International Trade Association (VITA))
929 W. Portobello Avenue, Mesa, AZ 85210 p: (602) 281-4497 w: www.vita.com

Revision
ANSI/VITA 67.2-2020, Coaxial Interconnect on VPX, 8 Position SMPM (revision of ANSI/VITA 67.2-2012): 10/15/2020

Call for Members (ANS Consensus Bodies)

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

AAMI (Association for the Advancement of Medical Instrumentation)

901 N. Glebe Road, Suite 300, Arlington, VA 22203 p: (703) 253-8263 w: www.aami.org
CONTACT: Cliff Bernier; cbernier@aami.org

BSR/AAMI/ISO 5840-1-202x, Cardiovascular implants - Cardiac valve prostheses - Part 1: General requirements (identical national adoption of ISO 5840-1:2020 and revision of ANSI/AAMI/ISO 5840-1-2015)

BSR/AAMI/ISO 5840-2-202x, Cardiovascular implants - Cardiac valve prostheses - Part 2: Surgically implanted heart valve substitutes (identical national adoption of ISO 5840-2:2020 and revision of ANSI/AAMI/ISO 5840-2-2015)

BSR/AAMI/ISO 5840-3-202x, Cardiovascular implants - Cardiac valve prostheses - Part 3: Heart valve substitutes implanted by transcatheter techniques (national adoption of ISO 5840-3:2020 with modifications and revision of ANSI/AAMI/ISO 5840-3-2012)

BSR/AAMI/ISO 25539-2-202x, Cardiovascular implants - Endovascular devices - Part 2: Vascular stents (identical national adoption of ISO 25539-2:2020, Cardiovascular implants-Endovascular devices-Part 2: Vascular stents and revision of ANSI/AAMI/ISO 25539-2-2012)

ASME (American Society of Mechanical Engineers)

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

BSR/ASME CSD-1-202x, Controls and Safety Devices for Automatically Fired Boilers (revision of ANSI/ASME CSD-1-2018)

CTA (Consumer Technology Association)

1919 South Eads Street, Arlington, VA 22202 p: (703) 907-7697 w: www.cta.tech
CONTACT: Veronica Lancaster; vlancaster@cta.tech

BSR/CTA 2049-A-202x, Determination of Small Network Equipment Average Energy Consumption (revision and redesignation of ANSI/CTA 2049-2015)

CTA is seeking new members to join the consensus body to participate in the effort to revise CTA-2049. CTA and the R7 Consumer Electronics Networking Committee is particularly interested in adding new members who acquire home networking products from those who create them (called "users").

BSR/CTA 2084-A-202x, Test Methods for Determining A/V Products Energy Efficiency (revision and redesignation of ANSI/CTA 2084-202x)

EOS/ESD (ESD Association, Inc.)

7900 Turin Rd., Bldg. 3, Rome, NY 13440 p: (315) 339-6937 w: www.esda.org
CONTACT: Christina Earl; cearl@esda.org

BSR/ESD S8.1-202x, ESD Association Standard for the Protection of Electrostatic Discharge Susceptible Items - Symbols - ESD Awareness (revision of ANSI/ESD S8.1-2017)

FCI (Fluid Controls Institute)

1300 Sumner Avenue, Cleveland, OH 44115 p: (216) 241-7333 w: www.fluidcontrolsinstitute.org
CONTACT: Leslie Schraff; fci@fluidcontrolsinstitute.org

BSR/FCI 19-1-202x, Standard for Sizing & Selection of Type 2 Secondary Pressure Drainers (new standard)

BSR/FCI 79-1-202x, Standard for Proof of Pressure Ratings for Pressure Regulators and Temperature Regulators (revision of ANSI/FCI 79-1-2016)

NSF (NSF International)

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

BSR/NSF 40-202x (i39r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2019)

BSR/NSF 40-202x (i41r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2019)

BSR/NSF 245-202x (i22r1), Residential Wastewater Treatment Systems - Nitrogen Reduction (revision of ANSI/NSF 245-2019)

BSR/NSF 245-202x (i24r1), NSF 245 - Residential Wastewater Treatment Systems - Nitrogen Reduction (revision of ANSI/NSF 245-2019)

UL (Underwriters Laboratories)

12 Laboratory Drive, Research Triangle Park, NC 27709-3995 p: (613) 368-4432 w: https://ul.org/
CONTACT: Wathma Jayathilake; Wathma.Jayathilake@ul.org

BSR/UL 2610-202X, Standard for Safety for Commercial Premises Security Alarm Units and Systems (revision of ANSI/UL 2610-2020)

Call for Members (ANS Consensus Bodies)

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

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.

Call for Members (ANS Consensus Bodies)

ANSI Accredited Standards Developer

WMMA (ASC O1) (Wood Machinery Manufacturers of America)

ASC O1 – Safety Requirements for Woodworking Machinery

Are you interested in contributing to the development and maintenance of valuable industry safety standards? The ASC O1 is currently looking for members in the following categories:

- o General Interest
- o Government
- o Producer
- o User

If you are interested in joining the ASC O1, contact WMMA Associate Director Jennifer Miller at jennifer@wmma.org.

American National Standards (ANS) Process

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

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

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

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

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

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

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

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

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

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

• ANS Web Forms for ANSI-Accredited Standards Developers - PINS, BSR8|108, BSR11, Technical Report: https://www.ansi.org/portal/psawebforms/

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

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

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

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

Accreditation Announcements (Standards Developers)

Approval of Reaccreditation – ASD

TCATA (Textile Care Allied Trades Association)

Effective October 19, 2020

The reaccreditation of the Textile Care Allied Trades Association (TCATA), an ANSI Member and Accredited Standards Developer, has been approved at the direction of ANSI's Executive Standards Council under its recently revised operating procedures for documenting consensus on TCATA-sponsored American National Standards, effective October 19, 2020.
For additional information, please contact:
Luci Ward, Business Manager
Textile Care Allied Trades Association (TCATA)
4023 N. Armenia Avenue, Suite 270, Tampa, FL 33607
p: (813) 348-0075, e: Luci@tcata.org

Public Review of Application for ASD Accreditation

National Infusion Center Association (NICA)

Comment Deadline: November 16, 2020

The National Infusion Center Association (NICA), a new ANSI member, has submitted an application for accreditation as an ANSI Accredited Standards Developer (ASD) and proposed operating procedures for documenting consensus on NICA-sponsored American National Standards. NICA's proposed scope of standards activity is as follows:

The National Infusion Center Association (NICA) is a trade association dedicated to representing the interests of office-based outpatient care settings where infusible and/or injectable biologics and specialty medications are prepared and administered. This treatment modality is colloquially referred to simply as "infusion" or "infusion therapy" and the aforementioned care settings are often called "infusion centers;" however, NICA Standards are intended to apply to all ambulatory care settings where patients receive non-hazardous* provider-administered medications via parenteral (i. e. intravenous, intramuscular, subcutaneous or intradermal) routes. With the emergence of novel treatment modalities, standards may also be applicable to medications administered by healthcare providers via additional routes (ex. nasal spray).

To obtain a copy of NICA's application and proposed operating procedures or to offer comments, please contact: Ms. Kaitey Morgan, RN, BSN, CRNI, Chief Clinical Officer, National Infusion Center Association, 3307 Northland Drive, Suite 160, Austin, TX 78731; phone: 512.761.7870; email: Kaitey.morgan@infusioncenter.org

Please submit any comments to NICA by November 23, 2020, with a copy to the ExSC Recording Secretary in ANSI's New York Office (E-mail: Jthompso@ANSI.org). As the proposed procedures are available electronically, the public review period is 30 days. You may view or download a copy of NICA's proposed operating procedures from ANSI Online during the public review period at the following URL: https://share.ansi.org/Shared%20Documents/Forms/AllItems.aspx?RootFolder=%2FShared%20Documents%2FStandards%20Activities%2FPublic%20Review%20and%20Comment%2FANS%20Accreditation%20Actions%2FOctober%2023%20%2D%20November%2023%2C%202020%20Public%20Review%20Period&InitialTabId=Ribbon%2EDocument&VisibilityContext=WSSTabPersistence

Accreditation Announcements (Standards Developers)

Public Review of Application for ASD Accreditation

SCS Standards Development (SCS)

Comment Deadline: November 23, 2020

SCS Standards Development (SCS), an ANSI member, has submitted an application for accreditation as an ANSI Accredited Standards Developer (ASD) and proposed operating procedures for documenting consensus on SCS-sponsored American National Standards. SCS' proposed scope of standards activity is as follows:

SCS Standards Development is a non-profit entity established by SCS Global Services to develop standards for underserved industry sectors and claims categories that offer important advances in one or more aspects of sustainability.

