ANSI STANDARDS ACTION

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Contents

American National Standards

Call for comment on proposals listed

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. Fax: 212-840-2298; e-mail: psa@ansi.org

* Standard for consumer products

ISSN 0038-9633

Comment Deadline: March 8, 2020

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

Addenda

BSR/ASHRAE/IES Addendum b to BSR/ASHRAE/IES Standard 90.1-202x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)

Demand Controlled Ventilation (DCV) should be required when cost-effective for occupied spaces considering the required outside air for ventilation required based on number of people in the space, varying space sizes, use of energy recovery equipment, and climate zone. The current requirement has a threshold based only on space size and space occupancy. This proposal seeks to more effectively align DCV requirements with all those variables to produce a cost-effective solution.

Click here to view these changes in full

Send comments (with optional copy to psa@ansi.org) to: Online Comment Database at http://www.ashrae.org/standards-research--technology/public-review-drafts

BSR/ASHRAE/IES Addendum cr to BSR/ASHRAE/IES Standard 90.1-202x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)

This second public review draft of Addendum cr modifies the original addendum to clarify that these requirements only apply to new buildings.

Click here to view these changes in full

Send comments (with optional copy to psa@ansi.org) to: Online Comment Database at http://www.ashrae.org/standards-research--technology/public-review-drafts

BSR/ASHRAE/IES Addendum c to BSR/ASHRAE/IES Standard 90.1-202x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)

Section 6.4.3.3 includes an exception for off-hour controls in small units. However, this negates the requirements in 6.4.3.3.1 for residential spaces that typically have small HVAC units. The controls for hotel and motel guest rooms have been shown to be cost effective and less costly and less complex controls for apartments will also be cost effective and are readily available. These programmable thermostats are required under residential energy codes for residential spaces in buildings three stories and lower. An exception is made here to allow them in other spaces.

Click here to view these changes in full

Send comments (with optional copy to psa@ansi.org) to: Online Comment Database at http://www.ashrae.org/standards-research--technology/public-review-drafts

BSR/ASHRAE/IES Addendum da to BSR/ASHRAE/IES Standard 90.1-202x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)

The changes to section G2.2 in this addendum are made in response to the public comments that were received during the first public review.

Click here to view these changes in full

Send comments (with optional copy to psa@ansi.org) to: Online Comment Database at http://www.ashrae.org/standards-research--technology/public-review-drafts

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME B16.36-202x, Orifice Flanges (revision of ANSI/ASME B16.36-2015)

This Standard covers pressure-temperature ratings, materials, dimensions, tolerances, testing, and making of flanges (similar to those covered in ASME B16.5) that have orifice pressure differential connections

Click here to view these changes in full

Send comments (with optional copy to psa@ansi.org) to: Andres Carrion, carriona@asme.org

NSF (NSF International)

Revision

BSR/NSF 46-202x (i32r1), Evaluation of Components and Devices Used in Wastewater Treatment Systems (revision of ANSI/NSF 46-2018)

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

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 330A-202x, Standard for Safety for Hose and Hose Assemblies for Use with Dispensing Devices Dispensing Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (revision of ANSI/UL 330A-2019)

The following is being proposed: (1) Revision to immersion tests with respect to hose covers, and (2) Revision to tensile strength and elongation tests with respect to hose covers.

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

BSR/UL 746A-202x, Standard for Safety for Polymeric Materials - Short Term Property Evaluations (revision of ANSI/UL 746A-2019)

This proposal covers the inclusion of the Glow-Wire Test (GWIT) into Section 9.9 for Polymer Variation Evaluation. An earlier version of this proposal was posted in UL's CSDS for ballot on August 2, 2019.

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: March 23, 2020

AAFS (American Academy of Forensic Sciences)

New Standard

BSR/ASB Std 077-202x, Standard for the Developmental and Internal Validation of Forensic Serological Methods (new standard)

This standard provides requirements for developmental and internal validations of forensic serological methods to evaluate body fluids, stains, or residues related to forensic investigations. This standard does not address validation of forensic DNA analysis procedures.

Single copy price: Free

Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: http://www.asbstandardsboard.org/notice-of-standard-development-and-coordination/.

Order from: Document will be provided electronically on AAFS Standards Board website http://www.asbstandardsboard.org/ free of charge.

Send comments (with optional copy to psa@ansi.org) to: asb@aafs.org

BSR/ASB Std 110-202x, Standard for Training in Forensic Serological Methods (new standard)

This standard provides the general requirements for a forensic serology training program to evaluate body fluids, stains, or residues related to forensic investigations. This standard does not address training in forensic DNA analysis procedures.

Single copy price: Free

Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: http://www.asbstandardsboard.org/notice-of-standard-development-and-coordination/.

Order from: Document will be provided electronically on AAFS Standards Board website http://www.asbstandardsboard.org/ free of charge.

Send comments (with optional copy to psa@ansi.org) to: asb@aafs.org

BSR/ASB Std 116-202x, Standard for Training in Forensic DNA Quantification Methods. (new standard)

This standard provides the requirements for a forensic DNA laboratory's training program in DNA quantification.

Single copy price: Free

Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: http://www.asbstandardsboard.org/notice-of-standard-development-and-coordination/.

Order from: Document will be provided electronically on AAFS Standards Board website http://www.asbstandardsboard.org/ free of charge.

Send comments (with optional copy to psa@ansi.org) to: asb@aafs.org

BSR/ASB STD 117-202x, Standard for the Examination of Stamp Impressions and Stamping Devices (new standard)

This standard provides procedures to be used by forensic document examiners for forensic examinations and comparisons involving stamp impressions (often referred to as rubber stamp impressions) and stamping devices.

Single copy price: Free

Obtain an electronic copy from: This is a public comment period for a recirculation. Updated document, redline version, and comments can be viewed on the AAFS Standards Board website at: http://www.asbstandardsboard.org/notice-of-standard-development-and-coordination/.

Order from: All ASB Documents are available on the Published Documents portion of the ASB website: www.asbstandardsboard.org

Send comments (with optional copy to psa@ansi.org) to: asb@aafs.org

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

BSR/AAMI AT6-2013 (R202x), Autologous transfusion devices (reaffirmation of ANSI/AAMI AT6-2013)

Establishes labeling and performance requirements, test methods, and terminology that will help define a reasonable level of safety and efficacy for autologous transfusion devices. Specifically, it includes requirements for sterile; disposable systems and associated electromechanical hardware designed to collect and filter or process, or both; and extravasated blood for reinfusion of erythrocytes or filtered whole blood into the patient's circulation. Aspects of these systems related to collection, anticoagulation (systemic and device), storage, processing and filtration, and reinfusion are within the scope of this standard.

Single copy price: Free

Obtain an electronic copy from: cbernier@aami.org

Order from: Cliff Bernier, (703) 253-8263, cbernier@aami.org

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

BSR/AAMI BF7-2012 (R202x), Blood transfusion micro-filters (reaffirmation of ANSI/AAMI BF7-2012)

Contains labeling requirements, performance requirements, test methods, and terminology for disposable blood transfusion micro-filters for use with adult populations to remove microaggregates from blood or blood products during transfusion.

Single copy price: Free

Obtain an electronic copy from: cbernier@aami.org

Order from: Cliff Bernier, (703) 253-8263, cbernier@aami.org

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

BSR/AAMI BF64-2012 (R202x), Leukocyte reduction filters (reaffirmation of ANSI/AAMI BF64-2012)

Contains labeling requirements, performance requirements, test methods, and terminology for disposable filters used for the reduction of leukocytes from blood or blood components.

Single copy price: Free

Obtain an electronic copy from: cbernier@aami.org

Order from: Cliff Bernier, (703) 253-8263, cbernier@aami.org

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

ANS (American Nuclear Society)

Reaffirmation

BSR/ANS 5.4-2011 (R202x), Method for Calculating the Fractional Release of Volatile Fission Products from Oxide Fuel (reaffirmation of ANSI/ANS 5.4-2011)

This standard provides an analytical method for calculating the release of volatile fission products from uranium dioxide fuel pellets during normal reactor operation. When used with nuclide yields, this method will give the release-to-birth ratio, R/B, or the so-called "gap release," which is the inventory of volatile radioactive fission products that could be available for release from the fuel rod if the cladding were breached.

Single copy price: $86.00

Obtain an electronic copy from: orders@ans.org

Order from: orders@ans.org

Send comments (with optional copy to psa@ansi.org) to: pschroeder@ans.org

BSR/ANS 58.16-2014 (R202x), Safety Classification and Design Criteria for Non- Reactor Nuclear Facilities (reaffirmation of ANSI/ANS 58.16-2014)

This standard provides guidance and criteria for the safety classification of safety functions and associated hazard controls [such as, structures, systems, components (SSCs) and administrative controls] associated with nuclear safety in nonreactor nuclear facilities. This standard provides guidance on how to derive safety functions and the design and operational requirements to satisfy these functions. It also associates the safety classification of hazard controls to engineering (e.g., civil/structural, mechanical, electrical) and programmatic (e.g., QA) classification levels. Finally, this standard will define functional and boundary criteria for safety SSCs to include associated SSCs necessary for the operation of a safety SSC when called upon to provide its safety function.

Single copy price: $169.00

Obtain an electronic copy from: orders@ans.org

Order from: orders@ans.org

Send comments (with optional copy to psa@ansi.org) to: pschroeder@ans.org

API (American Petroleum Institute)

Revision

BSR/API Standard 2350-202x, Overfill Prevention for Atmospheric Storage Tanks in Petroleum Facilities (revision of ANSI/API Standard 2350-2012)

This standard is one of minimum requirements. Alternate approaches or variations on the principles of this standard that provide equivalent or more robust overfill prevention are acceptable. Alternate approaches may be needed when the tank system varies from the typical configurations described in this standard. The rationale for the implementation of each overfill prevention process (OPP) should be documented and retained by the owner and operator. This standard is not intended to prevent the use of systems, methods, or devices of equivalent or superior quality, effectiveness, durability and safety over those provided in this standard.

Single copy price: Free

Obtain an electronic copy from: GodoyJ@api.org

Order from: Stephen Crimaudo, (202) 682-8151, crimaudos@api.org

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

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

Addenda

BSR/ASHRAE/IES Addendum a to BSR/ASHRAE/IES Standard 90.1-202x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2019)

This proposal establishes minimum fan efficacy requirements for low-power ventilation fans. Additionally, the proposal establishes Standard 62.2 as the reference for determining the minimum ventilation rates for non-transient dwelling units, in accordance with the scope of 62.2 and 62.1.

Single copy price: $35.00

Obtain an electronic copy from: standards.section@ashrae.org

Order from: standards.section@ashrae.org

Send comments (with optional copy to psa@ansi.org) to: Online Comment Database at http://www.ashrae.org/standards-research--technology/public-review-drafts

ASTM (ASTM International)

Revision

BSR/ASTM E2072-202x, Specification for Photoluminescent (Phosphorescent) Safety Markings (revision of ANSI/ASTM E2072-2014)

https://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

BSR/ATIS 0600319-202x, Equipment Assemblies - Fire Propagation Risk Assessment Criteria (revision of ANSI ATIS 0600319-2014)

The purpose of this standard is to provide fire propagation hazard risk assessment criteria for communications equipment assemblies used in telecommunications network facilities.

Single copy price: $220.00

Obtain an electronic copy from: dgreco@atis.org

Send comments (with optional copy to psa@ansi.org) to: dgreco@atis.org

AWS (American Welding Society)

Revision

BSR/AWS D14.6/D14.6M-202x, Specification for Welding of Rotating Elements of Equipment (revision of ANSI/AWS D14.6/D14.6M-2012)

This standard establishes material and workmanship standards for manufacturers, fabricators, repair organizations, purchasers, and owner/operators of rotating equipment which are fabricated or repaired by welding. Included are sections defining process qualifications, operator qualifications, quality control, inspection requirements, and repair requirements.

Single copy price: $36.00 (AWS members)/$48.00 (non-members)

Obtain an electronic copy from: kbulger@aws.org

Order from: Kevin Bulger, (800) 443-9353, kbulger@aws.org

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

BSR/AWS D14.9/D14.9M-202x, Specification for the Welding of Hydraulic Cylinders (revision of ANSI/AWS D14.9/D14.9M-2012)

This specification provides standards for the design and manufacture of pressure-containing welded joints and structural welded joints used in the manufacture of hydraulic cylinders. Manufacturer's responsibilities are presented as they relate to the welding practices that have been proven successful within the industry in the production of hydraulic cylinders. Included are sections defining welding procedure qualification, welder performance qualification, workmanship, and quality requirements as well as inspection requirements and repair requirements.

Single copy price: $32.00 (AWS members)/$42.00 (non-members)

Obtain an electronic copy from: kbulger@aws.org

Order from: Kevin Bulger, (800) 443-9353, kbulger@aws.org

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

ESTA (Entertainment Services and Technology Association)

New Standard

BSR E1.67-202x, Entertainment Technology - Design, Inspection, Maintenance, Selection, and Use of Hand and Lever-Operated Chain Hoists in the Entertainment Industry (new standard)

This standard covers manually operated chain and lever hoists used in the entertainment industry. Uses of these hoists in the entertainment industry include, but are not limited to theatre, musical touring, film, trade show, and television applications, for the purposes of lifting, lowering, and tensioning.

Single copy price: Free

Obtain an electronic copy from: http://tsp.esta.org/tsp/documents/public_review_docs.php

Order from: Richard Nix, (212) 244-1505, standards@esta.org

Send comments (with optional copy to psa@ansi.org) to: standards@esta.org

Home Innovation (Home Innovation Research Labs)

Revision

BSR Z765-202x, Square Footage - Method for Calculating (revision of ANSI Z765-2003 (R2013))

This standard describes the procedures to be followed in measuring and calculating the square footage of detached and attached single-family houses.

Single copy price: Free

Obtain an electronic copy from: https://www.homeinnovation.com/z765

Send comments (with optional copy to psa@ansi.org) to: https://www.homeinnovation.com/z765

ITSDF (Industrial Truck Standards Development Foundation, Inc.)

Revision

BSR/ITSDF B56.1-202x, Safety Standard for Low Lift and High Lift Trucks (revision of ANSI/ITSDF B56.1-2016, ANSI/ITSDF B56.1a-2018)

This Standard defines the safety requirements relating to the elements of design, operation, and maintenance of low-lift- and high-lift-powered industrial trucks controlled by a riding or walking operator, and intended for use on compacted, improved surfaces.

Single copy price: Free

Obtain an electronic copy from: info@itsdf.org

Send comments (with optional copy to psa@ansi.org) to: info@itsdf.org

NEMA (ASC C29) (National Electrical Manufacturers Association)

New Standard

BSR C29.19-202x, Composite Insulators - Station Post Type (new standard)

This standard covers distribution- and transmission-class composite station post insulators that are made of a fiberglass-reinforced resin rod core, polymer material weathersheds and metal end fittings. The insulators are intended for use in outdoor substation applications. Mechanical and electrical performance levels specified in this standard are requirements for new insulators.

Single copy price: $TBD

Obtain an electronic copy from: gerard.winstanley@nema.org

Order from: Gerard Winstanley, (703) 841-3231, Gerard.Winstanley@Nema.org

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

NEMA (ASC C29) (National Electrical Manufacturers Association)

Revision

BSR C29.2A-202x, Wet Process Porcelain and Toughened Glass - Distribution Suspension Type (revision of ANSI C29.2A-2013)

This standard covers distribution suspension-type insulators, 4-1/4 inches (108 millimeters) to 8 inches (203 millimeters) in diameter, made of wet-process porcelain or of toughened glass and used in the distribution of electrical energy.

Single copy price: Free

Obtain an electronic copy from: gerard.winstanley@nema.org

Order from: www.nema.org

Send comments (with optional copy to psa@ansi.org) to: gerard.winstanley@nema.org

BSR C29.11-202x, Composite Insulators - Test Methods (revision of ANSI C29.11-2012)

This standard comprises a manual of test methods to be followed in making tests to determine the characteristics of composite electrical power insulators, as defined in this standard.

Single copy price: Free (Download)/$56.00 (hard copy)

Obtain an electronic copy from: gerard.winstanley@nema.org

Order from: http://www.nema.org/Standards/

Send comments (with optional copy to psa@ansi.org) to: gerard.winstanley@nema.org

BSR C29.12-202x, Composite Insulators - Transmission Suspension Type (revision of ANSI C29.12-2013)

This standard covers composite suspension (tension) insulators with a minimum section length of 46 inches (1168.4 mm) made of a fiberglass-reinforced resin matrix core, polymer material weathersheds, and metal end fittings intended for use on overhead transmission lines for electric power systems. Mechanical and electrical performance levels specified in this standard are requirements for new insulators.

Single copy price: Free (Download)/$61.00 (hard copy)

Obtain an electronic copy from: gerard.winstanley@nema.org

Order from: http://www.nema.org/Standards/

Send comments (with optional copy to psa@ansi.org) to: gerard.winstanley@nema.org

NEMA (ASC C8) (National Electrical Manufacturers Association)

Revision

BSR ICEA S-105-692-202x, Standard for 600-Volt Single-Layer Thermoset Insulated Utility Underground Distribution Cables (revision of ANSI/ICEA S -105-692-2010)

ICEA S-105-692-2011 applies to the materials, constructions, and testing of single conductor cables and assemblies of completed single conductor thermoset insulated cables, with an insulated or bare copper or an insulated aluminum neutral, used for the distribution of electrical energy at phase-to-phase voltages not exceeding 600 volts, or phase-to-ground voltage not exceeding 480 volts, 60 Hz, and at conductor temperatures not exceeding 90°C for use in direct burial and underground ducts.

