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: November 25, 2018

NFSI (National Floor Safety Institute)

New Standard

BSR/NFSI B101.2-201x, Test Method for Determining the Impact on Wet Coefficients of Friction of Various Chemical or Physical Walkway Surface Cleaners and Treatments on Common Hard-Surface Flooring Materials (new standard)

This test method measures the change in Dynamic Coefficient of Friction (DCOF) and Static Coefficient of Friction (SCOF) as the result of applying a chemical floor-cleaning agent or treatment onto a hard walkway surface under wet conditions. This standard shall only be used in a laboratory or other controlled area and is not suited for in-situ use.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Laura Cooper, laurac@nfsi.org

NSF (NSF International)

Revision

BSR/NSF 342-201x (i10r1)), Sustainability assessment for wallcovering products (revision of ANSI/NSF 342-2014)

This sustainability standard establishes a consistent approach to the evaluation and determination of environmentally preferable and sustainable wallcovering manufacturing and distribution processes. The Standard includes relevant criteria across the product life cycle from raw material extraction through manufacturing, distribution, and end-of-life management. The scope of the standard includes the following wallcovering manufacturing processes:

- raw material inputs (fibers, resins, additives, colorants, and process chemicals);

- fabric or sheet formation;

- finishing treatments; and

- attachment systems.

The scope of the standard also includes the following wallcovering distribution processes:

- product distribution;

- recycling infrastructure support; and

- indoor air quality (IAQ).

As used in this Standard, “Wallcovering Manufacturing & Distribution” includes, but is not limited to textiles, vinyl, vinyl coated, alternative polymer, alternative polymer coated, textiles, paper and other natural fiber products. The Standard is applicable to products manufactured in one facility or multiple facilities, one country or multiple countries.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Kianda Franklin, (734) 827-3813, kfranklin@nsf.org

RESNET (Residential Energy Services Network, Inc.)

Addenda

BSR/RESNET/ICC 301-2014 Addendum F-201x, Normative Appendix A (addenda to ANSI/RESNET/ICC 301-2014)

Revise Standard ANSI/RESNET/ICC 301-2014 to add Normative Appendix A that provides inspection procedures and grading criteria for insulation installed in residential buildings.

Click here to view these changes in full

Comments are submitted via RESNET's online comment form. See the links from webpage: http://www.resnet/us/blog/resnet-consensus-standards/

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 347A-201x, Standard for Safety for Medium Voltage Power Conversion Equipment (revision of ANSI/UL 347A-2017)

(1) Power conversion equipment with low voltage input and medium voltage output.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Mitchell Gold, (847) 664-2850, mitchell.gold@ul.com

BSR/UL 405-201x, Standard for Safety for Fire Department Connection Devices (revision of ANSI/UL 405-2014)

(1) Stainless steel hardware addition.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Griff Edwards, (919) 549-0956, griff.edwards@ul.com

BSR/UL 498-201x, Standard for Safety for Attachment Plugs and Receptacles (revision of ANSI/UL 498-2018)

These requirements cover attachment plugs, receptacles, cord connectors, inlets, current taps provided with wiring terminals for flexible cord, and flatiron and appliance plugs - all intended for connection to a branch circuit for use in accordance with the National Electrical Code, ANSI/NFPA 70.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Megan Monsen, (847) 664-1292, megan.monsen@ul.com

BSR/UL 870-201X, Standard for Wireways, Auxiliary Gutters, and Associated Fittings (revision of ANSI/UL 870-2016)

(1) Clarification of knockout performance testing.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Joshua Johnson, (919) 549-1053, Joshua.Johnson@ul.com

BSR/UL 923-201x, Standard for Safety for Microwave Cooking Appliances (revision of ANSI/UL 923-2017b)

This proposal for UL 923 covers: (1) Safety of smart enabled microwave cooking appliances.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Amy Walker, (847) 664-2023, Amy.K.Walker@ul.com

BSR/UL 1254-201X, Standard for Pre-Engineered Dry Chemical Extinguishing System Units (revision of ANSI/UL 1254-2017)

UL proposes a recirculation of the UL 1254 proposal dated 7-13-18.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Nicolette Weeks, (919) 549-0973, Nicolette.A.Weeks@ul.com

BSR/UL 2017-201x, Standard for Safety for General-Purpose Signaling Devices and Systems (revision of ANSI/UL 2017-2016)

Proposals for the second edition of UL 2017 include: (a) Alternative means utilizing adhesives to provide mechanical securement of parts, and (b) Revision to require Leakage Current test only for cord-connected products.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Paul Lloret, (510) 319-4269, Paul.E.Lloret@ul.com