To obtain a copy of SCS' application and proposed operating procedures or to offer comments, please contact: Ms. Diana Kirsanova Phillips, Director, Quality Assurance, SCS Standards Development, 2000 Powell, Suite 600, Emeryville, CA 94648; phone: 510.452.9089; Email: dkirsanovaphillips@scsglobalservices.com. Please submit any comments to SCS by November 23, 2020, with a copy to the ExSC Recording Secretary in ANSI's New York Office (E-mail: Jthompso@ANSI.org).

As the proposed procedures are available electronically, the public review period is 30 days. You may view or download a copy of SCS' proposed operating procedures from ANSI Online during the public review period at the following URL: https://share.ansi.org/Shared%20Documents/Forms/AllItems.aspx?RootFolder=%2FShared%20Documents%2FStandards%20Activities%2FPublic%20Review%20and%20Comment%2FANS%20Accreditation%20Actions%2FOctober%2023%20%2D%20November%2023%2C%202020%20Public%20Review%20Period&InitialTabId=Ribbon%2EDocument&VisibilityContext=WSSTabPersistence

Public Review of Revised ASD Operating Procedures

ASC X9 (Accredited Standards Committee X9, Incorporated)

Comment Deadline: November 16, 2020

Accredited Standards Committee X9, Incorporated (ASC X9, Inc.), an ANSI member and Accredited Standards Developer, has submitted revisions to its currently accredited operating procedures for documenting consensus on ASC X9-sponsored American National Standards, under which it was last reaccredited in 2018. As the current 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: Ms. Janet Busch, Program Manager ASC X9, Inc. 275 West Street, Suite 107, Annapolis, MD 21401 phone: 410.267.7707; email: janet.busch@x9.org

You may view/download a copy of the revisions during the public review period at the following URL: https://share.ansi.org/Shared%20Documents/Forms/AllItems.aspx?RootFolder=%2FShared%20Documents%2FStandards%20Activities%2FPublic%20Review%20and%20Comment%2FANS%20Accreditation%20Actions%2FOctober%2016%20%2D%20November%2016%2C%202020%20Public%20Review%20Period&InitialTabId=Ribbon%2EDocument&VisibilityContext=WSSTabPersistence . Please submit any public comments on the revised procedures to ASC X9, Inc. by November 16, 2020, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompso@ANSI.org).

Accreditation Announcements (Standards Developers)

Public Review of Revised ASD Operating Procedures

NMEA (National Marine Electronics Association)

Comment Deadline: November 16, 2020

The National Marine Electronics Association (NMEA), an ANSI member and Accredited Standards Developer, has submitted revisions to its currently accredited operating procedures for documenting consensus on NMEA-sponsored American National Standards, under which it was originally accredited in 2009. As the current revision appear to be a substantive rewrite of the document, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Mr. Mark Oslund National Marine Electronics Association 692 Ritchie Hwy., Suite 104, Severna Park, MD 21146 phone: 410.975.9425; email: moslund@nmea.org

You may view/download a copy of the revisions during the public review period at the following URL: https://share.ansi.org/Shared%20Documents/Standards%20Activities/Public%20Review%20and%20Comment/ANS%20Accreditation%20Actions/October%2016%20-%20November%2016,%202020%20Public%20Review%20Period/NMEA%20ANSI%20Operating%20Procedures%20v10%2009262020.pdf

Please submit any public comments on the revised procedures to NMEA by November 16, 2020, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompso@ANSI.org).

Public Review of Revised ASD Operating Procedures

SCTE (Society of Cable Telecommunications Engineers)

Comment Deadline: November 23, 2020

The Society of Cable Telecommunications Engineers (SCTE), an ANSI member and Accredited Standards Developer, has submitted revisions to its currently accredited operating procedures for documenting consensus on SCTE-sponsored American National Standards, under which it was originally accredited in 2016. As the current revision appear to be a substantive rewrite of the document, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Mr. Dean Stoneback, Sr. Director, Engineering, Society of Cable Telecommunications Engineers, 140 Philips Road, Exton, PA 19341-1318; phone: 484.252.2363; email: dstoneback@scte.org.

You may view/download a copy of the revisions during the public review period at the following URL: https://share.ansi.org/Shared%20Documents/Forms/AllItems.aspx?RootFolder=%2FShared%20Documents%2FStandards%20Activities%2FPublic%20Review%20and%20Comment%2FANS%20Accreditation%20Actions%2FOctober%2023%20%2D%20November%2023%2C%202020%20Public%20Review%20Period&InitialTabId=Ribbon%2ERead&VisibilityContext=WSSTabPersistence. Please submit any public comments on the revised procedures to SCTE by November 23, 2020, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompso@ANSI.org).

Meeting Notices

ANSI Accredited Standards Developer

ASSE (ASC Z490) (American Society of Safety Engineers)

Virtual Meeting: Monday November 16, 2020

American Society of Safety Professionals (ASSP) – Z490 Committee. The American Society of Safety Professionals (ASSP) is the secretariat for Z490 Committee for Criteria for Accepted Practices in Safety, Health and Environmental Training. The next Z490 meeting will take place virtually on Monday November 16, 2020. Those interested in participating can contact ASSP for additional information at LBauerschmidt@assp.org.

ANSI Accredited Standards Developer

CSA America (CSA America, Inc.)

WebEx on November 9, 2020 from 1 p.m. to 4 p.m. EST

CSA Group will hold the Fuel Cell Technical Committee meeting by WebEx on November 9, 2020 from 1 p.m. to 4 p.m. EST. For more information on the meeting and the agenda, contact Mark Duda at mark.duda@csagroup.org.

Guests planning to attend the meeting are required to notify the project manager listed below in advance of the meeting, and provide a brief explanation of interest. If you wish to present specific comments on an item of business, you are required to notify the project manager in writing no later than October 19, 2020. Notification shall include any material proposed for presentation to the Technical Committee. For information, please contact Project Manager, Mark Duda at mark.duda@csagroup.org.

American National Standards Under Continuous Maintenance

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

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

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

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

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

ANSI-Accredited Standards Developers Contacts

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

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

AAMI
Association for the Advancement of Medical Instrumentation
901 N. Glebe Road, Suite 300
Arlington, VA 22203
p: (703) 253-8263
www.aami.org

ABYC
American Boat and Yacht Council
613 Third Street
Suite 10
Annapolis, MD 21403
p: (410) 990-4460
www.abycinc.org

AISI
American Iron and Steel Institute
3425 Drighton Court
Bethlehem, PA 18020-1335
p: (610) 691-6334
www.steel.org

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

ASC X9
Accredited Standards Committee X9, Incorporated
275 West Street
Suite 107
Annapolis, MD 21401
p: (410) 267-7707
www.x9.org

ASHRAE
American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
1791 Tullie Circle, NE
Atlanta, GA 30329
p: (678) 539-1214
www.ashrae.org

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

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

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

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

AWC
American Wood Council
222 Catoctin Circle
Suite 201
Leesburg, VA 20175
p: (202) 463-2770
www.awc.org

AWS
American Welding Society
8669 NW 36th Street
Suite 130
Miami, FL 33166-6672
p: (305) 443-9353 301
www.aws.org

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

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

CGA
Compressed Gas Association
8484 Westpark Drive
Suite 220
McLean, VA 22102
p: (703) 788-2716
www.cganet.com

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

CTA
Consumer Technology Association
1919 South Eads Street
Arlington, VA 22202
p: (703) 907-7697
www.cta.tech

ECIA
Electronic Components Industry Association
13873 Park Center Road
Suite 315
Herndon, VA 20171
p: (571) 323-0294
www.ecianow.org

EOS/ESD
ESD Association, Inc.
7900 Turin Rd., Bldg. 3
Rome, NY 13440
p: (315) 339-6937
www.esda.org