Single copy price: $105.00

Obtain an electronic copy from: khaled.masri@nema.org

Order from: http://www.nema.org/Standards/About-Standards/Pages/How-to-Purchase-a-NEMA-Standard.aspx

Send comments (with optional copy to psa@ansi.org) to: khaled.masri@nema.org

BSR ICEA S-76-474-202x, Standard for Neutral-Supported Power Cable Assemblies with Weather-Resistant Extruded Insulation Rated 600 Volts (revision of ANSI ICEA S-76-474-2011)

This standard applies to the materials, constructions, and testing of assemblies or single conductors intended for field lashing of extruded dielectric insulated electric current carrying phase conductors and bare or covered neutral electrical conductors used as weather-resistant wires and cables suspended from supporting structures for the overhead distribution of electrical energy.

Single copy price: $105.00

Obtain an electronic copy from: khaled.masri@nema.org

Order from: Communications@nema.org

Send comments (with optional copy to psa@ansi.org) to: khaled.masri@nema.org

NEMA (National Electrical Manufacturers Association)

New National Adoption

BSR/NEMA/IEC 60529-202x, Degrees of Protection Provided by Enclosures (IP Code) (identical national adoption of IEC 60529:1989/AMD2:2013/COR1:2019 and revision of ANSI/IEC 60529-2004 (R2011))

This standard describes a system for classifying the degrees of protection provided by the enclosures of electrical equipment. While this system is suitable for use with most types of electrical equipment, it should not be assumed that all the listed degrees of protection are applicable to a particular type of equipment.

Single copy price: $126.00 (Electronic), $126.00 (PDF), $168.84 (Print + PDF (Save 33%))

Obtain an electronic copy from: muhammad.ali@nema.org

Order from: Muhammad Ali, (703) 841-3288, muhammad.ali@nema.org

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

NEMA (National Electrical Manufacturers Association)

Revision

BSR/NEMA 250-202x, Enclosures for Electrical Equipment (1000 Volts Maximum) (revision of ANSI/NEMA 250-2008)

This Standard covers enclosures for electrical equipment rated not more than 1000 Volts and intended to be installed and used as follows:

- enclosures for indoor locations, Types 1, 2, 5, 12, 12K, and 13;

- enclosures for indoor or outdoor locations, Types 3, 3X, 3R, 3RX, 3S, 3SX, 4, 4X, 6, and 6P; and

- enclosures for hazardous (classified) locations, Types 7 and 9.

This Standard covers the requirements to provide protection to the enclosed equipment against specific environmental conditions. This Standard also covers the requirements for enclosures that are installed and ready for use in non-hazardous (unclassified) locations.

Single copy price: (Non-Members) Electronic Copy: $152.00 USD; Hard Copy: $157.00 USD; Hard Copy and PDF: $211.00 USD (10% Discount on all of the prices for Members)

Obtain an electronic copy from: muhammad.ali@nema.org

Order from: Muhammad Ali, (703) 841-3288, muhammad.ali@nema.org

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

NFPA (National Fire Protection Association)

The National Fire Protection Association announces the availability of NFPA Second Draft Report for concurrent review and comment by NFPA and ANSI.

The disposition of all comments received are published in the Second Draft Report, located on the document's information page under the next edition tab. The document's specific URL, www.nfpa.org/doc#next (for example ww.nfpa.org/101next), can easily access the document's information page. All Notices of Intent to Make A Motion on the 2020 Annual Revision Cycle Second Draft Report must be received by the following date: February 19, 2020.

For more information on the rules and for up-to-date information on schedules and deadlines for processing NFPA Documents, check the NFPA website (http://www.nfpa.org) or contact NFPA's Codes and Standards Administration. Those who sent comments to NFPA (Contact Codes and Standards Administration, NFPA, One Batterymarch Park, Quincy, MA 02269-7471) on the related standards are invited to copy ANSI's Board of Standards Review.

Revision

BSR/NFPA 17-202x, Standard for Dry Chemical Extinguishing Systems (revision of ANSI/NFPA 17-2017)

This standard includes minimum requirements for dry chemical fire-extinguishing systems that discharge dry chemical from fixed nozzles or hand hose lines by means of expellant gas. The dry chemical systems described in this standard are designed to discharge dry chemical from fixed nozzles and piping or from hose lines by means of an expellant gas. The intent of the standard is to present the design considerations applicable to these systems. It contains only the essential requirements and recommendations needed to make the standard workable in the hands of those skilled in this field. Because the flow of dry chemical (solid particles suspended in a gaseous medium) does not follow general hydraulic theories, most of the flow principles have been determined experimentally. The dry chemicals produced by various manufacturers usually are not identical in all characteristics, and each manufacturer designs equipment for use with a specific dry chemical. System design principles applicable to the products of one manufacturer are not applicable to the products of another manufacturer. As a result, it is not practical to include system design details as a part of this standard. It is now generally accepted that the flame-extinguishing properties of dry chemicals are due to the interaction of the particles, which stops the chain reaction that takes place in flame combustion. Dry chemicals vary in their flame-extinguishing effectiveness. Multipurpose dry chemical owes its effectiveness in extinguishing fires involving ordinary combustibles, such as wood and paper, to the formation of a glow-retarding coating over the combustible material. For additional information on dry chemicals and their extinguishing characteristics, see A.4.6.1. Portable dry chemical equipment is covered in NFPA 10, Standard for Portable Fire Extinguishers.

Obtain an electronic copy from: www.nfpa.org/17Next

Send comments (with optional copy to psa@ansi.org) to: www.nfpa.org/17Next

NFPA (National Fire Protection Association)

New Standard

BSR/NFPA 3000-202x, Standard for an Active Shooter/Hostile Event Response (ASHER) Program (new standard)

The scope of this standard is limited to the necessary functions and actions related to preparedness, response, and recovery from an active shooter/hostile event response (ASHER). This standard applies to any community, authority having jurisdiction (AHJ), facility, and member of any organization who responds to or prepares for ASHER incidents.

Obtain an electronic copy from: www.nfpa.org/3000Next

Send comments (with optional copy to psa@ansi.org) to: www.nfpa.org/3000Next

NFPA (National Fire Protection Association)

Revision

BSR/NFPA 17A-202x, Standard for Wet Chemical Extinguishing Systems (revision of ANSI/NFPA 17A-2017)

The provisions of this standard apply to the design, installation, operation, testing, and maintenance of pre-engineered wet chemical fire extinguishing systems that discharge wet chemical from fixed nozzles and piping by means of expellant gas. It contains only the essential requirements and recommendations needed to make the standard workable in the hands of those skilled in this field. The wet chemical systems described in this standard are designed to discharge wet chemical from fixed nozzles and piping by means of expellant gas. The intent of the standard is to present the design considerations applicable to these systems. The wet chemicals produced by various manufacturers usually are not identical in all characteristics, and each manufacturer designs equipment for use with a specific wet chemical. Therefore, system design principles applicable to the products of one manufacturer are not applicable to the products of another manufacturer. As a result, it is not practical to include system design details as part of this standard. However, such system design details are an integral part of the listing of the systems and are included in the manufacturers' design, installation, and maintenance manuals.

Obtain an electronic copy from: www.nfpa.org/17aNext

Send comments (with optional copy to psa@ansi.org) to: www.nfpa.org/17aNext

BSR/NFPA 30A-202x, Code for Motor Fuel Dispensing Facilities and Repair Garages (revision of ANSI/NFPA 30A-2018)

This code is recommended for use as the basis for legal regulations. Its provisions are intended to reduce the hazards of motor fuels to a degree consistent with reasonable public safety, without undue interference with public convenience and necessity. Thus, compliance with this code does not eliminate all hazards in the use of these fuels. See the Flammable and Combustible Liquids Code Handbook for additional explanatory information. This code shall apply to motor fuel dispensing facilities and motor fuel dispensing at farms and isolated construction sites. This code shall apply to motor vehicle repair garages. This code shall not apply to those motor fuel dispensing facilities where only liquefied petroleum gas (LP-Gas), liquefied natural gas (LNG), or compressed natural gas (CNG) is dispensed as motor fuel. See NFPA 52, Vehicular Gaseous Fuel Systems Code, and NFPA 58, Liquefied Petroleum Gas Code, for requirements for facilities where only these fuels are dispensed. This code shall not apply to aircraft fueling.

Obtain an electronic copy from: www.nfpa.org/30aNext

Send comments (with optional copy to psa@ansi.org) to: www.nfpa.org/30aNext

BSR/NFPA 101-202x, Life Safety Code® (revision of ANSI/NFPA 101-2018)

The following is a suggested procedure for determining the Code requirements for a building or structure: (1) Determine the occupancy classification by referring to the occupancy definitions in Chapter 6 and the occupancy Chapters 12 through 42. (See 6.1.14 for buildings with more than one use.); (2) Determine if the building or structure is new or existing. (See the definitions in Chapter 3.); (3) Determine the occupant load. (See 7.3.1); (4) Determine the hazard of contents. (See Section 6.2); (5) Refer to the applicable occupancy chapter of the Code, Chapters 12 through 42. [See Chapters 1 through 4 and Chapters 6 through 11, as needed, for general information (such as definitions) or as directed by the occupancy chapter.]; (6) Determine the occupancy subclassification or special use condition, if any, by referring to Chapters 16 and 17, Daycare occupancies; Chapters 18 and 19, Health care occupancies; Chapters 22 and 23, Detention and correctional occupancies; Chapters 28 and 29, Hotels and dormitories; Chapters 32 and 33, Residential board and care occupancies; Chapters 36 and 37, Mercantile occupancies; and Chapter 40, Industrial occupancies, which contain subclassifications or special use definitions. (7) Proceed through the applicable occupancy chapter to verify compliance.

Obtain an electronic copy from: www.nfpa.org/101Next

Send comments (with optional copy to psa@ansi.org) to: www.nfpa.org/101Next

BSR/NFPA 497-202x, Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas (revision of ANSI/NFPA 497-2017)

This recommended practice applies to those locations where flammable gases or vapors, flammable liquids, or combustible liquids are processed or handled; and where their release into the atmosphere could result in their ignition by electrical systems or equipment. This recommended practice provides information on specific flammable gases and vapors, flammable liquids, and combustible liquids whose relevant combustion properties have been sufficiently identified to allow their classification into the groups established by NFPA 70 (NEC), for proper selection of electrical equipment in hazardous (classified) locations. The tables of selected combustible materials contained in this document are not intended to be all-inclusive.

Obtain an electronic copy from: www.nfpa.org/497Next

Send comments (with optional copy to psa@ansi.org) to: www.nfpa.org/497Next

BSR/NFPA 499-202x, Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas (revision of ANSI/NFPA 499-2017)

This recommended practice provides information on the classification of combustible dusts and of hazardous (classified) locations for electrical installations in chemical process areas and other areas where combustible dusts are produced or handled. This recommended practice addresses the application of the electrical equipment in a combustible dust atmosphere. It does not address the fugitive dusts in the facility and those potential hazards. While this document acknowledges that the dust accumulation on structural beams or within the facility is a hazard, this recommended practice addresses only dust accumulation on electrical equipment. This recommended practice provides information on combustible dusts as it relates to the proper selection of electrical equipment in hazardous (classified) locations in accordance with NFPA 70. The tables of selected combustible dusts contained in this document are not intended to be all-inclusive.

Obtain an electronic copy from: www.nfpa.org/499Next

Send comments (with optional copy to psa@ansi.org) to: www.nfpa.org/499Next

BSR/NFPA 1801-202x, Standard on Thermal Imagers for the Fire Service (revision of ANSI/NFPA 1801-2018)

This standard shall specify the design, performance, testing, and certification requirements for thermal imagers used by fire service personnel during emergency incident operations. This standard shall specify requirements for new thermal imagers for the fire service. This standard shall not specify requirements for thermal imagers manufactured prior to the effective date of this standard. This standard shall not specify requirements for thermal imagers manufactured to any other standards or other requirements. Any accessories or enhancements built into, attached to, or sold with the thermal imager by the thermal imager manufacturer for later attachment shall be tested with the thermal imager with those accessories and enhancements installed or attached, as specified in 4.3.9.4, to ensure the performance and functions of the thermal imager. Purchasers and manufacturers of thermal imagers should understand that NFPA 1801 addresses minimum requirements for thermal imagers with the TI BASIC operational format. The TI BASIC PLUS operational format permits accessories and enhancements for a thermal imager as long as they meet the applicable requirements and can be easily disabled or removed, reverting the camera back to the certified TI BASIC mode. Thermal imaging technology is advancing quickly.

Obtain an electronic copy from: www.nfpa.org/1801Next

Send comments (with optional copy to psa@ansi.org) to: www.nfpa.org/1801Next

BSR/NFPA 5000-202x, Building Construction and Safety Code® (revision of ANSI/NFPA 5000-2018)

The Code does not address features that solely affect economic loss to private property. The Code addresses those construction, protection, and occupancy features necessary to minimize danger to life and property. The provisions of this document shall constitute and be known as NFPA 5000, Building Construction and Safety Code, hereinafter referred to as “this Code” or “the Code.”

Obtain an electronic copy from: www.nfpa.org/5000Next

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

NFRC (National Fenestration Rating Council)

Revision

BSR/NFRC 100-202x E0A0, Procedure for Determining Fenestration Product Ufactors (revision of ANSI/NFRC 100-2017 [E0A2])

This standard specifies a method for determining fenestration product U-factor (thermal transmittance).

Single copy price: Free

Obtain an electronic copy from: jpadgett@nfrc.org

Send comments (with optional copy to psa@ansi.org) to: jpadgett@nfrc.org

BSR/NFRC 200-202x E0A0, Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence (revision and redesignation of ANSI/NFRC 200-2017)

To specify a method for calculating solar heat gain coefficient (SHGC) and visible transmittance (VT) at normal (perpendicular) incidence for fenestration products containing glazings or glazing with applied films, with specular optical properties calculated in accordance with ISO 15099 (except where noted) or tested in accordance with NFRC 201, NFRC 202, and NFRC 203.

Single copy price: Free

Obtain an electronic copy from: jpadgett@nfrc.org

Send comments (with optional copy to psa@ansi.org) to: jpadgett@nfrc.org

SCTE (Society of Cable Telecommunications Engineers)

Revision

BSR/SCTE 128-01-202x, AVC Video Constraints for Cable Television - Part 1: Coding (revision and redesignation of ANSI/SCTE 128-1-2018)

This document defines the video coding constraints on ITU-T Rec. H.264 | ISO/IEC 14496-10 video compression (called "AVC" in this standard) for Cable Television. In particular, this document describes the constraints on AVC-coded video elementary streams in an MPEG-2 service multiplex (single or multi-program Transport Stream).

Single copy price: $50.00

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

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

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

BSR/SCTE 193-01-202x, MPEG AAC Audio Codec Constraints for Cable Television - Coding (revision and redesignation of ANSI/SCTE 193-1-2014)

This document defines the coding constraints on MPEG 4 AAC, HE AAC, and HE AAC v2 (referred to collectively in this document as the "AAC family") profile audio for cable television. It also discusses MPEG-2 AAC LC profile audio, which is closely related to MPEG-4 AAC profile audio. The carriage of the streams described in this specification is defined in SCTE 193-2 2019.

Single copy price: $50.00

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

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

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

BSR/SCTE 193-02-202x, MPEG-4 AAC Family Audio System - Part 2: Constraints for Carriage over MPEG-2 Transport (revision and redesignation of ANSI/SCTE 193-2-2014)

This document describes the carriage of MPEG-4 AAC, HE AAC, HE AAC v2, and Extended HE-AAC (referred to collectively in this document as the "AAC family") profile audio in MPEG-2 transport systems. It also discusses MPEG-2 AAC LC profile audio, which is closely related to MPEG-4 AAC profile audio.

Single copy price: $50.00

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

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

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

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 60335-2-52-202x, Standard for Safety for Household and Similar Electrical Appliances - Safety - Part 2-52: Particular Requirements for Oral Hygiene Appliances (national adoption with modifications of IEC 60335-2-52)

The proposed First Edition of UL 60335-2-52 as an American National Standard, which is harmonized with Edition 3.2 of the Standard for Household and Similar Electrical Appliances - Safety - Part 2-52: Particular Requirements for Oral Hygiene Appliances, IEC 60335-2-52. UL 60335-2 -52 covers the safety of electric oral hygiene appliances for household and similar purposes, their rated voltage being not more than 250 V. Examples of appliances covered by this standard are oral irrigators and toothbrushes.

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

BSR/UL 60947-5-1-202x, Standard for Safety for Low-Voltage Switchgear and Controlgear - Part 5-1: Control Circuit Devices and Switching Elements - Electromechanical Control Circuit Devices (national adoption with modifications of IEC 60947-5-1)

This proposal provides revisions to UL 60947-5-1 to harmonize with IEC 60947-5-1 including Amendment 1. These revisions include: (1) Update to the existing IEC 60947-5-1 text; (2) Removal of existing US National Differences to promote further harmonization with IEC 60947-5-1; and (3) Inclusion of additional requirements from existing UL standards as new National Differences to ensure consistent application of requirements across related UL standards.

Single copy price: Contact comm2000 for pricing and delivery options

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

UL (Underwriters Laboratories, Inc.)

New Standard

BSR/UL 2999-202x, Standard for Safety for Individual Commercial Office Furnishings (new standard)

This proposal for UL 2999 covers: (1) The proposed first edition of the Standard for Individual Commercial Office Furnishings, UL 2999. This Standard covers individual office furnishings used in commercial and institutional locations that are not connected to or part of a panel system.

Single copy price: Free

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

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

Send comments (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, Inc.)

Revision

BSR/UL 67-202x, Standard for Safety for Panelboards (revision of ANSI/UL 67-2019)

This proposal covers a revision of requirements of UL 67 to reflect the changes to Section 230.71(B) of the 2020 NEC. An earlier version of this proposal was posted in UL's CSDS for ballot on October 4, 2019.