BSR/UL 2572-201x, Standard for Safety for Mass Notification Systems (revision of ANSI/UL 2572-2016a)

A proposal for the second edition of UL 2572 intends to include an alternative means utilizing adhesives to provide mechanical securement of parts.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Paul Lloret, (510) 319-4269, Paul.E.Lloret@ul.com

Comment Deadline: December 10, 2018

AAFS (American Academy of Forensic Sciences)

New Standard

BSR/ASB Std 011-201x, Scope of Expertise in Forensic Document Examination (new standard)

This standard describes the responsibilities of and general qualifications for forensic science practitioners engaged in the practice of forensic document examination. This document provides guidance to anyone encountering matters involving forensic document examination.

Single copy price: Free

Obtain an electronic copy from: http://www.asbstandardsboard.org/

Document will be provided electronically on AAFS Standards Board website free of charge.

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

BSR/ASB Std 044-201x, Standard for the Examination of Documents for Indentations (new standard)

This standard summarizes commonly accepted techniques, technologies, and procedures used by forensic document examiners for the examination of documents for indentations.

Single copy price: Free

Obtain an electronic copy from: http://www.asbstandardsboard.org/

Document will be provided electronically on AAFS Standards Board free of charge

Send comments (with copy to psa@ansi.org) to: asb@aafs.org. Document and comments template can be viewed on the AAFS Standards Board website at: http://www.asbstandardsboard.org/notice-of-standard-development-and-coordination//

BSR/ASB Std 045-201x, Standard for Stature Estimation from Human Remains (new standard)

Stature is one of several biological parameters that can be estimated from skeletal remains or radiographic images of skeletal remains. This standard describes methods for estimating stature from skeletal elements when disarticulation has occurred rendering measured cadaver length unreliable. The methods in this standard are intended to provide a mathematically based systematic manner of estimating stature and documenting the stature estimation process.

Single copy price: Free

Obtain an electronic copy from: http://www.asbstandardsboard.org/

Document will be provided electronically on AAFS Standards Board website free of charge

Send comments (with copy to psa@ansi.org) to: asb@aafs.org. Document and comments template can be viewed on the AAFS Standards Board website at: http://www.asbstandardsboard.org/notice-of-standard-development-and-coordination//

ASA (ASC S2) (Acoustical Society of America)

Reaffirmation

BSR/ASA S2.29-2003 (R201x), Guide for the Measurement and Evaluation of Vibration of Machine Shafts on Shipboard Machinery (reaffirmation of ANSI/ASA S2.29-2003 (R2013))

Contains procedures for the measurement and evaluation of the mechanical vibration of nonreciprocating machines, as measured on rotating shafts. It contains criteria for evaluating new machines and for vibration monitoring. This Standard is related to the various parts of the ISO 7919 series that provides guidelines for the evaluation of different types of machines. The type of machinery covered in this part is shipboard machinery.

Single copy price: $90.00

Obtain an electronic copy from: asastds@acousticalsociety.org

Order from: Caryn Mennigke, (631) 390-0215, asastds@acousticalsociety.org

Send comments (with copy to psa@ansi.org) to: asastds@acousticalsociety.org

ASA (ASC S3) (Acoustical Society of America)

Reaffirmation

BSR/ASA S3.1-1999 (R201x), Maximum Permissible Ambient Noise Levels for Audiometric Test Rooms (reaffirmation of ANSI/ASA S3.1-1999 (R2013))

Specifies maximum permissible ambient noise levels (MPANLs) allowed in an audiometric test room that produce negligible masking (less than or equal to 2 dB) of test signals presented at reference equivalent threshold levels specified in ANSI S3.6-1996, American National Standard Specification of Audiometers. The MPANLs are specified from 125 to 8000 Hz in octave and one-third octave band intervals for two audiometric testing conditions (ears covered and ears not covered) and for three test frequency ranges (125 to 8000 Hz, 250 to 8000 Hz, and 500 to 8000 Hz). The Standard is intended for use by all persons testing hearing and for distributors, installers, designers, and manufacturers of audiometric test rooms.

Single copy price: $100.00

Obtain an electronic copy from: asastds@acousticalsociety.org

Order from: Caryn Mennigke, (631) 390-0215, asastds@acousticalsociety.org

Send comments (with copy to psa@ansi.org) to: asastds@acousticalsociety.org

ASABE (American Society of Agricultural and Biological Engineers)

Reaffirmation

BSR/ASAE S375.2-1996 (R201x), Capacity Ratings and Unloading Dimensions for Cotton Harvester Baskets (reaffirmation of ANSI/ASAE S375.2-1996 (R2013))

The purpose of this Standard is to provide a uniform method of expressing the following information relative to cotton strippers and cotton pickers: Capacity of basket, Unloading height of basket, Lip height of raised basket, Unloading angle of basket, Maximum basket height, Working height, and Transport height.