FCI
Fluid Controls Institute
1300 Sumner Avenue
Cleveland, OH 44115
p: (216) 241-7333
www.fluidcontrolsinstitute.org

HL7
Health Level Seven
3300 Washtenaw Avenue
Suite 227
Ann Arbor, MI 48104
p: (313) 550-2073 104
www.hl7.org

ICC
International Code Council
4051 Flossmoor Road
Country Club Hills, IL 60478
p: (888) 422-7233 4205
www.iccsafe.org

IEEE (ASC C63)
Institute of Electrical and Electronics Engineers
445 Hoes Lane
Piscataway, NJ 08854
p: (732) 562-3874
www.ieee.org

ITI (INCITS)
InterNational Committee for Information Technology Standards
700 K Street NW
Suite 600
Washington, DC 20001
p: (202) 737-8888
www.incits.org

NCSLI (ASC Z540)
National Conference of Standards Laboratories
5766 Central Avenue
Suite 150
Boulder, CO 80301-2849
p: (303) 440-3339
www.ncsli.org

NEMA (ASC C8)
National Electrical Manufacturers Association
1300 North 17th Street
Rosslyn, VA 22209
p: (703) 841-3278
www.nema.org

NEMA (Canvass)
National Electrical Manufacturers Association
1300 North 17th Street
Suite 900
Rosslyn, VA 22209
p: (703) 841-3238
www.nema.org

NSAA (ASC B77)
National Ski Areas Association
133 S Van Gordon Street
Suite 300
Lakewood, CO 80228
p: (720) 963-4210

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

OPEI
Outdoor Power Equipment Institute
1605 King Street
3rd Floor
Alexandria, VA 22314
p: (703) 549-7600
www.opei.org

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

TCNA (ASC A108)
Tile Council of North America
100 Clemson Research Blvd.
Anderson, SC 29625
p: (864) 646-8453
www.tcnatile.com

UL
Underwriters Laboratories
12 Laboratory Drive
Research Triangle Park, NC 27709
-3995
p: (919) 549-1851
https://ul.org/

VITA
VMEbus International Trade
Association (VITA)
929 W. Portobello Avenue
Mesa, AZ 85210
p: (602) 281-4497
www.vita.com

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.

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 8253-3, Acoustics - Audiometric test methods - Part 3: Speech audiometry - 1/1/2021, $107.00

AGEING SOCIETIES (TC 314)

ISO/DIS 23617, Ageing societies - Guidelines for an age-inclusive workforce - 1/2/2021, $119.00

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO/DIS 18363-4, Animal and vegetable fats and oils - Determination of fatty-acid-bound chloropropanediols (MCPDs) and glycidol by GC/MS - Part 4: Method using fast alkaline transesterification and measurement for 2-MCPD, 3-MCPD and glycidol by GC-MS/MS - 1/3/2021, $82.00

FINE BUBBLE TECHNOLOGY (TC 281)

ISO/DIS 24261-2, Fine bubble technology - Elimination method for sample characterization - Part 2: Fine bubble elimination techniques - 1/3/2021, $58.00

FLUID POWER SYSTEMS (TC 131)

ISO/DIS 12151-3, Connections for hydraulic fluid power and general use - Hose fittings - Part 3: Hose fittings with ISO 6162-1 or ISO 6162-2 flange ends - 1/7/2021, $58.00

GAS CYLINDERS (TC 58)

ISO/DIS 11114-2, Transportable gas cylinders - Compatibility of cylinder and valve materials with gas contents - Part 2: Non-metallic materials - 11/6/2021, $62.00

ISO/DIS 11114-5, Gas cylinders - Compatibility of cylinder and valve materials with gas contents - Part 5: Test methods for evaluating plastic liners - 1/2/2021, $62.00

HEALTH INFORMATICS (TC 215)

IEC/DIS 81001-5-1, Health software and health IT systems safety, effectiveness and security - Part 5-1: Security - Activities in the product life cycle, $119.00

IMPLANTS FOR SURGERY (TC 150)

ISO/DIS 22679, Cardiovascular implants - Transcatheter cardiac occluders - 1/2/2021, $134.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO/DIS 23218-1, Industrial automation systems and integration - Numerical control systems for machine tools - Part 1: Requirements for numerical control systems - 1/3/2021, $82.00

ISO/DIS 23218-2, Industrial automation systems and integration - Numerical control systems for machine tools - Part 2: Requirements for numerical control system integration - 1/3/2021, $58.00

INFORMATION AND DOCUMENTATION (TC 46)

ISO/DIS 18626, Information and documentation - Interlibrary Loan Transactions - 1/2/2021, $107.00

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

ISO/DIS 21809-2, Petroleum and natural gas industries - External coatings for buried or submerged pipelines used in pipeline transportation systems - Part 2: Single layer fusion-bonded epoxy coatings - 1/1/2021, $125.00

PLASTICS (TC 61)

ISO/DIS 11358-1, Plastics - Thermogravimetry (TG) of polymers - Part 1: General principles - 1/2/2021, $62.00

ROAD VEHICLES (TC 22)

ISO/DIS 6469-3, Electrically propelled road vehicles - Safety specifications - Part 3: Electrical safety - 1/7/2021, $88.00

ROBOTS AND ROBOTIC DEVICES (TC 299)

ISO/DIS 10218-2, Robotics - Safety requirements for robot systems in an industrial environment - Part 2: Robot systems, robot applications and robot cells integration - 1/4/2021, $203.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 11711-2, Ships and marine technology - Aquatic nuisance species - Part 2: Ballast water sample collection and handling - 12/26/2020, $112.00

TEXTILES (TC 38)

ISO/DIS 24461, Textiles - Anti-mosquito performance test method using the attractive blood-feeding apparatus - 1/2/2021, $62.00

THERMAL INSULATION (TC 163)

ISO/DIS 23327, Hygrothermal performance of building materials and products - Determination of moisture sorption/desorption properties in response to periodic temperature variation - 1/3/2021, $53.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO/DIS 7293, Forestry machinery - Portable chain-saws - Engine performance and fuel consumption - 1/1/2021, $46.00

ISO/DIS 8893, Forestry machinery - Portable brush-cutters and grass-trimmers - Engine performance and fuel consumption - 12/31/2020, $40.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 5962, Information Technology - SPDX® Specification V2.2.1 - 1/1/2021, $175.00

ISO/IEC DIS 27070, Information technology - Security techniques - Requirements for establishing virtualized roots of trust - 1/7/2021, $71.00

ISO/IEC DIS 27555, Information security, cybersecurity and privacy protection - Guidelines on personally identifiable information deletion - 1/1/2021, $88.00

ISO/IEC DIS 29120-1, Information technology - Machine readable test data for biometric testing and reporting - Part 1: Test reports - 12/31/2020, $102.00

ISO/IEC DIS 15944-21, Information technology - Business operational view - Part 21: Application of Open-edi business transaction ontology in distributed business transaction repositories - 1/2/2021, $88.00

IEC Standards

1/2443/CDV, IEC 60050-871/AMD1 ED1: Amendment 1 - International Electrotechnical Vocabulary (IEV) - Part 871: Active assisted living (AAL), 01/08/2021

9/2638/FDIS, IEC 62973-4 ED1: Railway applications - Rolling stock - Batteries for auxiliary power supply systems - Part 4: Secondary sealed nickel-metal hydride batteries, 11/27/2020

21/1069(F)/FDIS, IEC 62485-5 ED1: Safety requirements for secondary batteries and battery installations - Part 5: Safe operation of stationary lithium ion batteries, 11/06/2020

22G/430/FDIS, IEC 61800-1 ED2: Adjustable speed electrical power drive systems - Part 1: General requirements - Rating specifications for low voltage adjustable speed DC power drive systems, 11/27/2020

34A/2219/CD, IEC 63220/FRAG5 ED1: Fragment 5 - LED Light sources - Safety requirements, 02/05/2021

34B/2100(F)/FDIS, IEC 60061-2/AMD57 ED3: Amendment 57 - Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 2: Lampholders, 11/06/2020

34C/1510/CD, IEC 62442-1 ED3: Energy performance of lamp controlgear - Part 1: Controlgear for fluorescent lamps - Method of measurement to determine the total input power of controlgear circuits and the efficiency of controlgear, 01/08/2021