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

BSR/UL 428B-202x, Electrically Operated Valves 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 428B-2015 (R2019))

UL is proposing to add renewable diesel and diesel/renewable diesel blends to the list of fuels addressed by the requirements of UL 428B.

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

VC (ASC Z80) (The Vision Council)

Revision

BSR Z80.9-202x, Devices for Low Vision (revision of ANSI Z80.9-2010 (R2015))

This Standard applies to optical and electro-optical devices specified by the manufacturer for use by visually impaired persons as low-vision devices. It specifies optical and mechanical requirements and test methods. It includes devices with optical and/or electrical and/or electronic components used for image capture or display.

Single copy price: $70.00

Obtain an electronic copy from: https://www.z80asc.com/ or email: ascz80@thevisioncouncil.org

Order from: Michele Stolberg, 585-387-9913, ascz80@thevisioncouncil.org

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

Comment Deadline: April 7, 2020

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

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME A17.3-202x, Safety Code for Existing Elevators and Escalators (revision of ANSI/ASME A17.3-2017)

This Code of safety standards covers existing elevators, escalators, and their hoistways.

Single copy price: Free

Obtain an electronic copy from: http://cstools.asme.org/publicreview

Order from: Terrell Henry, (212) 591-8489, ansibox@asme.org

Send comments (with optional copy to psa@ansi.org) to: Nicole Gomez, (212) 591-8720, ansibox@asme.org

BSR/ASME B18.8.2-202x, Taper Pins, Dowel Pins, Straight Pins, Grooved Pins and Spring Pins (Inch Series) (revision of ANSI/ASME B18.8.2-2000 (R2010))

This Standard is intended to cover the complete dimensional and general data for taper pins, dowel pins, straight pins, grooved pins, and spring pins. Also included are appendices providing supplementary information for the drilling of holes for taper pins and the testing of pins in double shear.

Single copy price: Free

Obtain an electronic copy from: http://cstools.asme.org/publicreview

Order from: Terrell Henry, (212) 591-8489, ansibox@asme.org

Send comments (with optional copy to psa@ansi.org) to: Lawrence Chan, (212) 591-7052, chanl4@asme.org

Withdrawal of Technical Reports Registered with ANSI

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

AAMI (Association for the Advancement of Medical Instrumentation)

AAMI/IEC TIR 61289, High frequency surgical equipment - Operation and maintenance (TECHNICAL REPORT)

Inquiries may be directed to Hae Choe, (703) 253-8268, HChoe@aami.org

Project Withdrawn

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

SCTE (Society of Cable Telecommunications Engineers)

BSR/SCTE NOS OP 007-202x, OCSIS 3.1 Downstream OFDM Power Definition, Calculation, and Measurement Techniques (new standard)

Inquiries may be directed to Kim Cooney, (800) 542-5040, kcooney@scte.org

TIA (Telecommunications Industry Association)

BSR/TIA 1005-A-2-201x, Telecommunications Infrastructure Standard for Industrial Premises - Addendum 2: Performance requirements for four-pair industrial cables and cabling supporting 1000BASE-T for MICE2 and MICE3 environments (addenda to ANSI/TIA 1005-A-1-2015)

Inquiries may be directed to Teesha Jenkins, (703) 907-7706, standards@tiaonline.org

BSR/TIA 1005-A-3-201x, Telecommunications Infrastructure Standard for Industrial Premises - Addendum 3: Industrial cabling for one pair Link Segment Type B, 1000BASE-T1 including MICE 2 and MICE 3 (addenda to ANSI/TIA 1005-A-2012)

Inquiries may be directed to Teesha Jenkins, (703) 907-7706, standards@tiaonline.org

Notice of Withdrawn ANS by an ANSI-Accredited Standards Developer

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

ASTM (ASTM International)

ANSI/ASTM F1986-2017, Specification for Multilayer Pipe Type 2, Compression Fittings, and Compression Joints for Hot and Cold Drinking-Water Systems

Questions may be directed to: Corice Leonard, (610) 832-9744, accreditation@astm.org

ANSI/ASTM F1987-2017, Specification for Multilayer Pipe Type 2, Compression Fittings, and Compression Joints for Hydronic Heating Systems

Questions may be directed to: Corice Leonard, (610) 832-9744, accreditation@astm.org

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)

Contact: Cliff Bernier
Phone: (703) 253-8263
E-mail: cbernier@aami.org
Office: 901 N. Glebe Road, Suite 300
Arlington, VA 22203

BSR/AAMI AT6-2013 (R202x), Autologous transfusion devices (reaffirmation of ANSI/AAMI AT6-2013)

BSR/AAMI BF7-2012 (R202x), Blood transfusion micro-filters (reaffirmation of ANSI/AAMI BF7-2012)

BSR/AAMI BF64-2012 (R202x), Leukocyte reduction filters (reaffirmation of ANSI/AAMI BF64-2012)

API (American Petroleum Institute)

Contact: Sally Goodson
Phone: (202) 682-8130
E-mail: goodsons@api.org
Office: 200 Massachusetts Avenue NW
Washington, DC 20001

BSR/API MPMS Chapter 17.10.1-202x, Measurement of Cargoes on Board Marine Gas Carriers - Part 1: LNG, 1st Ed. April 2014fc (national adoption with modifications of ISO 10976:2015)

ATIS (Alliance for Telecommunications Industry Solutions)

Contact: Drew Greco
Phone: (202) 628-6380
E-mail: dgreco@atis.org
Office: 1200 G Street NW
Suite 500
Washington, DC 20005

BSR/ATIS 0600319-202x, Equipment Assemblies - Fire Propagation Risk Assessment Criteria (revision of ANSI ATIS 0600319-2014)

AWS (American Welding Society)

Contact: Kevin Bulger
Phone: (800) 443-9353
E-mail: kbulger@aws.org
Office: 8669 Doral Blvd
Suite 130
Doral, FL 33166

BSR/AWS D14.6/D14.6M-202x, Specification for Welding of Rotating Elements of Equipment (revision of ANSI/AWS D14.6/D14.6M-2012)

BSR/AWS D14.9/D14.9M-202x, Specification for the Welding of Hydraulic Cylinders (revision of ANSI/AWS D14.9/D14.9M-2012)

IES (Illuminating Engineering Society)

Contact: Patricia McGillicuddy
Phone: (917) 913-0027
E-mail: pmcgillicuddy@ies.org
Office: 120 Wall Street, Floor 17
New York, NY 10005

BSR/IES RP-8-202x, Recommended Practice for Design and Maintenance of Roadway and Parking Facility Lighting (revision, redesignation and consolidation of ANSI/IES RP-8-2018, ANSI/IES RP -8 Addendum 1-2020)

BSR/IES RP-43-202x, Recommended Practice: Lighting Exterior Applications (new standard)

NFRC (National Fenestration Rating Council)

Contact: Jen Padgett
Phone: (301) 589-1776
E-mail: jpadgett@nfrc.org
Office: 6305 Ivy Lane
Suite 140
Greenbelt, MD 20770

BSR/NFRC 100-202x E0A0, Procedure for Determining Fenestration Product Ufactors (revision of ANSI/NFRC 100-2017 [E0A2])

BSR/NFRC 200-202x E0A0, Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence (revision and redesignation of ANSI/NFRC 200 -2017)

NSF (NSF International)

Contact: Jason Snider
Phone: (734) 418-6660
E-mail: jsnider@nsf.org
Office: 789 N. Dixboro Road
Ann Arbor, MI 48105-9723

BSR/NSF 46-202x (i32r1), Evaluation of Components and Devices Used in Wastewater Treatment Systems (revision of ANSI/NSF 46-2018)

OPEI (Outdoor Power Equipment Institute)

Contact: Daniel Mustico
Phone: (703) 678-2990
E-mail: dmustico@opei.org
Office: 1605 King Street
Alexandria, VA 22314

BSR/OPEI B71.6-202x, Powered Consumer Chipper/Shredders and Pedestrian-Controlled Chipper/Shredder Vacuums - Safety Specifications (new standard)

BSR/OPEI/ISO 5395-1-202x, Garden equipment - Safety requirements for powered lawnmowers - Part 1: Terminology and common tests (national adoption with modifications of ISO 5395-1:2013 and replaces ANSI/OPEI B71.1-2017 & ANSI/OPEI B71.4-2017)

BSR/OPEI/ISO 5395-2-202x, Garden equipment - Safety requirements for powered lawnmowers - Part 2: Pedestrian-controlled lawnmowers (national adoption with modifications of ISO 5395 -2:2013 and replaces ANSI/OPEI B71.1-2017 & ANSI/OPEI B71.4 -2017)

BSR/OPEI/ISO 5395-3-202x, Garden equipment - Safety requirements for powered lawnmowers - Part 3: Ride-on lawnmowers (national adoption with modifications of ISO 5395-3:2013 and replaces ANSI/OPEI B71.1-2017 & ANSI/OPEI B71.4-2017)

Call for Members (ANS Consensus Bodies)

National Council for Prescription Drug Programs (NCPDP)
Enrollment in the 2020 Consensus Group opens Monday, January 13, 2020 and closes on Friday, February 14, 2020 at 8:00 p.m. Eastern Time. Information concerning the Consensus Group registration process is available by contacting:
Kittye Krempin
National Council for Prescription Drug Programs
9240 East Raintree Drive
Scottsdale, AZ 85260
Phone: (480) 296-4584
E-mail: kkrempin@ncpdp.org

Standards:
Audit Transaction Standard – supports an electronic audit transaction that facilitates requests, responses, and final outcomes transmissions for both “Desk Top” claim audits and for in-store audit notices.

Batch Standard Subrogation - provides a uniform approach to efficiently process post-payment subrogation claims and eliminate the numerous custom formats used in the industry today.

Benefit Integration Standard - supports the communication of accumulator data (such as deductible and out of pocket) between Benefit Partners to administer integrated benefits for a member.

Billing Unit Standard - provides a consistent and well-defined billing unit for use in pharmacy transactions. This results in time savings and accuracy in billing and reimbursement.

Financial Information Reporting Standard – provides a process whereby financial information is moved from one PBM to another when a patient changes benefit plans.

Formulary and Benefit Standard – provides a standard means for pharmacy benefit payers (including health plans and Pharmacy Benefit Managers) to communicate formulary and benefit information to prescribers via technology vendor systems.

Manufacturer Rebate Standard – provides a standardized format for the electronic submission of rebate information from Pharmacy Management Organizations (PMOs) to Pharmaceutical Industry Contracting Organizations (PICOs).

Medicaid Subrogation Standard – provides guidelines for the process whereby a Medicaid agency can communicate to a processor for reimbursement. The state has reimbursed the pharmacy provider for covered services and now is pursuing reimbursement from other payers for these services.

Medical Rebates Data Submission Standard – provides a standardized format for health plans’ rebate submissions to multiple manufacturers throughout the industry. Implementation of the medical also eliminates the need for manufacturers to create internal mapping processes to standardize unique data formats from each health plan or third party administrator.

Post Adjudication Standard – provides a format for supplying detailed drug or utilization claim information after the claim has been adjudicated.

Prescription Drug Monitoring Programs (PDMP) Reporting Standard – developed to report controlled substance and other required drug information to assist healthcare providers to deter prescription drug abuse to ensure access for patients with valid medical needs.

Prescription Transfer Standard – developed to create file formats for the purpose of electronically transferring prescriptions between pharmacies.

Prior Authorization Transfer Standard – developed to define the file format and correct usage for electronically transferring existing prior authorization data between payer/processors when transitioning clients, performing system database or platform changes, or other scenarios where an existing prior authorization record is stored in one location and needs to be moved to another.

Product Identifiers Standard – developed to provide a standard for consistent formatting and utilization of product identifiers in healthcare and to provide clarification for maintenance of these specific product identifiers.

Real-Time Prescription Benefit Standard – developed a real-time pharmacy benefit inquiry from a provider EMR application to: leverage pharmacy industry standards and technology infrastructure, to deliver an accurate, pharmacy specific, “Patient Pay Amount” for a proposed medication and quantity and to collaboratively align stakeholders.

Retiree Drug Subsidy Standard – developed to assist in the automation of summarized drug cost and related data transfer from one processor/pharmacy benefit manager to another processor/ pharmacy benefit manager for continuation of the CMS Retiree Drug Subsidy (RDS) cost data reporting by the receiving entity.

SCRIPT Standard – developed for transmitting prescription information electronically between prescribers, providers, and other entities.

Specialized Standard – developed for transmitting information electronically between prescribers, providers, and other entities. The standard addresses the electronic transmission of census information about a patient between a facility and a pharmacy, medication therapy management transactions between providers, payers, pharmacies, and other entities. It will include other transactions for electronic exchanges between these entities in the future.

Specialty Pharmacy Data Reporting Standard - provides a standardized format for the data submitted by specialty pharmacy to drug manufacturers/others to support programs and agreements between the parties.

State Medicaid Provider File Standard - developed a standard by which state Medicaid agencies or other entities could communicate their provider data with the MCOs/PBMs in a consistent and streamlined manner.

Telecommunication Standard – developed a standardized format for electronic communication of claims and other transactions between pharmacy providers, insurance carriers, third-party administrators, and other responsible parties.
Uniform Healthcare Payer Data Standard – developed a standard format for pharmacy claim data to support the reporting requirements of claim data to states or their designees.

Call for Members (ANS Consensus Bodies)

Call for Committee Members

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:

- General Interest
- Government
- Producer
- User

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

Final Actions on American National Standards

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

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

ANSI/AAMI/ISO 23500-1-2019, Preparation and quality management of fluids for haemodialysis and related therapies - Part 1: General requirements (identical national adoption of ISO 23500-1 and revision of ANSI/AAMI 23500-2014): 1/28/2020

ANSI/AAMI/ISO 23500-2-2019, Preparation and quality management of fluids for haemodialysis and related therapies - Part 2: Water treatment equipment for haemodialysis applications and related therapies (identical national adoption of ISO 23500-2 and revision of ANSI/AAMI 26722:2014): 1/28/2020

ANSI/AAMI/ISO 23500-3-2019, Preparation and quality management of fluids for haemodialysis and related therapies - Part 3: Water for haemodialysis and related therapies (identical national adoption of ISO/DIS 23500-3 and revision of ANSI/AAMI 13959:2014): 1/28/2020

ANSI/AAMI/ISO 23500-4-2019, Preparation and quality management of fluids for haemodialysis and related therapies - Part 4: Concentrates for haemodialysis and related therapies (identical national adoption of ISO 23500-4 and revision of ANSI/AAMI 13958-2014): 1/28/2020

ANSI/AAMI/ISO 23500-5-2019, Preparation and quality management of fluids for haemodialysis and related therapies - Part 5: Quality of dialysis fluid for haemodialysis and related therapies (identical national adoption of ISO 23500-5 and revision of ANSI/AAMI 11663-2014): 1/28/2020

ADA (American Dental Association)

New National Adoption

ANSI/ADA Standard No. 116-2020, Oral Rinses (national adoption of ISO 16408:2015 with modifications and revision of ANSI/ADA Standard No. 116-2010): 1/31/2020

ANSI/ADA Standard No. 130-2020, Dentifrices - Requirements, Test methods and Markin (identical national adoption of ISO 11609-2017 and revision of ANSI/ADA Standard No. 130-2013): 1/31/2020

ANSI/ADA Standard No. 139-2020, Dental Base Polymers (national adoption of ISO 20795-1:2013 & ISO 20795-2:2013 with modifications and revision of ANSI/ADA Standard No. 139-2012): 1/31/2020

ANSI/ADA Standard No. 157-2020, Powered Dental Scaler Handpieces and Tips (national adoption with modifications of ISO 18397:2016): 1/31/2020

ANSI/ADA Standard No. 158-2020, Coupling Dimensions for Dental Handpiece Connectors (national adoption with modifications of ISO 3964:2016 & ISO 3964:2016/Amd 1:2018): 1/31/2020

ANSI/ADA Standard No. 177-2020, Central Suction Source Equipment (identical national adoption of ISO 10637:2018): 1/31/2020

ANSI/ADA Standard No. 179-2020, Shanks for Rotary and Oscillating Instruments (identical national adoption of ISO 1797:2017): 1/31/2020

ANSI/ADA Standard No. 39-2020, Pit and Fissure Sealants (national adoption of ISO 6874:2015 with modifications and revision of ANSI/ADA Standard No. 39-2006 (R2011)): 1/31/2020

ANSI/ADA Standard No. 53-2020, Polymer-Based Crown and Veneering Materials (identical national adoption of ISO 10477:2018 and revision of ANSI/ADA Standard No. 53-2008 (R2013)): 1/31/2020

ANSI/ADA Standard No. 96-2020, Dental Water-Based Cements (national adoption of ISO 9917-1:2007 & ISO 9917-2:2017 with modifications and revision of ANSI/ADA Standard No. 96:2012): 1/31/2020

Reaffirmation

ANSI/ADA Standard No. 73-2008 (R2020), Dental Absorbent Points (reaffirm a national adoption ANSI/ADA Standard No. 73-2008 (R2013)): 1/31/2020

ANSI/ADA Standard No. 78-2013 (R2020), Dental Obturating Cones (reaffirm a national adoption ANSI/ADA Standard No. 78-2013): 1/31/2020

ANSI/ADA Standard No. 80-2001 (R2020), Dental Materials - Determination of Color Stability (reaffirm a national adoption ANSI/ADA Standard No. 80 -2001 (R2013)): 1/31/2020

ANS (American Nuclear Society)

Reaffirmation

ANSI/ANS 3.1-2014 (R2020), Selection, Qualification, and Training of Personnel for Nuclear Power Plants (reaffirmation of ANSI/ANS 3.1-2014): 2/4/2020

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

Reaffirmation

ANSI/APCO 1.116.2-2015 (R2020), Public Safety Communications Common Status Codes for Data Exchange (reaffirmation and redesignation of ANSI/APCO 1.116.1-2015): 1/30/2020

Revision

ANSI/APCO/NENA 1.102.3-2020, Public Safety Answering Point (PSAP) Service Capability Criteria Rating Scale (revision and redesignation of ANSI/APCO/NENA 1.102.2-2010): 1/30/2020

ASC X9 (Accredited Standards Committee X9, Incorporated)

Revision

ANSI X9.129-2020, Electronic File Format Standards for Presentment and Remittance of Legal Orders (revision of ANSI X9.129-2017): 1/28/2020

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

Addenda

ANSI/ASHRAE Addendum c to ANSI/ASHRAE Standard 185.1-2020, Method of Testing UV-C Lights for Use in Air-Handling Units or Air Ducts to Inactivate Airborne Microorganisms (addenda to ANSI/ASHRAE Standard 185.1 -2015): 1/31/2020

ASTM (ASTM International)

New Standard

ANSI/ASTM E3182-2020, Practice for Preparing an Occupant Exposure Screening Report (OESR) for Substances in Installed Building Products (new standard): 1/1/2020

ANSI/ASTM F3412-2020, Terminology for Treestands (new standard): 2/1/2020

ANSI/ASTM F3415-2020, Test Method for Triaxial Shear Strength and Cohesion of Equine Sports Surfaces (new standard): 1/21/2020

ANSI/ASTM F3417-2020, Test Method for Gas Chromatography Analysis of Petroleum Waxes Used in Equestrian Synthetic Surfaces (new standard): 1/21/2020

ANSI/ASTM F3418-2020, Test Method for Measurement of Transition Temperatures of Slack Waxes Used in Equine Sports Surfaces by Differential Scanning Calorimetry (DSC) (new standard): 1/21/2020

Reaffirmation

ANSI/ASTM D3212-2017 (R2020), Specification for Joints for Drain and Sewer Plastic Pipes Using Flexible Elastomeric Seals (reaffirmation of ANSI/ASTM D3212-2017): 2/1/2020

ANSI/ASTM E2655-2014 (R2020), Guide for Reporting Uncertainty of Test Results and Use of the Term Measurement Uncertainty in ASTM Test Methods (reaffirmation of ANSI/ASTM E2655-2014): 1/21/2020

ANSI/ASTM E2762-2010 (R2020), Practice for Sampling a Stream of Product by Variables Indexed by AQL (reaffirmation of ANSI/ASTM E2762-2010 (R2014)): 1/21/2020

ANSI/ASTM F940-2000 (R2020), Practice for Quality Control Receipt Inspection Procedures for Protective Coatings (Paint), Used in Marine Construction and Shipbuilding (reaffirmation of ANSI/ASTM F940-2000 (R2013)): 12/24/2019

ANSI/ASTM F941-2000 (R2020), Practice for Inspection of Marine Surface Preparation and Coating Application (reaffirmation of ANSI/ASTM F941 -2000 (R2013)): 12/24/2019

ANSI/ASTM F1005-1997 (R2020), Practice for HVAC Duct Shapes; Identification and Description of Design Configuration (reaffirmation of ANSI/ASTM F1005-1997 (R2013)): 12/24/2019

ANSI/ASTM F1098-2010 (R2020), Specification for Envelope Dimensions for Butterfly Valves NPS 2 to 24 (reaffirmation of ANSI/ASTM F1098-2010 (R2015)): 12/24/2019

ANSI/ASTM F1120-2010 (R2020), Specification for Circular Metallic Bellows Type Expansion Joints for Piping Applications (reaffirmation of ANSI/ASTM F1120-2010 (R2015)): 12/24/2019

ANSI/ASTM F1121-2010 (R2020), Specification for International Shore Connections for Marine Fire Applications (reaffirmation of ANSI/ASTM F1121-2010 (R2015)): 12/24/2019

ANSI/ASTM F1123-2010 (R2020), Specification for Non-Metallic Expansion Joints (reaffirmation of ANSI/ASTM F1123-2010 (R2015)): 12/24/2019

ANSI/ASTM F1139-2010 (R2020), Specification for Steam Traps and Drains (reaffirmation of ANSI/ASTM F1139-2010 (R2015)): 12/24/2019

ANSI/ASTM F1155-2010 (R2020), Practice for Selection and Application of Piping System Materials (reaffirmation of ANSI/ASTM F1155-2010 (R2015)): 12/24/2019

ANSI/ASTM F1172-2010 (R2020), Specification for Fuel Oil Meters of the Volumetric Positive Displacement Type (reaffirmation of ANSI/ASTM F1172 -1988 (2015)E1): 12/24/2019

ANSI/ASTM F1182-2007 (R2020), Specification for Anodes, Sacrificial Zinc Alloy (reaffirmation of ANSI/ASTM F1182-2007 (R2013)): 12/24/2019

ANSI/ASTM F1199-2010 (R2020), Specification for Cast (All Temperatures and Pressures) and Welded Pipe Line Strainers (150 psig and 150F Maximum) (reaffirmation of ANSI/ASTM F1199-2010 (R2015)): 12/24/2019

ANSI/ASTM F1270-1997 (R2020), Practice for Preparing and Locating Emergency Muster Lists (reaffirmation of ANSI/ASTM F1270-1997 (R2013)): 12/24/2019

ANSI/ASTM F1333-1997 (R2020), Specification for Construction of Fire and Foam Station Cabinets (reaffirmation of ANSI/ASTM F1333-1997 (R2013)): 12/24/2019

ANSI/ASTM F1338-1997 (R2020), Guide for Main Propulsion Medium Speed Marine Diesel Engines Covering Performance and Minimum Scope of Assembly (reaffirmation of ANSI/ASTM F1338-1997 (R2013)): 12/24/2019

ANSI/ASTM F1348-1997 (R2020), Specification for Pneumatic Rotary Descaling Machines (reaffirmation of ANSI/ASTM F1348/F1348M-1991 (2013)): 12/24/2019

ANSI/ASTM F1476-2007 (R2020), Specification for Performance of Gasketed Mechanical Couplings for Use in Piping Applications (reaffirmation of ANSI/ASTM F1476-2007 (R2013)): 12/24/2019

ANSI/ASTM F1510-2007 (R2020), Specification for Rotary Positive Displacement Pumps, Ships Use (reaffirmation of ANSI/ASTM F1510-2007 (R2013)): 12/24/2019

ANSI/ASTM F1808-2003 (R2020), Guide for Weight Control Technical Requirements for Surface Ships (reaffirmation of ANSI/ASTM F1808-2003 (R2013)): 12/24/2019

ANSI/ASTM F2168-2013 (R2020), Specification for Packing Material, Graphitic, Corrugated Ribbon or Textured Tape, and Die-Formed Ring (reaffirmation of ANSI/ASTM F2168-2013): 12/24/2019

ANSI/ASTM F2271-2011 (R2020), Specification for Paintball Marker Barrel Blocking Devices (reaffirmation of ANSI/ASTM F2271-2011 (R2015)): 12/24/2019

ANSI/ASTM F2362-2009 (R2020), Specification for Temperature Monitoring Equipment (reaffirmation of ANSI/ASTM F2362-2009 (R2013)): 12/24/2019

ANSI/ASTM F2396-2011 (R2020), Guide for Construction of High Performance Sand-Based Rootzones for Athletic Fields (reaffirmation of ANSI/ASTM F2396-2011): 12/24/2019

ANSI/ASTM F2569-2011 (R2020), Test Method for Evaluating the Force Reduction Properties of Surfaces for Athletic Use (reaffirmation of ANSI/ASTM F2569-2011): 12/24/2019

ANSI/ASTM F2772-2011 (R2020), Specification for Athletic Performance Properties of Indoor Sports Floor Systems (reaffirmation of ANSI/ASTM F2772-2011): 12/24/2019

ANSI/ASTM F2904-2011 (R2020), Specification for Warnings on Paintball Marker Accessories Used In the Sport of Paintball (reaffirmation of ANSI/ASTM F2904-2011 (R2015)): 12/24/2019

ANSI/ASTM F3100-2015 (R2020), Practice for Low Impact Paintball Field Operation (reaffirmation of ANSI/ASTM F3100-2015): 12/24/2019

Revision

ANSI/ASTM D1655-2020, Specification for Aviation Turbine Fuels (revision of ANSI/ASTM D1655-2019): 12/24/2019

ANSI/ASTM D5001-2020, Test Method for Measurement of Lubricity of Aviation Turbine Fuels by the Ball-on-Cylinder Lubricity Evaluator (BOCLE) (revision of ANSI/ASTM D5001-2014 (R2014)): 12/24/2019

ANSI/ASTM D6300-2020, Practice for Determination of Precision and Bias Data for Use in Test Methods for Petroleum Products and Lubricants (revision of ANSI/ASTM D6300-2019): 12/24/2019

ANSI/ASTM D7566-2020, Specification for Aviation Turbine Fuel Containing Synthesized Hydrocarbons (revision of ANSI/ASTM D7566-2019): 12/24/2019

ANSI/ASTM E18-2020, Test Methods for Rockwell Hardness of Metallic Materials (revision of ANSI/ASTM E18-2019): 2/1/2020

ANSI/ASTM E329-2020, Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection (revision of ANSI/ASTM E329 -2018): 1/1/2020

ANSI/ASTM E648-2020, Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source (revision of ANSI/ASTM E648-2019): 12/24/2019

ANSI/ASTM E1474-2020, Test Method for Determining the Heat Release Rate of Upholstered Furniture and Mattress Components or Composites Using a Bench Scale Oxygen Consumption Calorimeter (revision of ANSI/ASTM E1474-2014): 1/1/2020

ANSI/ASTM E1474-2020, Test Method for Determining the Heat Release Rate of Upholstered Furniture and Mattress Components or Composites Using a Bench Scale Oxygen Consumption Calorimeter (revision of ANSI/ASTM E1474-2014): 2/1/2020

ANSI/ASTM E1740-2020, Test Method for Determining the Heat Release Rate and Other Fire-Test-Response Characteristics of Wall Covering or Ceiling Covering Composites Using a Cone Calorimeter (revision of ANSI/ASTM E1740-2015): 1/1/2020

ANSI/ASTM E1740-2020, Test Method for Determining the Heat Release Rate and Other Fire-Test-Response Characteristics of Wall Covering or Ceiling Covering Composites Using a Cone Calorimeter (revision of ANSI/ASTM E1740-2015): 2/1/2020

ANSI/ASTM E2187-2020, Test Method for Measuring the Ignition Strength of Cigarettes (revision of ANSI/ASTM E2187-2016): 2/1/2020

ANSI/ASTM E2632-2020, Test Method for Evaluating the Under-Deck Fire Test Response of Deck Materials (revision of ANSI/ASTM E2632-2013): 2/1/2020

ANSI/ASTM E2846-2020, Guide for Thermocouple Verification (revision of ANSI/ASTM E2846-2017): 1/21/2020

ANSI/ASTM E3134-2020, Specification for Transportation Tunnel Structural Components and Passive Fire Protection Systems (revision of ANSI/ASTM E3134-2017): 1/1/2020

ANSI/ASTM F782-2020, Specification for Doors, Furniture, Marine (revision of ANSI/ASTM F782-2001 (R2012)): 12/24/2019

ANSI/ASTM F841-2020, Specification for Thrusters, Tunnel, Permanently Installed in Marine Vessels (revision of ANSI/ASTM F841-84 (R2011)): 12/24/2019

ANSI/ASTM F877-2020, Specification for Crosslinked Polyethylene (PEX) Hot- and Cold-Water Distribution Systems (revision of ANSI/ASTM F877-2017): 1/21/2020

ANSI/ASTM F1076-2020, Practice for Expanded Welded and Silver Brazed Socket Joints for Pipe and Tube (revision of ANSI/ASTM F1076-2010 (R2015)): 12/24/2019

ANSI/ASTM F1085-2020, Specification for Mattress and Box Springs for Use in Berths in Marine Vessels (revision of ANSI/ASTM F1085-2014): 12/24/2019

ANSI/ASTM F1092-2020, Specification for Fiberglass (GRP) Pultruded Open-Weather Storm and Guard, Square Railing Systems (revision of ANSI/ASTM F1092-2014): 12/24/2019

ANSI/ASTM F1142-2020, Specification for Manhole Cover Assembly, Bolted, Semi-Flush, Oiltight and Watertight (revision of ANSI/ASTM F1142-1990 (R2012)): 12/24/2019

ANSI/ASTM F1245-2020, Specification for Faucets, Single and Double, Compression and Self-Closing Type, Shipboard (revision of ANSI/ASTM F1245-1989 (R2012)): 12/24/2019

ANSI/ASTM F1312-2020, Specification for Brick, Insulating, High Temperature, Fire Clay (revision of ANSI/ASTM F1312-90 (R2013)): 12/24/2019

ANSI/ASTM F2115-2020, Specification for Motorized Treadmills (revision of ANSI/ASTM F2115-2018): 12/24/2019

ANSI/ASTM F2223-2020, Guide for ASTM Standards on Playground Surfacing (revision of ANSI/ASTM F2223-2019): 12/24/2019

ANSI/ASTM F2337-2020, Test Method for Treestand Fall Arrest System (revision of ANSI/ASTM F2337-2019): 12/24/2019

ANSI/ASTM F2828-2020, Test Method for Assessing Carpet Cleaning Effectiveness in Terms of Visual Appearance Change When Cleaned with a Wet Extraction Cleaning System (revision of ANSI/ASTM F2828-2012): 1/1/2020

ANSI/ASTM F2829-2020, Specification for Metric- and Inch-Sized Crosslinked Polyethylene (PEX) Pipe Systems (revision of ANSI/ASTM F2829-2017): 2/1/2020

ANSI/ASTM F3383-2020, Test Method for Filament Bind of Single Fibers in Synthetic Turf (revision of ANSI/ASTM F3383-2019): 12/24/2019

Withdrawal

ANSI/ASTM F2120-2006 (R2014), Practice for Testing Treestand Load Capacity (withdrawal of ANSI/ASTM F2120-2006 (R2014)): 12/24/2019

AWS (American Welding Society)

Addenda

ANSI/AWS B2.4-2020-AMD1, Specification for Welding Procedure and Performance Qualification for Thermoplastics (addenda to ANSI/AWS B2.4 -2012): 1/30/2020

New Standard

ANSI/AWS C3.14M/C3.14-2020, Standard Method for Evaluation of Brazed Joints using Visual and Metallographic Techniques (new standard): 1/31/2020

AWWA (American Water Works Association)

Reaffirmation

ANSI/AWWA B102-2014 (R2020), Manganese Greensand for Filters (reaffirmation of ANSI/AWWA B102-2014): 1/30/2020

Revision

ANSI/AWWA D106-2020, Sacrificial Anode Cathodic Protection Systems for the Interior Submerged Surfaces of Steel Water Storage Tanks (revision of ANSI/AWWA D106-2015): 2/4/2020

CSA (CSA America Standards Inc.)

Reaffirmation

ANSI Z21.23-2010 (R2020), Gas Appliance Thermostats (reaffirmation of ANSI Z21.23-2010 (R2015)): 2/4/2020

ANSI Z21.78-2010 (R2020)/CSA 6.20-2010 (R2020), Combination Gas Controls for Gas Appliances (same as CSA 6.20) (reaffirmation of ANSI Z21.78-2010 (R2015)/CSA 6.20-2010 (R2015)): 2/4/2020

CTA (Consumer Technology Association)

New Standard

* ANSI/CTA 2075-2020, Loudness Standard for Over the Top Television (OTT) and Online Video Distribution (OVD) for Mobile and Fixed Devices (new standard): 1/31/2020

ISA (International Society of Automation)

Revision

ANSI/ISA 96.03.01-2019, Guidelines for the Specification of Heavy Duty Pneumatically Powered Quarter Turn Scotch Yoke Valve Actuators (revisior of ANSI/ISA 96.03.01-2012): 2/3/2020

NSF (NSF International)

Revision

ANSI/NSF 49-2020 (i54r6), Biosafety Cabinetry - Design Construction, Performance and Field Certification (revision of ANSI/NSF 49-2019): 1/29/2020

ANSI/NSF 49-2020 (i149r2), Biosafety Cabinetry - Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2019): 2/3/2020

TAPPI (Technical Association of the Pulp and Paper Industry)

New Standard

ANSI/TAPPI T 545 om-2020, Cross-machine grammage profile measurement (gravimetric method) (new standard): 1/31/2020

Reaffirmation

ANSI/TAPPI T 453 sp-2013 (R2020), Effect of dry heat on properties of paper and board (reaffirmation of ANSI/TAPPI T 453 sp-2013): 1/31/2020

ANSI/TAPPI T 527 om-2013 (R2020), Color of paper and paperboard (d/0, C/2) (reaffirmation of ANSI/TAPPI T 527 om-2013): 1/31/2020

ANSI/TAPPI T 1200 sp-2014 (R2020), Interlaboratory evaluation of test methods to determine TAPPI repeatability and reproducibility (reaffirmation of ANSI/TAPPI T 1200 sp-2014): 1/31/2020

Revision

ANSI/TAPPI T 240 om-2020, Consistency (concentration) of pulp suspensions (revision of ANSI/TAPPI T 240 om-2012): 1/31/2020

ANSI/TAPPI T 1211 sp-2020, Self-certification practice for organizations providing reference materials for TAPPI Standards (revision of ANSI/TAPPI T 1211 sp-2011): 1/31/2020

UL (Underwriters Laboratories, Inc.)