34C/1511/CD, IEC 62442-2 ED3: Energy performance of lamp controlgear - Part 2: Controlgear for high intensity discharge lamps (excluding fluorescent lamps) - Method of measurement to determine the efficiency of controlgear, 01/08/2021

34C/1512/CD, IEC 62442-3 ED3: Energy performance of lamp controlgear - Part 3: Controlgear for tungsten-halogen lamps and LED light sources - Method of measurement to determine the efficiency of controlgear, 01/08/2021

36/498(F)/FDIS, IEC 60433 ED4: Insulators for overhead lines with a nominal voltage above 1000 V - Ceramic insulators for A.C. systems - Characteristics of insulator units of the long rod type, 11/20/2020

36/499(F)/FDIS, IEC 60305 ED5: Insulators for overhead lines with a nominal voltage above 1000 V - Ceramic or glass insulator units for a.c. systems - Characteristics of insulator units of the cap and pin type, 11/20/2020

42/386/FDIS, IEC 61083-1 ED3: Instruments and software used for measurements in high-voltage and high-current tests - Part 1: Requirements for instruments for impulse tests, 11/27/2020

46A/1442/CD, IEC 61196-1-100 ED3: Coaxial communication cables - Part 1-100: Electrical test methods - General requirements, 01/08/2021

46A/1443/CD, IEC 61196-1-200 ED3: Coaxial communication cables - Part 1-200: Environmental test methods - General requirements, 01/08/2021

46C/1164/CD, IEC 61156-13: Multicore and symmetrical pair/quad cables for digital communications - Part 13: Symmetrical single pair cables with transmission characteristics up to 20 MHz - Horizontal floor wiring - Sectional specification, 01/08/2021

55/1876(F)/FDIS, IEC 60172 ED5: Test procedure for the determination of the temperature index of enamelled and tape wrapped winding wires, 11/06/2020

65C/1067/FDIS, IEC 61784-3 ED4: Industrial communication networks - Profiles - Part 3: Functional safety fieldbuses - General rules and profile definitions, 11/27/2020

72/1259/FDIS, IEC 60730-2-5/AMD2 ED4: Amendment 2 - Automatic electrical controls - Part 2-5: Particular requirements for automatic electrical burner control systems, 11/27/2020

78/1322/FDIS, IEC 63247-1 ED1: Live working - Footwear for electrical protection - Part 1: Insulating footwear and overboots, 11/27/2020

82/1790/CDV, IEC 61724-1 ED2: Photovoltaic system performance - Part 1: Monitoring, 01/08/2021

86B/4365/CD, IEC 61300-3-33 ED3: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-33: Examinations and measurements - Withdrawal force from a resilient alignment sleeve using pin gauges, 01/08/2021

86B/4366/CD, IEC 61300-2-18 ED3: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-18: Tests - Dry heat, 01/08/2021

91/1666/CDV, IEC 61760-2 ED3: Surface mounting technology - Part 2: Transportation and storage conditions of surface mounting devices (SMD) - Application guide, 01/08/2021

106/529/DPAS, IEC PAS 63184 ED1: Assessment methods of the human exposure to electric and magnetic fields from wireless power transfer systems - Models, instrumentation, measurement and numerical methods and procedures (Frequency range of 1 kHz to 30 MHz)., 12/11/2020

113/557/DTS, IEC TS 62607-6-19 ED1: Nanomanufacturing - Key control characteristics - Part 6-19: Graphene-based material - Elemental composition: CS analyzer, ONH analyzer, 01/08/2021

123/28/CD, IEC 63223 ED1: Management of network assets in power systems - Terminology, 01/08/2021

JTC1-SC25/2982/CD, ISO/IEC 24383 ED1: Information technology - Physical network security for the accommodation of customer premises cabling infrastructure and information technology equipment, 01/08/2021

Newly Published ISO & IEC Standards

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

ISO Standards

ADDITIVE MANUFACTURING (TC 261)

ISO/ASTM 52903-2:2020, Additive manufacturing - Material extrusion-based additive manufacturing of plastic materials - Part 2: Process equipment, $45.00

FOOTWEAR (TC 216)

ISO 24265:2020, Footwear - Test methods for uppers - Resistance to rubbing using a rubber strip, $45.00

INTERNAL COMBUSTION ENGINES (TC 70)

ISO 8528-3:2020, Reciprocating internal combustion engine driven alternating current generating sets - Part 3: Alternating current generators for generating sets, $138.00

MECHANICAL TESTING OF METALS (TC 164)

ISO 7438:2020, Metallic materials - Bend test, $103.00

NON-DESTRUCTIVE TESTING (TC 135)

ISO 22232-3:2020, Non-destructive testing - Characterization and verification of ultrasonic test equipment - Part 3: Combined equipment, $68.00

PAINTS AND VARNISHES (TC 35)

ISO 8501-4:2020, Preparation of steel substrates before application of paints and related products - Visual assessment of surface cleanliness - Part 4: Initial surface conditions, preparation grades and flash rust grades in connection with water jetting, $285.00

RARE EARTH (TC 298)

ISO 22450:2020, Recycling of rare earth elements - Requirements for providing information on industrial waste and end-of-life products, $103.00

ISO 22444-1:2020, Rare earth - Vocabulary - Part 1: Minerals, oxides and other compounds, $45.00

ISO 22444-2:2020, Rare earth - Vocabulary - Part 2: Metals and their alloys, $45.00

REFRIGERATION (TC 86)

ISO 13253/Amd1:2020, Ducted air-conditioners and air-to-air heat pumps - Testing and rating for performance - Amendment 1, $19.00

SMALL TOOLS (TC 29)

ISO 525:2020, Bonded abrasive products - Shape types, designation and marking, $138.00

SOLID MINERAL FUELS (TC 27)

ISO 1013:2020, Coke - Determination of bulk density in a large container, $45.00

TEXTILES (TC 38)

ISO 5079:2020, Textile fibres - Determination of breaking force and elongation at break of individual fibres, $68.00

TYRES, RIMS AND VALVES (TC 31)

ISO 4223-2/Amd1:2020, Definitions of some terms used in the tyre industry - Part 2: Solid tyres - Amendment 1, $19.00

ISO Technical Reports

APPLICATIONS OF STATISTICAL METHODS (TC 69)

ISO/TR 22914:2020, Statistical methods for implementation of Six Sigma - Selected illustration of analysis of variance, $209.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 20013:2020, Information technology for learning, education and training - Reference framework of e-Portfolio information, $185.00

ISO/IEC 21122-5:2020, Information technology - JPEG XS low-latency lightweight image coding system - Part 5: Reference software, $68.00

ISO/IEC TS 29140:2020, Information technology for learning, education and training - Nomadicity and mobile technologies, $185.00

IEC Standards

METHODS FOR THE ASSESSMENT OF ELECTRIC, MAGNETIC AND ELECTROMAGNETIC FIELDS ASSOCIATED WITH HUMAN EXPOSURE (TC 106)

IEC/IEEE 62209-1528 Ed. 1.0 en:2020, Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-worn wireless communication devices - Part 1528: Human models, instrumentation and procedures (Frequency range of 4 MHz to 10 GHz), $410.00

POWER ELECTRONICS (TC 22)

IEC 61803 Ed. 2.0 b:2020, Determination of power losses in high-voltage direct current (HVDC) converter stations with line-commutated converters, $235.00

S+ IEC 61803 Ed. 2.0 en:2020 (Redline version), Determination of power losses in high-voltage direct current (HVDC) converter stations with line-commutated converters, $305.00

SOLAR PHOTOVOLTAIC ENERGY SYSTEMS (TC 82)

IEC 62788-1-4 Amd.1 Ed. 1.0 b:2020, Amendment 1 - Measurement procedures for materials used in photovoltaic modules - Part 1-4: Encapsulants - Measurement of optical transmittance and calculation of the solar-weighted photon transmittance, yellowness index, and UV cut-off wavelength, $23.00

IEC 62788-1-4 Ed. 1.1 b:2020, Measurement procedures for materials used in photovoltaic modules - Part 1-4: Encapsulants - Measurement of optical transmittance and calculation of the solar-weighted photon transmittance, yellowness index, and UV cut-off wavelength, $176.00

IEC Technical Specifications

PERFORMANCE OF HOUSEHOLD ELECTRICAL APPLIANCES (TC 59)

IEC/TS 62885-1 Ed. 3.0 en:2020, Surface cleaning appliances - Part 1: General requirements on test material and test equipment, $199.00

S+ IEC/TS 62885-1 Ed. 3.0 en:2020 (Redline version), Surface cleaning appliances - Part 1: General requirements on test material and test equipment, $259.00

International Organization for Standardization (ISO)

Call for Comment on ISO Standard

ISO 26000 - Guidance on Social Responibility Activity

Comment Deadline: January 29, 2021

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

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

ANSI, is seeking U.S. Stakeholders' input on ISO 26000 to help ANSI determine if ANSI should vote revise, reconfirm as is, or withdraw the standard. Anyone wishing to review ISO 26000 can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, January 29, 2021.