New Standard

ANSI/UL 2900-2-3-2020, Standard for Safety for Software Cybersecurity for Network-Connectable Products, Part 2-3: Particular Requirements for Security and Life Safety Signaling Systems (new standard): 1/31/2020

Reaffirmation

ANSI/UL 1004-2-2015 (R2020), Standard for Safety for Impedance Protected Motors (reaffirmation of ANSI/UL 1004-2-2015): 1/30/2020

ANSI/UL 1598A-2005 (R2020), Standard for Safety for Supplemental Requirements for Luminaires for Installation on Marine Vessels (reaffirmation of ANSI/UL 1598A-2005 (R2014)): 1/28/2020

ANSI/UL 1598B-2014 (R2020), Standard for Safety for Supplemental Requirements for Luminaire Reflector Kits for Installation on Previously Installed Fluorescent Luminaires (reaffirmation of ANSI/UL 1598B-2014): 2/3/2020

ANSI/UL 1784-2015 (R2020), Standard for Safety for Air Leakage Tests of Door Assemblies and Other Opening Protectives (reaffirmation of ANSI/UL 1784-2015): 1/24/2020

Revision

ANSI/UL 203-2020, Standard for Pipe Hanger Equipment for Fire Protection Service (revision of ANSI/UL 203-2015): 2/3/2020

ANSI/UL 203-2020, Standard for Pipe Hanger Equipment for Fire Protection Service (revision of ANSI/UL 203-2015): 2/3/2020

ANSI/UL 921-2020, Standard for Safety for Commercial Dishwashers (revision of ANSI/UL 921-2017): 1/30/2020

ANSI/UL 1203-2020, Standard for Safety for Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations (revision of ANSI/UL 1203-2019): 1/30/2020

ANSI/UL 2061-2020, Standard for Safety for Adapters and Cylinder Connection Devices for Portable LP-Gas Cylinder Assemblies (revision of ANSI/UL 2061-2015): 1/29/2020

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.

API (American Petroleum Institute)

Contact: Sally Goodson, (202) 682-8130, goodsons@api.org
200 Massachusetts Avenue NW, Washington, DC 20001

New National Adoption

BSR/API MPMS Chapter 17.10.1-202x, Measurement of Cargoes on Board Marine Gas Carriers - Part 1: LNG, 1st Ed. April 2014fc (national adoption with modifications of ISO 10976:2015)

Stakeholders: Those involved in the LNG trade include: producers, sellers, purchasers, LNG carrier (marine) personnel, and LNG terminal personnel.

Project Need: The current 17.10.1 is an identical adoption of ISO 10976:2012 and does not include changes in the current ISO 10976-2015. Additionally, API has identified enhancements that need to be included. The enhancements identified include referring to API standards, clarifying the reliquefication operation at gauging and modifying the tank thermal correction description.

This International Standard establishes all of the steps needed to properly measure and account for the quantities of cargoes on liquefied natural gas (LNG) carriers. This includes, but is not limited to, the measurement of liquid volume, vapor volume, temperature and pressure, and accounting for the total quantity of the cargo on board. This International Standard describes the use of common measurement systems used on board LNG carriers, the aim of which is to improve the general knowledge and processes in the measurement of LNG for all parties concerned. This International Standard provides general requirements for those involved in the LNG trade on ships and onshore.

AWS (American Welding Society)

Contact: Jennifer Molin, (305) 443-9353, jmolin@aws.org
8669 NW 36th Street, Suite 130, Miami, FL 33166

Revision

BSR/AWS D1.1/D1.1M-202x, Structural Welding Code - Steel (revision of ANSI/AWS D1.1/D1.1M-2019)

Stakeholders: Structural steel fabricators, welding equipment manufacturers, welding filler metal manufacturers, welding consultants, structural steel engineering firms, structural steel inspectors and firms, and testing agencies.

Project Need: Industry needs a standard for weld design, weld fabrication, weld inspection, and weld quality control of welded steel structures.

This code covers the welding requirements for any type of welded structure made from the commonly used carbon and low-alloy constructional steels. Clauses 1 through 11 constitute a body of rules for the regulation of welding in steel construction. There are eight normative and eleven informative annexes in this code. A Commentary of the code is included with the document.

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

Contact: Conrad Jahrling, (708) 995-3017, conrad.jahrling@asse-plumbing.org
18927 Hickory Creek Dr Suite 220, Mokena, IL 60448

Revision

BSR/ASSE 1056-202x, Performance Requirements for Spill Resistant Vacuum Breakers (revision of ANSI/ASSE 1056-2013)

Stakeholders: Plumbing, plumbing inspectors, plumbing contractors, and plumbing manufacturers.

Project Need: Goal is to revise the standard.

Spill-resistant vacuum breaker assemblies are installed in the water supply lines to prevent the backflow of non-potable material into the potable water supply caused by backsiphonage only. They are not for use in any system where backpressure is applied to the assembly. When the system is pressurized, the air inlet valve closes to prevent flow through the check valve and to eliminate vent spillage.

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

Contact: George Istefan, (909) 218-8131, standards@iapmostandards.org
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New Standard

BSR/IAPMO Z1351-202x, Applied in Place Pipe Rehabilitation (AIPPR) Systems (new standard)

Stakeholders: Manufacturers, users, inspectors, distributors, designers, and contractors.

Project Need: Needed for testing and certification purposes.

This Standard covers applied-in-place pipe rehabilitation (AIPPR) systems intended for use in 40 to 400 DN (1.5 to 16 NPS) gravity and pressure applications such as DWV, sanitary sewer, storm sewer, electrical conduit, ventilation, process piping, and non-potable supply piping systems and specifies requirements for materials, physical characteristics, performance testing, and markings. Applied-in-place pipe rehabilitation systems (AIPPR) covered by this Standard (a) employ a general-purpose two-component polyurea derived from the reaction product of an isocyanate component and a synthetic resin blend component through step-growth polymerization and (b) are applied to the pipe and fitting system through using spray, brush, or troweling to a finished thickness of not less than SDR 100.

ICC (International Code Council)

Contact: Karl Aittaniemi, (888) 422-7233, kaittaniemi@iccsafe.org
4051 Flossmoor Road, Country Club Hills, IL 60478

New Standard

BSR/ICC 1200-202x, Standard for Off-Site Construction: Planning, Design, Fabrication and Assembly (new standard)

Stakeholders: Code officials, builders, manufacturers, design professionals, certification agencies.

Project Need: The lack of uniformity on how off-site construction is handled, the confusion across participants in the building process, and the hesitancy within the code official community reinforces the need for development of common criteria in the form of a standard to offer a path to compliance necessary to support the off-site construction industry.

Development of a comprehensive standard to address all facets of the off-site construction process including: planning; designing; fabricating; transporting; and assembling commercial and residential building elements. This includes componentized, panelized, and modularized elements. This standard will not apply to HUD Manufactured Housing.

BSR/ICC 1205-202x, Standard for Off-Site Construction: Inspection and Regulatory Compliance (new standard)

Stakeholders: Code officials, builders, manufacturers, design professionals, certification agencies.

Project Need: The lack of uniformity on how off-site construction is handled, the confusion across participants in the building process, and the hesitancy within the code official community reinforces the need for development of common criteria in the form of a standard to provide a model regulatory program and offer a path to compliance necessary to support the off-site construction industry.

Development of a comprehensive standard to address the inspection, approval, and regulatory compliance of off-site residential and commercial construction components and their assembly and completion at the final building site. This includes: permitting; in-plant and on-site final inspections; third-party inspections; the role of Industrialized Building Departments, state modular programs, and the Authority Having Jurisdiction. Off-site construction includes componentized, panelized, and modularized elements. This standard will not apply to HUD Manufactured Housing.

IES (Illuminating Engineering Society)

Contact: Patricia McGillicuddy, (917) 913-0027, pmcgillicuddy@ies.org
120 Wall Street, Floor 17, New York, NY 10005

New Standard

BSR/IES RP-43-202x, Recommended Practice: Lighting Exterior Applications (new standard)

Stakeholders: Lighting practitioners, electrical engineers, architects, landscape architects, landscape lighting installers, luminaire and light source manufacturers, lighting test labs, regulatory agencies, building owners, the general public.

Project Need: Using general application text that is not specific to environmental considerations, and merging it with IES Handbook Ch. 26 content.

Lighting for the outdoor environment is different from lighting for an interior space. The natural cycle for light is to arrive from the sun and sky during the day and from the stars and moon at night, with gradual changes between dark and light. However, electric lighting has changed and is different from the natural cycle in numerous ways.

Revision

BSR/IES RP-8-202x, Recommended Practice for Design and Maintenance of Roadway and Parking Facility Lighting (revision, redesignation and consolidation of ANSI/IES RP-8-2018, ANSI/IES RP-8 Addendum 1-2020)

Stakeholders: Lighting practitioners, electrical engineers, civil engineers, luminaire and light source manufacturers, regulatory agencies, municipalities, lighting test labs, the general public.

Project Need: This standard will reflect current knowledge and best practices for roadway lighting.

Revisions to ANSI/IES RP-8-18 to include change to off-roadway, tunnels, parking, vision, light sources, signage, maintenance, intersections, field measurements, calculations, conflict areas, luminance selection methodology, and roadway outdoor controls.

OPEI (Outdoor Power Equipment Institute)

Contact: Daniel Mustico, (703) 678-2990, dmustico@opei.org
1605 King Street, Alexandria, VA 22314

New National Adoption

BSR/OPEI/ISO 5395-1-202x, Garden equipment - Safety requirements for powered lawnmowers - Part 1: Terminology and common tests (national adoption with modifications of ISO 5395-1:2013 and replaces ANSI/OPEI B71.1-2017 & ANSI/OPEI B71.4-2017)

Stakeholders: Producers, users, general interest.

Project Need: The need for this project is to replace the existing American National Standards (i.e., ANSI/OPEI B71.1-2017, ANSI/OPEI B71.4-2017) with a new American National Standard based on a modified national adoption of ISO 5395-1:2013.

OPEI/ISO 5395-1 is intended to specify terminology and common test methods used for verification of safety requirements for powered lawnmowers including pedestrian-controlled and ride-on types. This proposed standard excludes (a) robotic and remote-controlled lawnmowers, (b) equipment designed primarily for agricultural purposes, and (c) equipment designed primarily for cutting grass or other growth on roadsides.

BSR/OPEI/ISO 5395-2-202x, Garden equipment - Safety requirements for powered lawnmowers - Part 2: Pedestrian-controlled lawnmowers (national adoption with modifications of ISO 5395-2:2013 and replaces ANSI/OPEI B71.1-2017 & ANSI/OPEI B71.4 -2017)

Stakeholders: Producers, users, general interest.

Project Need: The need for this project is to replace the existing American National Standards (i.e., ANSI/OPEI B71.1-2017, ANSI/OPEI B71.4-2017) with a new American National Standard based on a modified national adoption of ISO 5395-2:2013.

OPEI/ISO 5395-2 is intended to specify safety requirements and their verification for powered pedestrian-controlled lawnmowers, including pedestrian-controlled mowers with a sulky. This proposed standard excludes robotic and remote-controlled lawnmowers.

BSR/OPEI/ISO 5395-3-202x, Garden equipment - Safety requirements for powered lawnmowers - Part 3: Ride-on lawnmowers (national adoption with modifications of ISO 5395-3:2013 and replaces ANSI/OPEI B71.1-2017 & ANSI/OPEI B71.4-2017)

Stakeholders: Producers, users, general interest.

Project Need: The need for this project is to replace the existing American National Standards (i.e., ANSI/OPEI B71.1-2017, ANSI/OPEI B71.4-2017) with a new American National Standard based on a modified national adoption of ISO 5395-3:2013.

OPEI/ISO 5395-3 is intended to specify safety requirements and their verification for powered ride-on lawnmowers, with both seated and standing operators. This proposed standard excludes robotic and remote-controlled lawnmowers.

New Standard

BSR/OPEI B71.6-202x, Powered Consumer Chipper/Shredders and Pedestrian-Controlled Chipper/Shredder Vacuums - Safety Specifications (new standard)

Stakeholders: Producers, users, general interest.

Project Need: To revise the existing standard to reflect state-of-art requirements.

The safety specifications given in this standard are for powered consumer (a) chippers, (b) shredders, (c) chipper/shredder baggers, (d) chipper/shredder vacuums. Power may be supplied by an internal-combustion engine or an electric motor. These specifications are intended to provide safety requirements and to help ensure uniform operator environments. They are intended to apply to products specifically intended as consumer products for the personal use of a consumer around the home.

American National Standards Maintained 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-AGRSS (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, Inc.)**

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 “Standards Activities,” click on “Public Review and Comment” and “American National Standards Maintained Under Continuous Maintenance.” This information is also available directly at www.ansi.org/publicreview

Alternatively, you may contact the Procedures & Standards Administration department (PSA) at psa@ansi.org or via fax at 212-840-2298. If you request that information be provided via E-mail, please include your E-mail address; if you request that information be provided via fax, please include your fax number. Thank you.

ANSI-Accredited Standards Developers Contact Information

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
Phone: (719) 453-1036
Web: www.aafs.org

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

ADA (Organization)
American Dental Association
211 East Chicago Avenue
Chicago, IL 60611-2678
Phone: (312) 587-4129
Web: www.ada.org

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

APCO
Association of Public-Safety Communications Officials-International
351 N. Williamson Boulevard
Daytona Beach, FL 32114
Phone: (920) 579-1153
Web: www.apcointl.org

API
American Petroleum Institute
200 Massachusetts Avenue NW
Washington, DC 20001
Phone: (202) 682-8130
Web: www.api.org

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

ASHRAE
American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
1791 Tullie Circle, NE
Atlanta, GA 30329-2305
Phone: (678) 539-1125
Web: www.ashrae.org

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

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

ATIS
Alliance for Telecommunications Industry Solutions
1200 G Street NW
Suite 500
Washington, DC 20005
Phone: (202) 628-6380
Web: www.atis.org

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

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

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

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

ESTA
Entertainment Services and Technology Association
630 Ninth Avenue
Suite 609
New York, NY 10036-3748
Phone: (212) 244-1505
Web: www.esta.org

Home Innovation
Home Innovation Research Labs
400 Prince George's Boulevard
Upper Marlboro, MD 20774-8731
Phone: (301) 430-6314
Web: www.HomeInnovation.com

IAPMO (ASSE Chapter)
ASSE International Chapter of IAPMO
18927 Hickory Creek Dr Suite 220
Mokena, IL 60448
Phone: (708) 995-3017
Web: www.asse-plumbing.org

IAPMO (Z)
International Association of Plumbing & Mechanical Officials
Phone: (909) 218-8131
Web: www.iapmort.org

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

IES
Illuminating Engineering Society
120 Wall Street, Floor 17
New York, NY 10005
Phone: (917) 913-0027
Web: www.ies.org

ISA (Organization)
International Society of Automation
67 Alexander Drive
Research Triangle Park, NC 27709
Phone: (919) 990-9228
Web: www.isa.org

ITSDF
Industrial Truck Standards Development Foundation, Inc.
1750 K Street NW
Suite 460
Washington, DC 20006
Phone: (202) 296-9880
Web: www.indtrk.org

NEMA (ASC C29)
National Electrical Manufacturers Association
1300 North 17th Street
Suite 900
Rosslyn, VA 22209
Phone: (703) 841-3231
Web: www.nema.org

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

NEMA (Canvass)
National Electrical Manufacturers Association
1300 North 17th Street
Rosslyn, VA 22209
Phone: (703) 841-3288
Web: www.nema.org

NFPA
National Fire Protection Association
One Batterymarch Park
Quincy, MA 02269-9101
Phone: (617) 984-7248
Web: www.nfpa.org

NFRC
National Fenestration Rating Council
6305 Ivy Lane
Suite 140
Greenbelt, MD 20770
Phone: (301) 589-1776
Web: www.nfrc.org

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

OPEI
Outdoor Power Equipment Institute

1605 King Street
Alexandria, VA 22314
Phone: (703) 678-2990

Web: www.opei.org

SCTE
Society of Cable Telecommunications Engineers

140 Philips Rd
Exton, PA 19341
Phone: (800) 542-5040

Web: www.scte.org

TAPPI
Technical Association of the Pulp and Paper Industry

15 Technology Parkway South
Suite 115
Peachtree Corners, GA 30092
Phone: (770) 209-7278

Web: www.tappi.org

UL
Underwriters Laboratories, Inc.