Call for International (ISO) Secretariat

ISO/TC 266 – Biomimetics

Reply Deadline: November 20, 2020

ANSI has been informed by the ISO Technical Management Board (ISO/TMB) that Germany (DIN), the ISO delegated Secretariat of ISO/TC 266 - Biomimetics, wishes to relinquish the role of the Secretariat.
ISO/TC 266 operates under the following scope:
Standardization in the field of biomimetics that includes but is not limited to methods and technologies in biomimetics such as biomimetic materials, processes and products, incorporating the most recent results of R&D projects.
Classification, definition and development of terminology in the field of biomimetics.
Description of the potentials and limitations of biomimetics as an innovation system or a sustainability strategy.
Description and standardization of methods in biomimetics, biomimetic materials, processes and products throughout their entire lifecycle.

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of the U.S. delegated Secretariat for ISO/TC 266. Alternatively, ANSI may be assigned the responsibility for administering an ISO Secretariat. Any request that ANSI accept the direct administration of an ISO Secretariat shall demonstrate that:

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

Note that currently ANSI is not a P-member of ISO/TC 266. A U.S. TAG would also need to be established in order for the U.S. to take on the Secretariat role.

Information concerning the United States forming a U.S. TAG and acquiring the role of international Secretariat may be obtained by contacting ANSI's ISO Team (isot@ansi.org).

International Organization for Standardization (ISO)

Establishment of ISO Subcommittee

ISO/TC 35/SC 16 – Chemical Analysis

ISO/TC 35 – Paints and varnishes has created a new ISO Subcommittee on Chemical analysis (ISO/TC 35/SC 16). The Secretariat has been assigned to Germany (DIN).

ISO/TC 35/SC 16 operates under the following scope:
Standardization of analytical test methods used for paints, varnishes, adhesives and their raw materials

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

ISO Proposal for a New Field of ISO Technical Activity

Ecological Restoration

Comment Deadline: November 20, 2020

SAC, the ISO member body for China, has submitted to ISO a proposal for a new field of ISO technical activity on Ecological Restoration, with the following scope statement:
Standardization of all types and all sizes of ecological restoration projects, including their management, planning, implementation, monitoring, evaluation, and reporting.

Excluded: • ISO/TC 82/SC7 (Mine closure and reclamation management) Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, November 2020. International

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, November 2020.

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

Guidance on Social Responsibility Activity

Comment Deadline: January 14, 2021

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

Standardization in the field of consumer product safety management to develop terminology, requirements, principles, framework, guidance, testing methods and supporting tools, for all relevant organizations, on and to support activities such as risk evaluation, safety early-warning and traceability, intelligent regulatory technology, safety control for emerging consumer products, safety management of the consumer products for specific population groups.

Excluded:
1. Quality management and quality assurance covered by ISO/TC 176.
2. Risk management for organizations covered by ISO/TC262.
3. Standardization in the field of security to enhance the safety and resilience of society covered by ISO/TC292.
4. Ageing societies covered by ISO/TC 314.
5. Inclusive service to consumers in vulnerable situations covered by ISO/PC311.
6. Standardization in the field of consumer incident investigation covered by ISO/PC329.

Note: According to the relevant laws, regulations and standards on consumer products in the world, consumer products do not include food, agricultural products, drugs, cosmetics, special equipment, tobacco, medical equipment, motor vehicles, military, aviation, large transport vehicles and other products. The category of consumer products in this new proposed TC is the same as above.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, January 14, 2020.

Information Concerning

Corrections

Call for Comment

BSR/NSF 40-202x (i38r1) Project Intent

The project intent for BSR/NSF 40-202x (i38r1) was incorrectly described as a reaffirmation. The Standards Action Public Review dated: 10/16/2020 is actually a (revision of ANSI/NSF 40-2019). The actual revisions were published in the same issue.

International Code Council (ICC) & Solar Rating and Certification Corporation (ICC-SRCC)

PUBLIC REVIEW #3

ICC 900/SRCC 300, SOLAR THERMAL SYSTEM STANDARD

October 9, 2020

See Page 5 for Public Review Instructions. Comments due November 23, 2020.

INTRODUCTION

The following draft changes to the Public Review 2 versions of the ICC 900/SRCC 300 standard (dated 9/2/2020) were developed by the IS-STSC in response to public comments received on the documents. Public comments were formally addressed by the IS-STSC during a meeting conducted on 10/9/2020. See the associated Meeting Minutes and Committee Action Report on the project webpage. Public Review #3 will take place between 10/23/2020 and 11/23/2020 on the draft changes shown below. See page 3 of this document for instructions on submitting comments for Public Review #3 and page 4 for the comment form.

PROPOSED CHANGES TO ICC 900/SRCC 300 PR2 DRAFT (9/2/2020 version)

TABLE 301.8.3
NON-POTABLE WATER PIPE

MATERIAL	STANDARD
Acrylonitrile butadiene styrene (ABS) plastic pipe	ASTM D 1527; ASTM D 2282
Brass pipe	ASTM B 43
Brass tubing	ASTM B 135
Copper or copper-alloy pipe	ASTM B 42; ASTM B 302
Copper or copper-alloy tube (Type K, L or M)	ASTM B 75; ASTM B 88; ASTM B251
Chlorinated polyvinyl chloride (CPVC) plastic pipe	ASTM D 2846; ASTM F 441; ASTM F 442
Cross-linked polyethylene/aluminum/cross-linked polyethylene (PEX-AL-PEX) pressure pipe	ASTM F 1281; CSA-B-137.10
Cross-linked polyethylene (PEX) tubing	ASTM F 876; ASTM F 877
Ductile iron pipe	AWWA C151/A21.51; AWWA C115/A21.15
Flexible stainless-steel pipe	ASME A112.18.6/CSA B125.6; ISO 10380
EPDM hose	**ASTM D3568-03**
Polyethylene/aluminum/polyethylene (PE-AL-PE) pressure pipe	ASTM F 1282; CSA B137.9
Polyethylene (PE) pipe, tubing and fittings (for ground source heat pump loop systems)	ASTM D 2513; ASTM D 3035; ASTM D 2683; ASTM F 1055; ASTM D 2837; ASTM D 3350; ASTM D 1693
Polypropylene (PP) plastic pipe	ASTM F 2389
Polyvinyl chloride (PVC) plastic pipe	ASTM D 1785; ASTM D 2241
Raised temperature polyethylene (PE-RT)	ASTM F 2623; ASTM F 2769
Steel pipe	ASTM A 53; ASTM A 106
Steel tubing	ASTM A 254
Stainless steel pipe (Type 304/304L)	ASTM A 312; ASTM A 778
Stainless steel pipe (Type 316/316L)	ASTM A 312; ASTM A 778

PUBLIC REVIEW #3 INSTRUCTIONS

The proposed changes to the ICC/SRCC standards above have been developed by the ICC Solar Thermal Standard Consensus Committee (IS-STSC). The changes were made in response to comments submitted regarding the Public Release #2 documents during a comment period. The committee adjudicated the comments during Meeting #12 conducted on 10/9/2020 and approved their release for public comment in Public Review #3.

The Third Public Review will begin on October 23, 2020 and will conclude on November 23, 2020. Any member of the public may submit comments during this time. Public comments must be submitted in accordance with the following requirements in order to be accepted and considered:

1. All public comments must be received by ICC midnight, Central Time on November 23, 2020 via e-mail (kaittaniemi@iccsafe.org), fax ((708) 799-0320) or by mail (International Code Council, 4051 W. Flossmoor Rd. Country Club Hills, IL 60478 USA).
2. All public comments must be submitted using the *ICC Standards – Public Comment Form.* This form can be downloaded from the ICC website at https://www.iccsafe.org/standards-public-forms/ and is also attached at the end of this document.
3. Public comment forms must be completed in its entirety and be signed. Electronic signatures are acceptable.
4. **COMMENTS ARE ONLY PERMITTED REGARDING SECTIONS OF THE STANDARDS THAT HAVE UNDERGONE CHANGES SINCE THE FIRST PUBLIC REVIEW, LISTED ABOVE.** Underlining is used to indicate text that has been added and text to be removed is indicated with ~~strikeout formatting~~. Comments relating to sections of the standard that have not undergone changes in this draft will not be accepted. Comments must indicate the specific section of this draft document to which they apply.
5. Comments must indicate the specific action requested. The options are: REVISE (with specific text to be changed), NEW (with specific text to be added), DELETE & SUBSTITUTE (with the specific text to be removed and replacement text) and DELETE (with the specific text to be removed). If the text to be changed, added or deleted is not provided, the comment will not be accepted.
6. Supporting information must be provided to substantiate the comment and specific action requested. If a reason statement is not provided, the comment will not be accepted.

All accepted comments will be formally considered individually by the IS-STSC after the comment period in according with ICC's standard development procedures. Meetings of the IS-STSC are open to the public. For more information on the IS-STSC, see the committee webpage at https://www.iccsafe.org/products-and-services/standards-development/is-stsc/

All standard revision processes are conducted in compliance with ICC's ANSI-approved standard development procedures. Click here for information on ICC's ANSI-approved standards development process. Any questions regarding ICC's Standard Development Procedures, this form, or the Public Comment Process should be directed to Karl Aittaniemi (kaittaniemi@iccsafe.org or (888) 422-7233 x 4205)

Tracking number 40i39r1 et al
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Multiple revisions for 40i39r1, 245i22

Revision to NSF/ANSI 40-2019
Issue 39 Revision 1 (October 2020)

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

NSF/ANSI Standard
For Wastewater Technology –

Residential Wastewater Treatment Systems (NSF/ANSI 40)

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8 Performance testing and evaluation

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8.4 Analytical descriptions

8.4.1 pH, TSS, BOD_5, and $CBOD_5$

The pH, TSS, and BOD_5 of the collected influent and the pH, TSS and $CBOD_5$ of the collected effluent 24-hour composite samples shall be determined with the appropriate methods in *Standard Methods* for each listed parameter. Grab samples shall be collected during the morning or noon dosing period for gravity flow systems and during a time of discharge for systems that are pump discharged.

NOTE — *Standards Methods* requires pH and temperature to be sampled as grab samples.

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Tracking number 40i39r1 et al
© 2020 NSF International
Multiple revisions for 40i39r1, 245i22

Revision to NSF/ANSI 40-2019
Issue 39 Revision 1 (October 2020)

NSF/ANSI Standard
for Wastewater Technology –

Residential Wastewater Treatment Systems – Nitrogen Reduction (NSF/ANSI 245)

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8 Performance testing and evaluation

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8.3 Sample collection

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8.3.2 Collection methods

All sample collection shall be in accordance with *Standard Methods*, unless otherwise specified. Influent wastewater samples shall be flow-proportional, 24-h composites obtained during periods of system dosing. Effluent samples shall be flow-proportional, 24-h composites obtained during periods of system discharge. Effluent samples shall be representative of all treated effluent discharged from the system, as sampled from a central point of collection of all treated effluent. Grab samples shall be collected for pH, temperature, and dissolved oxygen (DO). The location of the grab sample shall be appropriate to provide a sample that is representative of the influent or effluent, and shall be determined in conjunction with the manufacturer. Grab samples shall be collected during the morning or noon dosing period for gravity flow systems and during a time of discharge for systems that are pump discharged.

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

NSF/ANSI Standard
For Wastewater Technology –

Residential Wastewater Treatment Systems

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2 Normative references

~~The following documents contain provisions that, through reference in this text, constitute provisions of this Standard. At the time of publication, the indicated editions were valid. All standards are subject to revision, and parties are encouraged to investigate the possibility of applying the recent editions of the standards indicated below.~~

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

Rationale: updated to boilerplate Normative References language.

American Public Health Association (APHA), American Water Works Association (AWWA) & Water Environment Federation (WEF): *Standard Methods for the Examination of Water and Wastewater,* 21st Edition, 2005 (hereinafter referred to as *Standard Methods*)[3]

ANSI/AWS D.1.1/D1.1M:~~2010~~ 2015, *Structural Welding Code – Steel*[4]

ANSI/AWS D1.3/D1.3M:~~2008~~ 2018, *Structural Welding Code – Sheet Steel,* 5th Edition, with Errata[4]

NFPA 70, *National Electrical Code* (NEC), ~~2011~~ *2020*[5]

US EPA, Code of Federal Regulations (CFR), Title 40, *Protection of Environment*, July 1, ~~2010~~ 2020[6]

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4.2 Exterior surfaces

Exterior surfaces shall show no visible signs of structural change following performance testing and evaluation including, but not limited to, flaking, pitting, or the formation of structurally significant cracks.

~~NOTE —~~ Small surface cracks exhibited by concrete tanks are normally expected in some circumstances and shall not be considered structural deterioration.

Rationale: Informative NOTEs cannot contain "shall"

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5.9 Flow design

Systems shall have a designated flow path that is reflective of the entire treatment process. During periods of normal system operation, as well as periods of system and component malfunction, the design and construction of the system shall preclude alternative flow paths and prevent the discharge of wastewater from an opening external to the designated flow path.

~~NOTE —~~ The discharge of wastewater from access ports shall be permissible during system malfunction

Rationale: Informative NOTEs cannot contain "shall"

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8.2.2.1 Design loading

The system shall be dosed 7 days per week with a wastewater volume equivalent to the daily hydraulic capacity of the system. The following schedule shall be adhered to for dosing:

Time frame	Rated daily hydraulic capacity (%)
6:00 am to 9:00 am	approximately 35
11:00 am to 2:00 pm	approximately 25
5:00 pm to 8:00 pm	approximately 40

~~NOTE —~~ The individual dosage shall be no more than 10 gal per dose, unless the dosage system is based on a continuous flow, and be uniformly applied over the dosing periods.

Rationale: Informative NOTEs cannot contain "shall"

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8.2.3 Dosing volumes

The 30-day average volume of the wastewater delivered to the system shall be within 100% ± 10% of the system's rated hydraulic capacity.

NOTE — All dosing days, except those with dosing requirements less than the daily hydraulic capacity, shall be included in the 30-day average calculation.

Rationale: Informative NOTEs cannot contain "shall"

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8.3 Sample collection

8.3.1 General

8.3.1.1 A minimum of 96 data days shall be required during system performance testing and evaluation. The maximum length of the test to obtain the 96 data days shall be no more than 34 weeks. No routine service or maintenance shall be performed on the system whether the time period to achieve the 96 data days falls within or exceeds 26 weeks.

~~NOTE —~~ In the event that a catastrophic site problem occurs, as described in Section 8.5.1.2, the maximum length of the test shall be no more than 37 weeks.

Rationale: Informative NOTEs cannot contain "shall"

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8.5.2 Class I systems

The following criteria shall be met in order for a system to be classified as a Class I residential wastewater treatment system.

All requirements for each parameter shall be achieved except as provided for in Section 8.5.2.2.

~~NOTE —~~ Sections 8.5.1.3, 8.5.1.4, and 8.5.1.5 are testing minimums. These minimums shall be attained to be considered a valid test.

Rationale: Informative NOTEs cannot contain "shall"

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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 *red italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI Standard
For Wastewater Technology –

Residential Wastewater Treatment Systems – Nitrogen Reduction

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1.2 Scope

This Standard contains minimum requirements for residential wastewater treatment systems having rated treatment capacities of 1514 L/d (400 gal/d) to 5678 L/d (1500 gal/d) that are designed to provide reduction of nitrogen in residential wastewater. Management methods for the treated effluent discharged from these systems are not addressed by this Standard. A system, in the same configuration, must either be demonstrated to have met the Class I requirements of NSF/ANSI 40, *Residential Wastewater Treatment Systems*, or must meet the Class I requirements of NSF/ANSI 40 during concurrent testing for nutrient removal.