333 Pfingsten Road
Northbrook, IL 60062
Phone: (847) 664-1292

Web: www.ul.com

VC (ASC Z80)
The Vision Council

225 Reinekers Lane
Alexandria, VA 22314
Phone: 585-387-9913

Web: www.z80asc.com

ISO & IEC Draft International Standards

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

Comments

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

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

Ordering Instructions

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

ISO Standards

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO/DIS 4120, Sensory analysis - Methodology - Triangle test sensory - 4/16/2020, $62.00

ISO/DIS 6540, Maize - Determination of moisture content (on milled grains and on whole grains) - 4/16/2020, $88.00

ISO/DIS 23319, Cheese and processed cheese products, caseins and caseinates - Determination of fat content - Gravimetric method - 4/19/2020, $67.00

ISO/DIS 23662, Definitions and technical criteria for foods and food ingredients suitable for vegetarians or vegans and for labelling and claims - 4/23/2020, $40.00

ISO/DIS 8196-3, Milk - Definition and evaluation of the overall accuracy of alternative methods of milk analysis - Part 3: Protocol for the evaluation and validation of alternative quantitative methods of milk analysis - 4/19/2020, $107.00

EARTH-MOVING MACHINERY (TC 127)

ISO/DIS 21815-1, Earth-moving machinery - Collision warning and avoidance - Part 1: General requirements - 4/16/2020, $71.00

ESSENTIAL OILS (TC 54)

ISO/DIS 7358, Essential oils of bergamot, lemon, bitter orange and lime, fully or partially reduced in bergapten - Determination of bergapten content by high-performance liquid chromatography (HPLC) - 4/25/2020, $53.00

FLUID POWER SYSTEMS (TC 131)

ISO/DIS 4406, Hydraulic fluid power - Fluids - Method for coding the level of contamination by solid particles - 4/18/2020, $40.00

ISO/DIS 11171, Hydraulic fluid power - Calibration of automatic particle counters for liquids - 4/18/2020, $119.00

FOOTWEAR (TC 216)

ISO/DIS 21061, Footwear - Chemical tests - General principles on the preparation of samples - 4/23/2020, $53.00

INFORMATION AND DOCUMENTATION (TC 46)

ISO/DIS 24083, Information and documentation - International archives statistics - 4/16/2020, $107.00

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

ISO/DIS 19901-5, Petroleum and natural gas industries - Specific requirements for offshore structures - Part 5: Weight management - 4/16/2020, $134.00

NUCLEAR ENERGY (TC 85)

ISO/DIS 12749-6, Nuclear energy, nuclear technologies, and radiological protection - Vocabulary - Part 6: Nuclear medicine - 4/20/2020, $77.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO/DIS 14881, Integrated optics - Interfaces - Parameters relevant to coupling properties - 4/23/2020, $53.00

ISO/DIS 22248, Lasers and laser-related equipment - Test methods for laser-induced damage threshold - Classification of medical beam delivery systems - 4/24/2020, $71.00

ISO/DIS 11807-1, Integrated optics - Vocabulary - Part 1: Optical waveguide basic terms and symbols - 4/23/2020, $71.00

ISO/DIS 11807-2, Integrated optics - Vocabulary - Part 2: Terms used in classification - 4/23/2020, $53.00

OTHER

ISO/DIS 17226-1, Leather - Chemical determination of formaldehyde content - Part 1: Method using liquid chromatography - 4/18/2020, $53.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO/DIS 17420-7, Respiratory protective devices - Performance requirements - Part 7: Special application other than fire services and escape - Supplied breathable gas RPD and filtering RPD - 4/13/2020, $98.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO/DIS 9038, Determination of sustained combustibility of liquids - 4/16/2020, $62.00

PLAIN BEARINGS (TC 123)

ISO/DIS 7905-2, Plain bearings - Bearing fatigue - Part 2: Test with a cylindrical specimen of a metallic bearing material - 4/23/2020, $33.00

PLASTICS (TC 61)

ISO/DIS 16790, Plastics - Determination of drawing characteristics of thermoplastics in the molten state - 11/6/2015, $62.00

ISO/DIS 17555, Plastics - Film and sheeting - Biaxially oriented polypropylene (PP) films - 4/19/2020, $40.00

ISO/DIS 19095-6, Plastics - Evaluation of the adhesion interface performance in plastic-metal assemblies - Part 6: Accelerated degradation test - 4/24/2020, $53.00

ROAD VEHICLES (TC 22)

ISO/DIS 21498-2, Electrically propelled road vehicles - Electrical specifications and tests for voltage class B systems and components - Part 2: Electrical tests for components - 4/19/2020, $112.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 5893/DAmd1, Rubber and plastics test equipment - Tensile, flexural and compression types (constant rate of traverse) - Specification - Amendment 1 - 4/17/2020, $29.00

ISO/DIS 1402, Rubber and plastics hoses and hose assemblies - Hydrostatic testing - 4/19/2020, $46.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 21716-1, Ships and marine technology - Bioassay methods for screening anti-fouling paints - Part 1: General requirements - 4/25/2020, $53.00

ISO/DIS 21716-2, Ships and marine technology - Bioassay methods for screening anti-fouling paints - Part 2: Barnacles - 4/25/2020, $93.00

ISO/DIS 21716-3, Ships and marine technology - Bioassay methods for screening anti-fouling paints - Part 3: Mussels - 4/25/2020, $77.00

SMALL TOOLS (TC 29)

ISO/DIS 11901-5, Tools for pressing - Gas springs - Part 5: Safety instructions for gas springs - 4/19/2020, $67.00

SOLID BIOFUELS (TC 238)

ISO/DIS 16559, Solid biofuels - Terminology, definitions and descriptions - 4/17/2020, $98.00

STEEL (TC 17)

ISO/DIS 15349-2, Unalloyed steel - Determination of low carbon content - Part 2: Infrared absorption method after combustion in an induction furnace (with preheating) - 4/16/2020, $62.00

TECHNICAL SYSTEMS AND AIDS FOR DISABLED OR HANDICAPPED PERSONS (TC 173)

ISO/DIS 21856, Assistive products - General requirements and test methods - 4/19/2020, $125.00

ISO/DIS 7176-14, Wheelchairs - Part 14: Power and control systems for electrically powered wheelchairs and scooters - Requirements and test methods - 4/20/2020, $134.00

TERMINOLOGY (PRINCIPLES AND COORDINATION) (TC 37)

ISO/DIS 24627-3, Language resource management - Comprehensive Annotation Framework (ComAF) - Part 3: Diagrammatic semantic authoring (DSA) - 4/24/2020, $46.00

TEXTILES (TC 38)

ISO/DIS 9073-4, Textiles - Test methods for nonwovens - Part 4: Determination of tear resistance - 4/16/2020, $33.00

ISO/DIS 22992-2, Textiles - Determination of certain preservatives - Part 2: Determination of triclosan residues method using LC-MS/MS - 4/20/2020, $40.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 23008-3/DAmd2, Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 3: 3D audio - Amendment 2: Corrections and improvements - 4/16/2020, $62.00

ISO/IEC 23000-21/DAmd1, Information technology - Multimedia application format (MPEG-A) - Part 21: Visual identity management application format - Amendment 1: Conformance and reference software - 4/24/2020, $33.00

ISO/IEC DIS 9594-1, Information technology - Open systems interconnection - Part 1: The Directory: Overview of concepts, models and services - 4/23/2020, $88.00

ISO/IEC DIS 9594-2, Information technology - Open systems interconnection - Part 2: The Directory: Models - 4/23/2020, $203.00

ISO/IEC DIS 9594-3, Information technology - Open systems interconnection - Part 3: The Directory: Abstract service definition - 4/23/2020, $175.00

ISO/IEC DIS 9594-4, Information technology - Open systems interconnection - Part 4: The Directory: Procedures for distributed operation - 4/23/2020, $175.00

ISO/IEC DIS 9594-5, Information technology - Open systems interconnection - Part 5: The Directory: Protocol specifications - 4/23/2020, $155.00

ISO/IEC DIS 9594-6, Information technology - Open systems interconnection - Part 6: The Directory: Selected attribute types - 4/23/2020, $175.00

ISO/IEC DIS 9594-7, Information technology - Open systems interconnection - Part 7: The Directory: Selected object classes - 4/23/2020, $98.00

ISO/IEC DIS 9594-8, Information technology - Open systems interconnection - Part 8: The Directory: Public-key and attribute certificate frameworks - 4/23/2020, $203.00

ISO/IEC DIS 9594-9, Information technology - Open systems interconnection - Part 9: The Directory: Replication - 4/23/2020, $107.00

ISO/IEC DIS 30145-2, Information technology - Smart City ICT reference framework - Part 2: Smart city knowledge management framework - 4/17/2020, $53.00

ISO/IEC DIS 23360-1-5, Linux Standard Base (LSB) - Part 1-5: Imaging specification - 3/9/2020, $155.00

IEC Standards

CABPUB/181/FDIS, ISO/IEC FDIS 17000: Conformity assessment - Vocabulary and general principles, 2020/3/27

2/1989/NP, PNW 2-1989: Rotating electrical machines - Part 30-3 Efficiency classes of high voltage AC motors (IE code), 2020/4/24

2/1988/CD, IEC TS 60034-25 ED4: Rotating electrical machines - Part 25: AC electrical machines used in power drive systems - Application guide, 2020/4/24

2/1987/FDIS, IEC 60034-3 ED7: Rotating electrical machines - Part 3: Specific requirements for synchronous generators driven by steam turbines or combustion gas turbines and for synchronous compensators, 2020/3/13

2/1979/CDV, IEC 60034-11 ED3: Rotating electrical machines - Part 11: Thermal protection, 2020/4/24

3/1441/CD, IEC 61666/AMD1 ED2: Amendment 1 - Industrial systems, installations and equipment and industrial products - Identification of terminals within a system, 2020/4/24

9/2580/CD, IEC 62590-3-1 ED1: Railway applications - Fixed installations - Electronic power converters - Part 3-1: AC traction applications - Electronic power compensators, 2020/4/24

10/1112/DTR, IEC TR 63025 ED1: Quantitative determination of methanol and ethanol in insulating liquids, 2020/3/27

22H/254/CDV, IEC 62040-3 ED3: Uninterruptible power systems (UPS) - Part 3: Method of specifying the performance and test requirements, 2020/4/24

32C/579/CD, IEC 60691 ED5: Thermal-links - Requirements and application guide, 2020/5/22

45A/1307/CD, IEC 63186 ED1: Nuclear power plants - Instrumentation and control systems important to safety - Criteria for seismic trip system, 2020/4/24

45A/1308/CD, IEC/IEEE 62582-2 ED2: Nuclear power plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods - Part 2: Indenter modulus, 2020/4/24

56/1884/CD, IEC 60300-3-10 ED2: Dependability management - Part 3-10: Application guide - Maintainability and maintenance, 2020/4/24

57/2171/CDV, IEC 62325-451-10 ED1: Framework for energy market communications - Part 451-10: Profiles for energy consumption data (“My Energy Data”), 2020/4/24

59/719/CDV, IEC 60704-1 ED4: Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 1: General requirements, 2020/4/24

62A/1379/CDV, IEC 63120 ED1: Refurbishment of medical electrical equipment, medical electrical systems and sub-assemblies and reuse of components as part of the extended life-cycle, 2020/4/24

62A/1384/CD, IEC 80001-5-1 ED1: Safety, security and effectiveness in the implementation and use of connected medical devices or connected health software - Part 5-1: Security - Activities in the product lifecycle, 2020/4/24

65/784/CDV, IEC 61010-2-202 ED2: Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2 -202: Particular requirements for electrically operated valve actuators, 2020/4/24

65A/952/CD, IEC 62682 ED2: Management of alarms systems for the process industries, 2020/4/24

68/651/NP, PNW 68-651: Permanent magnet (magnetically hard) materials - Method of measurement based upon the pulsed field magnetometry (PFM) technique, 2020/4/24

68/648/CDV, IEC 60404-8-5 ED2: Magnetic materials - Part 8-5: Specifications for individual materials - Electrical steel strip and sheet with specified mechanical properties and magnetic polarisation, 2020/4/24

86B/4267/FDIS, IEC 61977 ED4: Fibre optic interconnecting devices and passive components - Fibre optic fixed filters - Generic specification, 2020/3/13

86C/1648/FDIS, IEC 62343-3-3 ED2: Dynamic modules - Part 3-3: Performance specification templates - Wavelength selective switches, 2020/3/13

89/1497/CDV, IEC 60695-2-12 ED3: Fire hazard testing - Part 2-12: Glowing/hot-wire based test methods - Glow-wire flammability index (GWFI) test method for materials, 2020/4/24

91/1630/CDV, IEC 61760-3 ED2: Surface mounting technology - Part 3: Standard method for the specification of components for through hole reflow (THR) soldering, 2020/4/24

94/471/CD, IEC 61812-1 ED3: Time relays for industrial and residential use - Part 1: Requirements and tests, 2020/4/24

95/425/CD, IEC 60255-27 ED3: Measuring relays and protection equipment - Part 27: Product safety requirements, 2020/4/24

100/3389/NP, PNW 100-3389: Multimedia Systems and equipment for vehicle - Surround-view system, Part 4: Application for Camera Monitor Systems, 3/27/2020,

105/784/NP, PNW 105-784: Fuel Cell Technologies - Part 4-600: Fuel Cell Power Systems for unmanned aircraft systems - Performance test methods, 2020/3/27

119/300/DTR, IEC TR 62899-402-4 ED1: Printed electronics - Part 402 -4: Printability - Classification and measurement methods for morphology, 2020/3/27

124/94/NP, PNW 124-94 ED1: Future IEC 62303-403-1: Wearable electronic devices and technologies - Part 403-1: Devices and Systems - Patchable - Test methods for epidermal attached piezoelectric pressure sensors, 2020/4/24

Newly Published ISO & IEC Standards

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

ISO Standards

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 11136/Amd1:2020, Sensory analysis - Methodology - General guidance for conducting hedonic tests with consumers in a controlled area - Amendment 1, $19.00

ISO 23349:2020, Animal and vegetable fats and oils - Determination of sterols and stanols in foods and dietary supplements containing added phytosterols, $162.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO 23103:2020, Space link extension - Cross support transfer service - Specification framework, $232.00

ISO 23104:2020, Space link extension - Cross support transfer service - Monitored data service, $232.00

BUILDING CONSTRUCTION (TC 59)

ISO 20887:2020, Sustainability in buildings and civil engineering works - Design for disassembly and adaptability - Principles, requirements and guidance, $162.00

DENTISTRY (TC 106)

ISO 9997:2020, Dentistry - Cartridge syringes, $68.00

ENVIRONMENTAL MANAGEMENT (TC 207)

ISO 14006:2020, Environmental management systems - Guidelines for incorporating ecodesign, $162.00

FINE BUBBLE TECHNOLOGY (TC 281)

ISO 21910-1:2020, Fine bubble technology - Characterization of microbubbles - Part 1: Off-line evaluation of size index, $138.00

GUIDELINES ON CONSUMER WARRANTIES AND GUARANTEES (TC 303)

ISO 22059:2020, Guidelines on consumer warranties/guarantees, $68.00

INDUSTRIAL TRUCKS (TC 110)

ISO 6292:2020, Powered industrial trucks and tractors - Brake performance and component strength, $68.00

ISO 11525-1:2020, Rough-terrain trucks - Safe use requirements - Part 1: Variable-reach trucks, $103.00

ISO 11525-2:2020, Rough-terrain trucks - Safe use requirements - Part 2: Slewing variable-reach trucks, $103.00

ISO 22915-17:2020, Industrial trucks - Verification of stability - Part 17: Towing tractors, burden and personnel carriers, $45.00

JEWELLERY (TC 174)

ISO 22764:2020, Jewellery and precious metals - Fineness of solders used with precious metal jewellery alloys, $45.00

MACHINE TOOLS (TC 39)

ISO 3875:2020, Machine tools - Test conditions for external cylindrical centreless grinding machines - Testing of the accuracy, $138.00

ISO 10791-7:2020, Test conditions for machining centres - Part 7: Accuracy of finished test pieces, $185.00

MECHANICAL TESTING OF METALS (TC 164)

ISO 10113:2020, Metallic materials - Sheet and strip - Determination of plastic strain ratio, $138.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO 13758/Amd1:2020, Liquefied petroleum gases - Assessment of the dryness of propane - Valve freeze method - Amendment 1, $19.00

ROAD VEHICLES (TC 22)

ISO 18868/Amd1:2020, Commercial road vehicles - Coupling equipment between vehicles in multiple vehicle combinations - Strength requirements - Amendment 1: Clarification for calculation for V-value for combinations including a centre axel trailer (CAT), $19.00

ISO 6621-5:2020, Internal combustion engines - Piston rings - Part 5: Quality requirements, $103.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 3865:2020, Rubber, vulcanized or thermoplastic - Methods of test for staining in contact with organic material, $68.00

ISO 17257:2020, Rubber - Identification of polymers - Pyrolytic gas-chromatographic method using mass-spectrometric detection, $103.00

SCREW THREADS (TC 1)

ISO 68-1/Amd1:2020, ISO general purpose screw threads - Basic profile - Part 1: Metric screw threads - Amendment 1, $19.00

ISO 68-2/Amd1:2020, ISO general purpose screw threads - Basic profile - Part 2: Inch screw threads - Amendment 1: The dimensions of basic profile, $19.00

ISO 1501/Amd1:2020, ISO general purpose screw threads - Basic profile - Part 2: Inch screw threads, $19.00

ISO 2904:2020, ISO metric trapezoidal screw threads - Basic dimensions, $68.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO 23055:2020, Ships and marine technology - Design requirements for international ballast water transfer connection flange, $68.00

STEEL (TC 17)

ISO 4987:2020, Steel castings - Liquid penetrant testing, $162.00

SURFACE CHEMICAL ANALYSIS (TC 201)

ISO 21222:2020, Surface chemical analysis - Scanning probe microscopy - Procedure for the determination of elastic moduli for compliant materials using atomic force microscope and the two-point JKR method, $103.00

TABLEWARE, GIFTWARE, JEWELLERY AND LUMINARIES, MADE OF GLASS (TC 320)

ISO 24117:2020, Tableware, giftware, jewellery and luminaries, made of glass - Glass clarity - Classification and test method, $68.00

TEXTILES (TC 38)

ISO 2648:2020, Wool - Determination of fibre length distribution parameters - Capacitance method, $138.00

ISO 3071:2020, Textiles - Determination of pH of aqueous extract, $45.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO 14813-5:2020, Intelligent transport systems - Reference model architecture(s) for the ITS sector - Part 5: Requirements for architecture description in ITS standards, $138.00

ISO Technical Reports

EARTH-MOVING MACHINERY (TC 127)

ISO/TR 6750-2:2020, Earth-moving machinery - Operators manual - Part 2: List of references, $45.00

ISO Technical Specifications

COSMETICS (TC 217)

ISO/TS 22176:2020, Cosmetics - Analytical methods - Development of a global approach for validation of quantitative analytical methods, $185.00

EARTH-MOVING MACHINERY (TC 127)

ISO/TS 15143-3:2020, Earth-moving machinery and mobile road construction machinery - Worksite data exchange - Part 3: Telematics data, $209.00

GRAPHIC TECHNOLOGY (TC 130)

ISO/TS 23564:2020, Image technology colour management - Evaluating colour transform accuracy in ICC profiles, $45.00

NUCLEAR ENERGY (TC 85)

ISO/TS 23406:2020, Nuclear sector - Requirements for bodies providing audit and certification of quality management systems for organizations supplying products and services important to nuclear safety (ITNS), $103.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 11179-3/Amd1:2020, Information technology - Metadata registries (MDR) - Part 3: Registry metamodel and basic attributes - Amendment 1, $19.00

ISO/IEC 13818-1/Amd1:2020, Information technology - Generic coding of moving pictures and associated audio information - Part 1: System - Amendment 1: Carriage of JPEG XS in MPEG-2 TS, $19.00

ISO/IEC 21972:2020, Information technology - Upper level ontology for smart city indicators, $162.00

ISO/IEC 23003-5:2020, Information technology - MPEG audio technologies - Part 5: Uncompressed audio in MPEG-4 file format, $45.00

ISO/IEC 27050-3:2020, Information technology - Electronic discovery - Part 3: Code of practice for electronic discovery, $162.00

ISO/IEC 14496-14:2020, Information technology - Coding of audio-visual objects - Part 14: MP4 file format, $103.00

ISO/IEC 19823-10:2020, Information technology - Conformance test methods for security service crypto suites - Part 10: Crypto suite AES-128, $185.00

ISO/IEC TS 22424-1:2020, Digital publishing - EPUB3 preservation - Part 1: Principles, $138.00

ISO/IEC TS 22424-2:2020, Digital publishing - EPUB3 preservation - Part 2: Metadata requirements, $162.00

IEC Standards

IEC Technical Reports

POWER ELECTRONICS (TC 22)

IEC/TR 62544 Ed. 1.2 en:2020, High-voltage direct current (HVDC) systems - Application of active filters, $410.00

IEC/TR 62544 Amd.2 Ed. 1.0 en:2020, Amendment 2 - High-voltage direct current (HVDC) systems - Application of active filters, $12.00

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; Fax: (301) 926-1559; E-mail: usatbtep@nist.gov or notifyus@nist.gov.

Information Concerning

American National Standards

Call for Members

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

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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 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 a 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.

ANSI Accredited Standards Developers

Approval of Reaccreditation

ASC OP, Optics and Electro-Optical Instruments

The reaccreditation of the Accredited Standards Committee OP, Optics and Electro-Optical Instruments and its sponsor, the Optics and Electro-Optics Standards Council (OEOSC), an ANSI member and Accredited Standards Developer (ASD), has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on ASC OP-sponsored American National Standards, effective January 31, 2020. For additional information, please contact: Mr. Allen Krisiloff, Executive Director, Optics and Electro-Optics Standards Council, c/o Triptar Lens Company, 439 Monroe Avenue, Rochester, NY 14606; phone: 585.473.4470; e-mail: allen@oeosc.org.

AMC Institute (AMCI)

The reaccreditation of the AMC Institute (AMCI), an ANSI member and Accredited Standards Developer (ASD), has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on AMCI-sponsored American National Standards, effective February 5, 2020. For additional information, please contact: Ms. Erin Carter, Associate Executive Director, AMC Institute, 908 King Street, Suite 320, Alexandria, VA 22314; phone: 703.570.8954; e-mail: ecarter@amcinstitute.org.

Portable Lights American Trade Organization (PLATO)

ANSI's Executive Standards Council has approved the reaccreditation of the Portable Lights American Trade Organization (PLATO), an ANSI Member and Accredited Standards Developer, under its recently revised operating procedures for documenting consensus on PLATO-sponsored American National Standards, effective February 5, 2020. For additional information, please contact: Mr. David Delaquila, Acting Standards Secretary, Portable Lights American Trade Organization, 1760 Portal Drive NE, Warren, OH 44484; phone: 330.469.2727; e-mail: daviddelaquila@gmail.com.

U.S. Technical Advisory Groups

Approval of TAG Accreditation

U.S. TAG to ISO TC 321 – Transaction Assurance in E-Commerce

ANSI's Executive Standards Council (ExSC) has formally approved the accreditation of the U.S. Technical Advisory Group to ISO TC 321, Transaction Assurance in E-Commerce and the appointment of ASC X9, Inc. as TAG Administrator, effective February 5, 2020. The TAG will operate under the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities as contained in Annex A of the ANSI International Procedures. For additional information, please contact: Ms. Janet Busch, Program Manager, Accredited Standards Committee X9, Inc., 275 West Street, Suite 107, Annapolis, MD 21401; phone: 410.267.7707; e-mail: janet.busch@x9.org.

Information Concerning

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator
ISO/TC 295 – *Audit data services*

ANSI directly administers the U.S. TAG Administrator for ISO/TC 295 with the support of the Organization for the Advancement of Structured Information Standards (OASIS). OASIS has advised ANSI to relinquish its role as U.S. TAG Administrator for this committee.

ISO/TC 295 operates under the following scope:

Standardization in the field of audit data services covers the content specification as well as the collection, pre-processing, management and analysis techniques for the identification, communication, receipt, preparation and use of audit data.

Note:

- *1. Audit: an official examination of an entity's financial and financial related records in order to check that they are correct. (Source: Longman Dictionary of Contemporary English 4th Edition, modified company has been replaced by entity to cover government auditees and financial related records has been added.)*
- *2. The audit data includes data of different areas including public sector budget, financial report, nonfinancial enterprises, tax and social insurance, for the purpose of government audit, external independent audit, internal audit and other regulators.*

  Excluded:

- *1. Information system security audit covered by ISO/IEC/JTC 1.*
- *2. Security evaluation criteria and methodology, techniques and guidelines to address both security and privacy aspects covered by ISO/IEC/JTC 1/SC 27.*
- *3. Meta-data standards, E-business standards, database* language standards covered by ISO/IEC/JTC 1/SC 32.

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

Information Concerning

Meeting Notice

Meeting Notice and Call for Members for the New INCITS Technical Committee on Trustworthiness (US TAG to JTC 1/WG 13 – Trustworthiness)

Organizational Meeting – February 27, 2020

The organizational meeting of the INCITS/Trustworthiness will be held electronically via Zoom on February 27, 2020 (12:00 PM to 5:00 PM (Eastern) / 9:00 AM to 2:00 PM (Pacific)). The agenda, related documents and instructions for joining the Zoom meeting will be distributed on February 13 to organizational representatives that have requested membership on the new committee. RSVPs for the meeting should be submitted to Barbara Bennett (bbennett@itic.org) as soon as possible.

Background on Establishment of INCITS/Trustworthiness – At the January 15, 2020 INCITS Executive Board meeting, a new Technical Committee, INCITS/Trustworthiness, was established to serve as the US TAG to JTC 1/WG 13 on Trustworthiness - formed at the November 2019 ISO/IEC JTC 1 Plenary:

Given the horizontal nature of trustworthiness in JTC 1

1. JTC 1 establishes JTC 1/WG 13 on Trustworthiness.
2. JTC 1 assigns the approved work item ISO/IEC TS 24462, Ontology for ICT Trustworthiness Assessment, to WG 13.

Terms of Reference of the Working Group are:

- Complete, improve and maintain the inventory (JTC 1 N14500) including the heat map as a JTC 1 standing document reflecting the landscape of trustworthiness in JTC 1, other ISO and IEC Committees, and other SDOs
- Complete terminology and description of characteristics and determine what type of document should be created.
- Develop horizontal deliverables such as frameworks, taxonomy and ontology for ICT trustworthiness for guiding trustworthiness efforts throughout JTC 1 and upon which other deliverables can be developed (beginning with ISO/IEC TS 24462, Ontology for ICT Trustworthiness Assessment)

Excluded are domain specific trustworthiness deliverables, such as those within the scope of JTC 1 SCs.

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

The complete meeting notice and membership information can be found at https://standards.incits.org/apps/group_public/document.php?document_id=115725&wg_abbrev=eb.

Information Concerning

ANSI Accredited Standards Developers

Call for Members

AAMI

AAMI (www.aami.org) is actively seeking participation in the following standards development work that is getting underway and in the interest categories specified:

AAMI NS28:1988(R2015), *Intracranial Pressure Monitoring Devices*

The standard covers minimum labeling, safety, and performance requirements for ICPs, whether percutaneous, fully implantable, or noninvasive. It also covers test and calibration methods needed to establish compliance with the document.

The following components, which individually or in combination comprise ICP monitor assemblies, are covered when supplied by the manufacturer:

(1) percutaneous fluid-coupled devices, such as ventricular catheters, skull-fixated subarachnoid and subdural devices, subdural balloons and subdural catheters, and connecting tubing for percutaneous fluid-coupled devices;
(2) patient/device interfaces for remote-sensor, servomechanism-regulated devices, such as percutaneous optical, pneumatic, or electrical leads; remote transducers; internal pneumatic devices; and display modules;
(3) implantable electrical transducers with percutaneous leads (strain gauges), such as implantable, diaphragm-mounted, strain-gauge transducers and implantable, passive-resistance, circuit transducers (variable inductance and capacitance); and
(4) fully implantable devices, such as variable oscillators, passive-absorption devices, and interrogators, receivers, display modules, power sources, and pressure-balancing devices for the transducers in (3).

The group is in need of user members, which include clinicians who work with patients with ICPs or implantation surgeons, as well as industry members who manufacturer ICP devices.

To apply or obtain additional information, please contact Jennifer Moyer at jmoyer@aami.org.

Information Concerning

International Electrotechnical Commission (IEC)

USNC Participants Needed

USNC CAPCC e-Labeling Task Force

The mission of the CAPCC e-Labeling Task Force is to consider electronic labeling solution strategies for implementation and acceptance globally. The Task Force is currently focused on providing input on the work of ISO/IEC JTC 1 SG 31 WG 8: *Application of AIDC standards*. Future work of this group includes tracking of current and proposed e-labeling in markets around the world, tracking of various industry positions related to electronic labeling and development of a position paper, and engagement strategy for USNC members.

Individuals who are interested in participating in the CAPCC e-Labeling Task Force are invited to contact **Ade Gladstein at agladstein@ansi.org** as soon as possible.

Please see the scope for ISO/IEC JTC 1 SG 31 below:

Scope:

Standardization of data formats, data syntax, data structures, data encoding, and technologies for the process of automatic identification and data capture and of associated devices utilized in inter-industry applications and international business interchanges and for mobile applications.

American National Standards (ANS) – Where to find Procedures, Guidance, Interpretations and More…

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

- *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: www.ansi.org/PSAWebForms
- Information about standards Incorporated by Reference (IBR): www.ansi.org/ibr
- ANSI - Education and Training: www.standardslearn.org

If you have a question about the ANS process and cannot find the answer quickly, please send an email to 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/

BSR/ASHRAE/IES Addendum b
to ANSI/ASHRAE/IES Standard 90.1-2019

Public Review Draft

Proposed Addendum b to Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings

First Public Review (February 2020)
(Draft Shows Proposed Changes to Current Standard)

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

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

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

ASHRAE, 1791 Tullie Circle, NE, Atlanta GA 30329-2305

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

FOREWORD

Demand Controlled Ventilation (DCV) should be required when cost-effective for occupied spaces considering the required outside air for ventilation required based on number of people in the space, varying space sizes, use of energy recovery equipment, and climate zone. The current requirement has a threshold based only on space size and space occupancy. This proposal seeks to more effectively align DCV requirements with all those variables to produce a cost-effective solution.

The single threshold parameters are replaced by a table where the floor area threshold requirement is based on climate zone and occupant outside airflow rates per 1,000 sq. ft. determined through ASHRAE Standard 62.1. The requirements are grouped by ***occupant outside air flow component*** *ranges (cfm/1000 square feet) based on default parameters in 62.1. While the exact value for a particular space type varies, the three groups in the table generally correspond to (1) retail, break rooms, or bank lobbies, (2) classrooms or conference rooms, and (3) lecture halls, theatre or assembly.*

The exceptions were modified as follows: The exhaust air energy recovery exception was removed and replaced with higher floor area thresholds in the table. The exception for design outdoor airflow less than 750 cfm was removed, as this factor is accounted for in the cost effectiveness analysis.
Note that health care areas covered by Standard 170 would be exempt under Section 2.4 of Standard 90.1 that does not allow circumvention of safety, health, or environmental requirements; so, a specific exception for health care is not required here.

Cost Impact: The net effect of the proposal will increase the cost of construction. Since an economizer or motorized dampers are already required as part of the charging language of this section, the cost to add a sensor and wiring is expected to be $300 or less per unit. A present value allowance of $63 is added to the cost to allow for replacement of up to 50% of sensor elements halfway through the measure life. The square footage thresholds in the table result in cost effectiveness for a 15 year life control measure, based on being less than a discounted payback of 11.8 years.

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

Addendum b to 90.1-2019

Modify the standard as follows (IP Units)

6.4.3.8 Ventilation Controls for High-Occupancy Areas

Demand control ventilation (*DCV*) is required for *spaces* larger than ~~500 ft^2 and with a design occupancy for *ventilation* of 25 people per 1000 ft^2 of~~ the floor area shown in Table 6.4.3.8 based on an occupant outside airflow component in cfm per 1000 square feet and served by *systems* with one or more of the following:

a. Air economizer.

b. Automatic modulating control of outdoor air damper.

c. Design outdoor airflow greater than 3000 cfm.

Exceptions to 6.4.3.8

1. ~~*Systems* with exhaust air *energy* recovery complying with and where required by Section 6.5.6.1.~~

~~2.~~ Multiple-zone *systems* without *DDC* of individual zones communicating with a central *control* panel.

~~3. *Systems* with a design outdoor airflow less than 750 cfm.~~

2~~4~~. *Spaces* where >75% of the *space* design outdoor airflow is required for *makeup air* that is exhausted from the space or transfer air that is required for makeup air that is exhausted from other spaces.

3~~5~~. *Spaces* with one of the following occupancy categories as defined in ASHRAE Standard 62.1: correctional cells, daycare sickrooms, science labs, barbers, beauty and nail salons, and bowling alley seating.

Table 6.4.3.8 Demand Controlled Ventilation (DCV) Floor Area Thresholds

	Occupant outside air flow component (cfm/1000 square feet) [a]					
	100 to 199	200 to 399	≥400	100 to 199	200 to 399	≥400
Climate	Minimum space floor area in square feet where DCV is required					
Zone	Areas without exhaust air energy recovery			Areas with exhaust air energy recovery [b]		
7, 8	400	200	150	800	400	250
5A, 6A, 6B	600	250	150	1,400	900	400
0B,1B, 3A, 4A, 5B, 5C	800	400	250	2,000	1,000	500
2A, 2B, 4C	1,100	600	300	2,300	1,100	600
0A,1A, 3B, 4B	2,400	1,100	600	5,800	2,600	1,400
3C	7,000	3,000	1,700	12,000	6,000	3,000

[a] Occupant outside airflow component in cfm per 1000 square feet shall be calculated as the product of default occupant density and outdoor airflow rate per occupant (R_p) as shown in table 6.2.2.1 of ASHRAE Standard 62.1

[b] Where exhaust air energy recovery is required by ASHRAE Standard 90.1 Section 6.5.6.1.

Modify the standard as follows (SI Units)

6.4.3.9 Ventilation Controls for High-Occupancy Areas

Demand control ventilation (*DCV*) is required for *spaces* larger than ~~50 m^2 and with a design occupancy for *ventilation* of 25 people per 100 m^2 of~~ the floor area shown in Table 6.4.3.8 based on an occupant outside airflow component in L/s per 100 m^2 and served by *systems* with one or more of the following:

d. Air economizer.

e. Automatic modulating control of outdoor air damper.

f. Design outdoor airflow greater than 1500 L/s.

Exceptions to 6.4.3.8

1. ~~*Systems* with exhaust air *energy* recovery complying with and where required by Section 6.5.6.1.~~
2. ~~—~~Multiple-zone *systems* without *DDC* of individual zones communicating with a central *control* panel.
3. ~~*Systems* with a design outdoor airflow less than 375 L/s.~~
2~~4~~. *Spaces* where >75% of the *space* design outdoor airflow is required for *makeup air* that is exhausted from the space or transfer air that is required for makeup air that is exhausted from other spaces.
3~~5~~. *Spaces* with one of the following occupancy categories as defined in ASHRAE Standard 62.1: correctional cells, daycare sickrooms, science labs, barbers, beauty and nail salons, and bowling alley seating.

Table 6.4.3.8 Demand Controlled Ventilation (DCV) Floor Area Thresholds

	Occupant outside air flow component ((L/s)/100 square meters) [a]					
	50 to 99	100 to 199	≥200	50 to 99	100 to 199	≥200
Climate	Minimum space floor area in square meters where DCV is required					
Zone	Areas without exhaust air energy recovery			Areas with exhaust air energy recovery [b]		
7, 8	40	20	15	80	40	25
5A, 6A, 6B	60	25	15	140	90	40
0B,1B, 3A, 4A, 5B, 5C	80	40	25	200	100	50
2A, 2B, 4C	110	60	30	230	110	60
0A,1A, 3B, 4B	240	110	60	580	260	140
3C	700	300	170	1,200	600	300

[a] Occupant outside airflow component in L/s per 100 square meters shall be calculated as the product of default occupant density and outdoor airflow rate per occupant (R_p) as shown in table 6.2.2.1 of ASHRAE Standard 62.1
[b] Where exhaust air energy recovery is required by ASHRAE Standard 90.1 Section 6.5.6.1.