The water chemistry of a site for installation and use of these systems is critical to achieve expected water quality results. Before these systems are installed at a location, the water used within the residence must be analyzed to verify that there is sufficient alkalinity to achieve the system's performance. Refer to Annex I-1 for further explanation.

Natural systems involving features such as vegetation, wetlands, free-access or buried sand filters, and soil systems may be evaluated using this ~~protocol~~ Standard as long as effluent samples are representative of all treated effluent discharged from the system, as sampled from a central point of collection of all treated effluent.

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2 Normative references

~~The following documents contain provisions that, through reference in this text, constitute provisions of this Standard. At the time of publication, the indicated editions were valid. All standards are subject to revision, and parties are encouraged to investigate the possibility of applying the recent editions of the Standards indicated below.~~

The following documents contain requirements that, by reference in this text, constitute requirements of this Standard. At the time of publication, the indicated editions were valid. All of the documents are subject to

revision and parties are encouraged to investigate the possibility of applying the recent editions of the documents indicated below. The most recent published edition of the document shall be used for undated references.

Rationale: updated to boilerplate Normative References language.

American Public Health Association (APHA), *Standard Methods for the Examination of Water and Wastewater,* 21st Edition, 2005 (hereinafter referred to as *Standard Methods*)[3]

ANSI/AWS D.1.1/D1.1M:~~2010~~ 2015, *Structural Welding Code – Steel*[4]

ANSI/AWS D1.3/D1.3M:~~2008~~ 2018, *Structural Welding Code – Sheet Steel,* 5th Edition, with Errata**Error! Bookmark not defined.**

NFPA 70, *National Electrical Code* (NEC), ~~2011~~ *2020*[5]

NSF/ANSI 40, *Residential Wastewater Treatment Systems*

US EPA, Code of Federal Regulations (CFR), Title 40: *Protection of Environment*, July 1, ~~2010~~ 2020[6]

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4.2 Exterior surfaces

Following performance testing and evaluation, exterior surfaces shall show no visible signs of structural change, including, but not limited to, flaking, pitting, or the formation of structurally significant cracks.

~~NOTE —~~ Small surface cracks exhibited by concrete tanks are normally expected in some circumstances and shall not be considered structural deterioration.

Rationale: Informative NOTEs cannot contain "shall"

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5.9 Flow design

Systems shall have a designated flow path that is reflective of the entire treatment process. During periods of normal system operation, as well as periods of system and component malfunction, the design and construction of the system shall preclude alternative flow paths and prevent the discharge of wastewater from an opening external to the designated flow path.

~~NOTE —~~ The discharge of wastewater from access ports shall be permissible during system malfunction

Rationale: Informative NOTEs cannot contain "shall"

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8.2.2.1 Design loading

The system shall be dosed 7 d/wk with a wastewater volume equivalent to the daily hydraulic capacity of the system. The following schedule shall be adhered to for dosing:

Time frame	Approximate % rated daily hydraulic capacity
6 am to 9 am	35
11 am to 2 pm	25
5 pm to 8 pm	40

~~NOTE —~~ An individual dose shall be no more than 10 gal (37.9 L), unless the dosage system is based on a continuous flow, and the doses shall be uniformly applied over the dosing period.

Rationale: Informative NOTEs cannot contain "shall"

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8.2.3 Dosing volumes

The 30-day average volume of the wastewater delivered to the system shall be within 100% ± 10% of the system's rated hydraulic capacity.

NOTE — All dosing days, except those with dosing requirements less than the daily hydraulic capacity, shall be included in the 30-day average calculation.

Rationale: Informative NOTEs cannot contain "shall"

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8.2.3 Dosing volumes

The 30-d average volume of the wastewater delivered to the system shall be within 100 ± 10% of the system's rated hydraulic capacity.

~~NOTE —~~ All dosing days, except those with dosing requirements less than the daily hydraulic capacity, shall be included in the 30-d average calculation.

8.4.2 Catastrophic site problems

In the event that a catastrophic site problem not described in this Standard including, but not limited to, influent characteristics, malfunctions of test site apparatus and acts of God, jeopardizes the validity of the performance testing, manufacturers shall be given the choice to:

— perform maintenance on the system, reinitiate system start-up procedures, and restart the performance testing; or

— with no routine maintenance performed, have the system brought back to pre-existing conditions and resume testing within 3 wk after the site problem has been identified and corrected. Data collected during the system recovery period shall be excluded from the effluent averages.

~~NOTE —~~ "Pre-existing conditions" shall be defined as the point when the results of 1 wk worth of sampling are within 15% of the averages of the samples from the previous 3 wk of sampling.

BSR/UL 231, Standard for Safety for Power Outlets

1. Inclusion of 30A and 50A locking and grounding receptacles evaluated for the application

Table 8.1

Required receptacle patterns

Power outlet or power outlet fitting marking[a]	~~Common general-purpose non~~ Non-locking grounding type receptacle configurations (see Figure 8.1)					~~Common specific-purpose locking~~ Locking and grounding type receptacle configurations (see Figure 8.2)				~~Common pin~~ Pin- and-sleeve type configurations (see Figure 8.3)
	5-15R[b] 15 A, 125 V	5-20R[b] 20 A, 125 V	TT-30R[b] 30 A, 125 V	14-50R[b] 50 A, 125 – 250 V	Other types	30 A, 125 V	50 A, 125 – 250 V	Other types	Other ratings	60 – 100 A, 125 – 250 V
No marking for service equipment	A[c]	A[c]	A[c]	A[c]	A[c]	A[c]	A[c]	A[c]	A[c]	A[c]
Temporary site service equipment	A[c]	A[c]	A[c]	A[c]	A[c]	A[c]	A[c]	A[c]	A[c]	A[c]
Mobile home service equipment	A[c]	A[c]	A[c]	A[e]	A[c, e]	A[e]	A[e]	A[c, e]	A[c, e]	A[e]
Recreational vehicle site supply equipment	A[c]	R[c, f]	R[c, f]	R[e, f]	A[c, e]	A	A[e]	A[c, e]	A[c, e]	A[e]
Marina and boatyard service equipment; marina type equipment	A[c, g]	A[c, g]	N[d, g]	N[d, g]	A[c, g]	R[h]	R[h]	A[i]	N	R[h]
Service equipment	N[i]	N[i]	N[i]	N[i]	N[i]	N[i]	N[i]	N[i]	N[i]	N[i]

NOTE – The letter coding used in this table is defined as follows:

A – May be used; N – Shall not be used; R – Required to be used

[a] When marked for any combination of services, the receptacles provided shall include those required for each use.

[b] Receptacle pattern as specified in the Standard for Wiring Devices – Dimensional Specifications, ANSI/NEMA WD 6.
[c] Ground-fault circuit protection for personnel shall be provided as specified in Ground-fault circuit protection for personnel, Section 8.5.

[d] The receptacle patterns may be used if the power outlet is not restricted to use only as temporary site, mobile home, or marina and boatyard service equipment.

[e] 125/240 volt receptacles are to be marked in accordance with 35.18.

[f] A receptacle to supply electric power to a recreational vehicle shall be one of the three configurations noted with the letter code "R."

[g] These receptacles shall be marked as described in 35.59 as not to be used to supply power to boats.

[h] Receptacles provided to supply shore power to boats shall be one or more of the following types: A receptacle of the locking and grounding type shall be rated not less than 30 A or more than 50 A. Receptacles of the pin and sleeve type shall be rated 60 A or higher. and shall be one of the configurations shown in Figure 8.2. Receptacles of the pin and sleeve type shall be rated 60 A or higher, and shall be one of the configurations shown in Figure 8.3.

[i] Receptacles may be provided only in accordance with 8.2.4.

[j] Other locking and grounding type receptacles, with 30 A, 125 V or 50 A, 125 – 250 V ratings, that are marked for use in marina or boatyard applications, may be provided in addition to the required receptacle configurations.