BSR/ASHRAE/IES Addendum cr
to ANSI/ASHRAE/IES Standard 90.1-2019

Second Public Review Draft

Proposed Addendum cr to Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings

Second Public Review (February 2020)
(Draft Shows Proposed Independent Substantive Changes to Previous Public Review Draft)

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FOREWORD

This second public review draft of Addendum cr modifies the original addendum to that it only applies to new buildings.

Currently, Section 11 and Appendix G allow unlimited trade-offs between building envelope and other building systems. Studies such as “Preserving Envelope Efficiency in Performance Based Code Compliance” (PNNL-24359, BA Thornton, GP Sullivan, MI Rosenberg, MC Baechler) and “Can High-Performance Equipment Lead to a Low-Performance Building?” (D Jonlin, B Thornton, M Rosenberg) have concluded that weaker building envelopes can permanently limit building energy performance even as lighting and HVAC components are upgraded over time, because retrofitting the envelope is less likely and more expensive. This issue has been raised by states and jurisdictions around the country. A language to limit the envelope tradeoffs on projects following performance path of compliance, aka the envelope backstop, will be included in the New York City and Washington State energy codes among others.

The proposed addendum builds on this prior work, striving to preserve design flexibility and minimize documentation effort while improving the long-term building performance. Projects can comply with the proposed envelope backstop by either meeting the prescriptive envelope requirements in Section 5.5 or using Section 5.6 “Building Envelope Trade-Off Option” to demonstrate that the energy cost penalty from the proposed below-code envelope does not exceed the set margins. The backstop margins (15% for residential building area types and 7% for nonresidential building area types) were tested on projects in climate zones 2A, 4A and 6A, building types including multifamily, hotel, office, school/university and stand-alone retail, light weight and mass wall construction, with high and low window area. Examples of tested projects and the backstop compliance outcomes are shown in the table below.

Building Type	CZ	Wall Construction	WWR	Wall U-value	Window U-value	SHGC	Pass Backstop?
Multifamily	2A/4A/6A	steel frame	20%	0.124	0.65	0.68	No
Multifamily	2A/4A	mass	20%	0.189	0.65	0.68	Yes
Office	2A/4A/6A	steel frame	20%	0.124	0.65/0.45/0.45	0.68	Yes
Multifamily, N/S long axis	2A/4A/6A	steel frame	70%	0.064/0.64/0.049	0.54/0.38/0.36	0.25/0.36/0.4	Yes
Multifamily, E/W long axis	2A/4A/6A	steel frame	70%	0.064/0.64/0.049	0.54/0.38/0.36	0.25/0.36/0.4	No
Office, N/S long axis	2A/4A/6A	steel frame	70%	0.084/0.64/0.049	0.54/0.38/0.36	0.25/0.36/0.4	Yes
Office, E/W long axis	2A/4A/6A	steel frame	70%	0.084/0.64/0.049	0.54/0.38/0.36	0.25/0.36/0.4	No

It is expected that most projects following the Building Envelope Trade-Off Option will use ComCheck to document compliance with the envelope backstop, with the scope of required inputs limited to description of the proposed envelope. This CMP limits the scope of the addendum to new construction projects, in response to a

public comment received during the first public review.

This addendum impacts an optional performance path in the standard designed to provide increased flexibility and therefore was not subjected to cost effectiveness analysis.

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

Addendum cr to 90.1-2019

Revise the Standard as follows (IP Units)

11.2 Compliance

Compliance with Section 11 will be achieved if

…

d. For new *buildings*, ~~O~~one of the following is met*:*

…

G1.2.1 Performance Rating Calculation

This *performance rating method* requires conformance with the following provisions:

…

c. For new *buildings*, ~~O~~one of the following is met*:*

…

BSR/ASHRAE/IES Addendum c
to ANSI/ASHRAE/IES Standard 90.1-2019

Public Review Draft

Proposed Addendum c to Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings

First Public Review (February 2020)
(Draft Shows Proposed Changes to Current Standard)

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

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FOREWORD

Section 6.4.3.3 includes an exception for off-hour controls in small units. However, this negates the requirements in 6.4.3.3.1 for residential spaces that typically have small HVAC units. The controls for hotel and motel guest rooms have been shown to be cost effective and less costly and less complex controls for apartments will also be cost effective and are readily available. These programmable thermostats are required under residential energy codes for residential spaces in buildings three stories and lower. An exception is made here to allow them in other spaces.

Similar provisions to the simplified systems in 6.3.2 are adjusted to make them consistent with the description of unoccupied setback controls elsewhere in the standard.

A review of thermostats available in the market shows that going from one with no scheduling capability to one with weekday/weekend schedule capability adds between $0 and $13 per thermostat. So at 2 kW, the incremental cost is covered in all climate zones that require heating based on the 90.1 scalar cost effectiveness analysis.

This revision limits the exceptions to non-residential spaces and lowers the exception limit to 2 kW. It also allows a simplified schedule (two schedules per week) for units under 5 kW. Residential spaces are defined in 90.1 as:

residential: *spaces* in buildings used primarily for living and sleeping. *Residential spaces* include, but are not limited to, *dwelling units*, hotel/motel guest rooms, dormitories, nursing homes, patient rooms in hospitals, lodging houses, fraternity/sorority houses, hostels, prisons, and fire stations.

dwelling unit: a single unit providing complete independent living facilities for one or more persons, including permanent provisions for living, sleeping, eating, cooking, and sanitation.

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Addendum c to 90.1-2019

(IP and SI Units)

Revise Sections 6.3.2 and 6.4.3.3 of the Standard as follows:

6.3.2 Criteria

The *HVAC system* must meet all of the following criteria:

. . .

j. *Systems* serving *spaces* other than ~~hotel/motel guest rooms~~*residential spaces*, ~~and other than those~~ that do not require ~~ing~~ continuous operation~~, which have both~~ with a cooling or heating capacity greater than ~~15,000~~ 7,000 Btu/h (2.1 kW) ~~and a supply fan motor power greater than 0.75 hp, shall be provided with a time clock that (1) can start and stop the *system* under different schedules for seven different day types per week, (2) is capable of retaining programming and time setting during a loss of power for a period of at least ten hours, (3) includes an accessible *manual* override that allows temporary operation of the *system* for up to two hours, (4) is capable of and configured with temperature *setback* down to 55°F during off hours, and (5) is capable of capable of and configured with temperature setup to 90°F during off hours.~~ shall comply with Section 6.4.3.3.1 and 6.4.3.3.2.

k. *Systems* serving *residential spaces* other than hotel/motel guest rooms shall comply with Section 6.4.3.3.1 and 6.4.3.3.2 except for electric resistance heaters rated at 1.5 kW or less with a *readily accessible manual control* that lowers the setpoint or turns the unit off.

l. *Systems* serving hotel/motel guest rooms shall comply with Section 6.4.3.3.5.

. . . [renumber following items] . . .

6.4.3.3 Off-Hour Controls

HVAC systems shall have the off-hour *controls* required by Sections 6.4.3.3.1 through 6.4.3.3.5.

Exceptions to 6.4.3.3

1. *HVAC systems* intended to operate continuously.

2. *HVAC systems* not serving *residential spaces* and having a design heating capacity and cooling capacity less than ~~15,000~~ 7,000 Btu/h (2.1 kW) that are equipped with a *readily accessible manual* on/off *control*~~s~~.

6.4.3.3.1 Automatic Shutdown

HVAC systems shall be equipped with at least one of the following:

a. *Controls* that can start and stop the *system* under different time schedules for seven different day types per week, are capable of retaining programming and time setting during loss of power for a period of at least ten hours, and include an accessible *manual* override or equivalent function that allows temporary operation of the *system* for up to two hours.

b. An *occupancy sensor* that is capable of shutting the *system* off when no occupant is sensed for a period of up to 30 minutes.

c. A manually operated timer capable of being adjusted to operate the *system* for up to two hours.

d. An interlock to a security *system* that shuts the *system* off when the security *system* is activated.

Exceptions to 6.4.3.3.1

1. Systems serving *Residential* occupancies with ~~may use~~ *controls* that can start and stop the *system* under at least two different time schedules per week.

2. Systems serving non-*residential* occupancies where heating or cooling capacity is less than 15,000 Btu/hour (4.4 kW) with controls that can start and stop the *system* under at least two different time schedules per week.

6.4.3.3.2 Setback Controls

Heating *systems* shall be equipped with *controls* capable of and configured to *automatically* restart and temporarily operate the *system* as required to maintain zone temperatures above an adjustable heating *set point* at least 10°F below the occupied heating *set point*. Cooling *systems* shall be equipped with *controls* capable of and configured to *automatically* restart and temporarily operate the *mechanical cooling system* as required to maintain zone temperatures below an adjustable cooling *set point* at least 5°F above the occupied cooling *set point* or to prevent high *space* humidity levels.

Exception to 6.4.3.3.2

Radiant heating systems capable of and configured with a *setback* heating *set point* at least 4°F below the occupied heating *set point*.

BSR/ASHRAE/IES Addendum da
to ANSI/ASHRAE/IES Standard 90.1-2019

Public Review Draft

Proposed Addendum da to Standard 90.1-2019, Energy Standard for Buildings Except Low-Rise Residential Buildings

Second Public Review (February 2020)
(Draft Shows Proposed Independent Substantive Changes to Previous Public Review Draft)

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FOREWORD

The changes are made in response to the public comments that were received during the first public review. This proposed addendum has no impact on cost effectiveness.

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

Addendum da to 90.1-2019

Revise the Standard as follows (IP Units)

G2.2 Simulation Program
The *simulation program* shall be a computer-based program for the analysis of *energy* consumption in *buildings*. For components that cannot be modeled by the *simulation program*, the exceptional calculation methods requirements in Section G2.5 shall be used.

Informative Note
~~The simulation program should implement the rules of Appendix G that controls simulation inputs and outputs be adopted for the purposes of easier use and simpler compliance.~~
For the purpose of easier use and consistent application, the *simulation program* should automatically implement the requirements of this Appendix to generate the baseline design and *proposed design* models based on the user model of the proposed design.

G2.2.3
The *simulation program* shall be capable of performing design load calculations to determine required HVAC *equipment* capacities and air and water flow rates in accordance with Section 6.4.2.1 for both the *proposed design* and *baseline building design*.

ASME B16.36-~~2015~~ 20XX

(Revision of ASME B16.36-~~2009~~) 2015

Proposed Revision of

Orifice Flanges

Draft Date 01/2020

the slot shall admit the nut so that there is no interference with the joining of the flanges when bolted together without orifice plate.

10.3 Tapped Hole

As an alternative to para. 10.2, a tapped hole may be provided and the hex nut omitted when agreed on between the purchaser and the manufacturer.

11 FLANGE DIMENSIONS

Dimensions are listed in Tables 1, 2, 3, 4, and 5 for metric, and Tables I-1, I-2, I-3, I-4, and I-5, and Mandatory Appendix II for U.S. Customary.

12 FLANGE THREADS

Threaded flanges shall have an American National Standard taper pipe thread conforming to ASME B1.20.1.

(a) The thread shall be concentric with the axis of the flange. Variations in alignment shall not exceed 5 mm/m (0.06 in./ft).

(b) The flanges are made with counterbores at the back of the flange and the threads shall be chamfered to the diameter of the counterbore at an angle of approximately 45 deg with the axis of the thread to afford easy entrance in making a joint. The counterbore and chamfer shall be concentric with the thread.

(c) In order to permit the pipe to be inserted to the face of the flange, the threads should have full root diameters through to the face of the flange, or shall have a counterbore at the face of the flange.

(d) The gaging notch of the working gage shall come flush with the bottom of the chamfer in all threaded flanges and shall be considered as being the intersection of the chamfer cone and the pitch cone of the thread. This depth of chamfer is approximately equal to one-half the pitch of the thread.

(e) The maximum allowable thread variation is one turn large or small from the gaging notch.

ADD NEW PARA:

For flanges that have a ring type joint facing, the flange thickness from back of the flange to the bottom of a ring joint groove shall be at least equal to the minimum flange thickness, t_f. This requirement is illustrated in Tables 2, 3, 4, 5, I-2, I-3, I-4, I-5 and II-1.

13 TOLERANCES

Tolerances on all dimensions shall be as shown in ASME B16.5 except for those shown below.

13.1 Pressure Tap Location

Tolerance on location of center of pressure tap hole[1] from flange face shall be

(a) ±0.5 mm (±0.02 in.) for flanges smaller than NPS 4

(b) ±0.8 mm (±0.03 in.) for flanges NPS 4 and larger

13.2 Bore Diameter

Bore diameter tolerance (welding neck flanges only) is ±0.5% of nominal value.

[1] See para. 9.2.

Tracking number 46i32r1 **Revision to NSF/ANSI 46-2018**
 Issue 32 Revision 1 (January 2020)

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

NSF/ANSI Standard
for Wastewater Technology –

Evaluation of components and devices used in wastewater treatment systems

•
•
•

11 Chlorination devices

•
•
•

11.6 Performance testing and evaluation

•
•
•

11.6.2.2.2 Chlorine disinfection device

Influent water shall be secondary treated residential wastewater meeting the following specifications:

CBOD5	≤ 25 mg/L
TSS	≤ 30 mg/L
fecal coliform	10^4 to 10^6 organisms / 100 mL
pH	6.0 to 9.0
temperature	6° to 30 °C (42° to 86 °F)
ammonia	≥ 2.0 mg/L and ≤ ~~4.0~~ 6.0 mg/L

•
•
•

Rationale: revise the language regarding influent ammonia levels after 2017 Wastewater Technology Joint Committee meeting presented a reevaluation of the required strict ammonia levels.

BSR/UL 330A, *Standard for Safety for Hose and Hose Assemblies for Use With Dispensing Devices Dispensing Gasoline and Gasoline/Ethanol Blends With Nominal Ethanol Concentrations Up To 85 Percent (E0 - E85)*

1. ~~1.~~ Revision to Immersion tests with respect to hose covers
2. Revision to Tensile strength and elongation tests with respect to hose covers

PROPOSAL

PERFORMANCE

24 Tensile Strength and Elongation Tests for Hose Components

24.1 General

24.1.2 For hose components subjected to occasional splashing of fuel, such as the hose cover, the tensile strength shall not be less than 1,000 psi (6,895 kPa), and the ultimate elongation shall not be less than 200 percent [from 1 to 3 inches (25.4 to 76.2 mm)].

28 Immersion Tests for Hose Components

28.1 Tensile strength and ultimate elongation

28.1.1 General

28.1.1.1 For non-metallic hose and hose assembly components subjected to frequent or continuous exposure to fuel, liquid or vapors, ~~including the cover,~~ the tensile strength and ultimate elongation of specimens that have been immersed in applicable test fluid from 11.2 at 23 ±2.0°C (73.4 ±3.6°F) for 1000 ±1/2 hours shall not be less than 60 percent of the corresponding properties of specimens that have not been immersed in the test liquid.

28.2 Volume change

28.2.1 General

28.2.1.1 For non-metallic hose and hose assembly components subjected to frequent or continuous exposure to fuel, liquid or vapors, ~~including the cover,~~ the volumetric swelling of specimens that have been immersed in the applicable test fluid as specified in 11.2 at 23 ±2.0°C (73.4 ±3.6°F) for 1000 ±1/2 hours shall not exceed 50 percent.

BSR/UL 746A, Standard for Safety for Polymeric Materials - Short Term Property Evaluations

1. **Inclusion of Glow-Wire Test (GWIT) into Section 9.9 for Polymer Variation Evaluation**

9.9.2 Table 9.1 indicates the properties that are to be considered leading indicators when evaluating polymer variations. Depending on the results of side-by-side testing based on the test program shown in Table 9.2, the following scenarios may be obtained:

a) *Comparable results:*

All ratings from the original formulation may be extended to the variation. The variation evaluated can be used with either the same or a new designation.

b) *Better results:*

All ratings from the original formulation may be extended to the variation. The variation evaluated can be only used under a new designation.

Exception: In cases where testing of a polymer variation shows better results, the material may retain the same designation and be assigned better ratings if both of the following conditions are met:

1) Full side by side testing of all critical properties is conducted in accordance with Program Code C of Table 9.2, and

2) None of the other tested properties are adversely affected.

c) *Not all results are comparable and there is no indication for Code D in Table 9.1:*

With the exception of relative thermal indices (RTI), no rating shall be extended to the variation unless determined through direct testing. The variation evaluated can be only used under a new designation.

d) *Not all results are comparable and there is an indication for Code D in Table 9.1:*

No rating shall be extended to the variation unless determined through direct testing. The variation evaluated can be only used under a new designation.

Results are considered comparable if:

1. The PLC ratings (for the applicable tests) are the same or the test result of the Polymer Variation is within ±10 % of the test result obtained for the original formulation.

2. The UL 94 flammability ratings are the same, and

3. The UL 746B RTI values based on LTTA testing, if applicable, comply with Section 19 of UL 746B for related materials.

Exception No. 1: Regarding Item 1, for Tensile/Flexural/Impact strength, the test result of the Polymer variation is within ±15% of the test result obtained for the original formulation. For Glow-Wire Ignition Temperature (GWIT), the test result of the Polymer variation is not more than 25°C (77°F) up to 900° C (1652°F) and not more than 30°C (86°F) between 900°C - 960°C (1652°F - 1760°F).

Exception No. 2: Regarding Item 2, for Glow-Wire Ignition Temperature (GWIT), the test result of the Polymer variation is not more than 25°C (77°F) up to 900° C (1652°F) and not more than 30°C (86°F) between 900°C - 960°C (1652°F - 1760°F).