BSR/UL 555C, Standard for Ceiling Dampers

PROPOSAL

10.1.3 Ceiling dampers and ceiling air diffusers are to be tested with airflow in the direction of intended use ~~their intended direction or directions~~. If ceiling dampers or ceiling air diffusers are tested with airflow in both directions, one test sample is to be tested in one direction then another test sample is to be mounted such that the airflow is in the opposite direction and tested.

BSR/UL 779, Standard for Safety for Electrically Conductive Floorings

1. *This proposal provides revisions to the proposal document dated September 4, 2020 per comments received.*

PROPOSAL

9.2.2 Alternatively, the reference to the document number and revision level on the marking can be excluded if the location of the electronic documentation marked on the apparatus (e.g. URL, QRcode) involves an electronic search feature that makes the required documentation available by entering specific information that is required to be marked on the equipments, such as any combination of model number, part number, serial number, date code, or other unique identifier.

9.2.3 Where a QRcode is used to provide the required instructional material, and the QRcode contains all required instructional material (as opposed to merely referencing a URL that contains required instructional material), a document number and revision level need not be indicated.

9.2.4 Where some or all of the required instructional material is provided by electronic media, the required instructional material shall be available in printed format upon request of the user.

NOTE 1 Where required instructional material, especially drawings, is provided in an electronic documentation format, consideration should be given by the manufacturer to its viewability and print capability by the user.

NOTE 2 While electronic medium is permitted for required instructions as part of standards supported by the NEC, CE Code and IECEx System, other constraints may apply in certain market places (e.g. the European Commission's Standing Committee for the ATEX Directive has taken the view that at least the safety related parts of the instructions in respect of ATEX should be supplied in paper form).

BSR/UL 823, Standard for Safety for Electric Heaters for Use in Hazardous (Classified) Locations

1. This proposal provides revisions to the proposal document dated May 22, 2020 per comments received.

PROPOSAL

33.28A.1.1 All test sample ~~joints~~ flamepaths are to be based upon the manufacturers maximum specified gap, and tested with the minimum specified ~~joint~~ flamepath length. Specially prepared test samples having modified ~~joint~~ flamepath lengths, gaps and engagements shall be employed. For Groups A, B, or A and B, test factors per 21.23 and 21.26 are also required to be introduced into the test pressure or test gap in addition to the test factors above.

Table 33.28A

Test factors to increase pressure or flamepath test gap

Temperature up to °C	Groups A & B 27.5% H2 7.5% C2H2	Group C 37% H2	Group D 55% H2
60	1.00	1.00	1.00
70	1.11	1.04	1.05
80	1.13	1.05	1.06
90	1.15	1.06	1.07
100	1.16	1.06	1.08
110	1.18	1.07	1.09
120	1.20	1.08	1.10
130	1.22	1.09	1.11

SB1.29 item b) only proposed changes as follows:

b) For equipment for use in Group C or D classified locations, rated not less than minus ~~50~~ 60°C (minus ~~58~~ 76°F), not subject to pressure piling, and determined to comply with the flame propagation requirements in SB1.3(a), the equipment shall alternatively be subjected to the hydrostatic pressure test using the test factors for low ambient rated equipment found in Table ~~22.1~~ 34.1, based upon room ambient explosion pressure tests; or

SB1.29A.1.1 All test sample are to be based upon the manufacturers maximum specified gap, and tested with the minimum specified flamepath length. Specially prepared test samples having modified flamepath lengths, gaps and engagements shall be employed.

Table SB1.29A

Test factors to increase pressure or flamepath test gap

Temperature up to °C	Groups A & B 27.5% H2 7.5% C2H2	Group C 37% H2	Group D 55% H2
60	1.00	1.00	1.00
70	1.11	1.04	1.05
80	1.13	1.05	1.06
90	1.15	1.06	1.07
100	1.16	1.06	1.08
110	1.18	1.07	1.09
120	1.20	1.08	1.10
130	1.22	1.09	1.11

BSR/UL 1067, Standard for Safety for Electrically Conductive Equipment and Materials for Use in Flammable Anesthetizing Locations

1. *This proposal provides revisions to the proposal document dated September 4, 2020 per comments received.*

PROPOSAL

22 Instructions ~~Manual~~

22.1 General

22.1.1 The manufacturer shall provide instructions for proper use of the product except for a product for which the use is obvious.

22.1.2 Bonding appliances shall be provided with instructions for mounting.

22.2 Electronic medium for required instructions

22.2.1 The required instructional material of this standard may be provided additionally or alternatively by electronic media under the following conditions:

a) Where all required instructional material is provided by electronic media, there shall be marking on the apparatus that contains the international symbol ⚠ (Reference No. 0434B of ISO 7000) along with the document number, revision level and location of the electronic documentation (e.g. URL, QRcode).

b) Where only some of the required instructional material is provided by electronic media and some is printed:

1) there shall be marking on the apparatus that contains the international symbol ⚠ (Reference No. 0434B of ISO 7000), along with the document number, revision level and location of the electronic documentation (e.g. URL, QRcode); and

2) the printed instructions provided with the apparatus shall clearly identify that additional information is available electronically, along with the document number, revision level and location of this electronic documentation (e.g. URL, QRcode).

Exception: For small electrical apparatus where some or all of the instructional material is to be provided by electronic media, and where there is limited space for both the international symbol ⚠ (Reference No. 0434B of ISO 7000) and the document number, revision level and location of the electronic documentation (e.g. URL, QRcode):

a) the international symbol ⚠ (Reference No. 0434B of ISO 7000) shall be marked on the apparatus; and

b) *printed instructions shall be provided with the apparatus that, as a minimum, indicates the document number, revision level and location of the electronic documentation (e. g. URL, QRcode).*

NOTE When electronic documentation is referenced either on the device or on the printed instructions, the location given can be the specific location for the required instructions (e. g. direct link to the specific instructions), or can be a more general location. (e.g. the URL for the overall manufacturer's website). It is the manufacturer's responsibility to assure that the location of the required instructions is accessible by the user.

22.2.2 Alternatively, the reference to the document number and revision level on the marking can be excluded if the location of the electronic documentation marked on the apparatus (e.g. URL, QRcode) involves an electronic search feature that makes the required documentation available by entering specific information that is required to be marked on the equipment, such as any combination of model number, part number, serial number, date code, or other unique identifier.

22.2.3 Where a QRcode is used to provide the required instructional material, and the QRcode contains all required instructional material (as opposed to merely referencing a URL that contains required instructional material), a document number and revision level need not be indicated.

22.2.4 Where some or all of the required instructional material is provided by electronic media, the required instructional material shall be available in printed format upon request of the user.

NOTE 1 Where required instructional material, especially drawings, is provided in an electronic documentation format, consideration should be given by the manufacturer to its viewability and print capability by the user.

NOTE 2 While electronic medium is permitted for required instructions as part of standards supported by the NEC, CE Code and IECEx System, other constraints may apply in certain market places (e.g. the European Commission's Standing Committee for the ATEX Directive has taken the view that at least the safety related parts of the instructions in respect of ATEX should be supplied in paper form).

BSR/UL 1203, Standard for Safety for *Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations*

***1. Revisions* to add number of ignitions column to Tables 21.3A and SB1.6.**

PROPOSAL

Table 21.3A
Test factors to increase pressure or joint test gap

Temperature up to °C	Groups A & B 27.5% H2 7.5% C2H2	Group C 37% H2	Group D 55% H2	Minimum Number of Tests
60	1.00	1.00	1.00	5
70	1.11	1.04	1.05	5
80	1.13	1.05	1.06	5
90	1.15	1.06	1.07	5
100	1.16	1.06	1.08	5
110	1.18	1.07	1.09	5
120	1.20	1.08	1.10	5
130	1.22	1.09	1.11	5

Table SB1.6
Test factors to increase pressure or joint test gap

Temperature up to °C	Groups A & B 27.5% H2 7.5% C2H2	Group C 37% H2	Group D 55% H2	Minimum Number of Tests
60	1.00	1.00	1.00	5
70	1.11	1.04	1.05	5
80	1.13	1.05	1.06	5
90	1.15	1.06	1.07	5
100	1.16	1.06	1.08	5
110	1.18	1.07	1.09	5
120	1.20	1.08	1.10	5
130	1.22	1.09	1.11	5