Single copy price: $65.00

Obtain an electronic copy from: vangilder@asabe.org

Order from: Carla VanGilder, (269) 932-7015, vangilder@asabe.org

Send comments (with copy to psa@ansi.org) to: vangilder@asabe.org

BSR/ASAE S296.5 DEC2003 (R201X), General Terminology for Traction of Agricultural Traction and Transport Devices and Vehicles (reaffirmation and redesignation of ANSI/ASAE S296.5 DEC2003 (R2013))

This terminology is to assist in the standardized reporting of information on traction and transport devices and vehicles. When it is not possible for data to be reported using this terminology, it is recommended that new terms be clearly defined. Unless otherwise indicated, all definitions refer to individual traction or transport devices or vehicles operating on a horizontal surface.

Single copy price: $65.00

Obtain an electronic copy from: vangilder@asabe.org

Order from: Carla VanGilder, (269) 932-7015, vangilder@asabe.org

Send comments (with copy to psa@ansi.org) to: vangilder@asabe.org

ASSP (Safety) (American Society of Safety Professionals)

Withdrawal

ANSI/ASSE Z359.0-2012, Definitions and Nomenclature Used for Fall Protection and Fall Arrest (withdrawal of ANSI/ASSE Z359.0 -2012)

This standard establishes the definitions and nomenclature used for the Z359 Fall Protection Code.

Single copy price: Free

Obtain an electronic copy from: OMunteanu@ASSP.org

Send comments (with copy to psa@ansi.org) to: OMunteanu@ASSP.org

ASTM (ASTM International)

Revision

BSR/ASTM F2520-201x, Specification for Reach-in Refrigerators, Freezers, Combination Refrigerator/Freezers, and Thaw Cabinets (revision of ANSI/ASTM F2520-2005 (R2012))

http://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 copy to psa@ansi.org) to: Same

AWS (American Welding Society)

New Standard

BSR/AWS D20.1/D20.1M-201x, Specification for Fabrication of Metal Components using Additive Manufacturing (new standard)

This specification provides the general requirements for fabrication of metal component additive manufacturing. It provides contractual guidance for the interaction between the engineer and the contractor. It includes the design, qualification, fabrication, inspection acceptance of additively manufactured components. A commentary for the specification is included.

Single copy price: $105.00 (Non-Members)/$55.00 (AWS Members)

Obtain an electronic copy from: pportela@aws.org

Order from: Peter Portela, (800) 443-9353, pportela@aws.org

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

AWS (American Welding Society)

Revision

BSR/AWS C1.1M/C1.1-201x, Recommended Practices for Resistance Welding (revision of ANSI/AWS C1.1M/C1.1-2012)

This Recommended Practices is a collection of data and procedures that are intended to assist the user in setting up resistance welding equipment to produce resistance welded production parts. While the recommendations included are not expected to be final procedures for every production part or every welding machine, they serve as starting points from which a user can establish acceptable welding machine settings for specific production welding applications. In some cases, recommended machine data is not available. In these instances, some description of the process is given to assist the reader in determining if the process might be suitable for the application.

Single copy price: $54.00

Obtain an electronic copy from: mdiaz@aws.org

Send comments (with copy to psa@ansi.org) to: mdiaz@aws.org

AWWA (American Water Works Association)

Revision

BSR/AWWA C228-201x, Stainless-Steel Pipe Flange Joints for Water Service - Sizes 2 In. Through 72 In. (50 mm Through 1,800 mm) (revision of ANSI/AWWA C228-2014)

This standard describes stainless-steel ring-type slip-on flanges and blind flanges for use in conjunction with stainless-steel pipe used in facilities of waterworks service.

Single copy price: Free

Obtain an electronic copy from: ETSsupport@awwa.org

Order from: AWWA, Vicki David, (303) 347-3431, vdavid@awwa.org

Send comments (with copy to psa@ansi.org) to: Paul Olson, (303) 347-6178, polson@awwa.org; vdavid@awwa.org

BIFMA (Business and Institutional Furniture Manufacturers Association)

Revision

BSR/BIFMA X5.9-201X, Storage Units (revision of ANSI/BIFMA X5.9-2012)

This standard is intended to provide a common basis for evaluating the safety, durability, and structural performance of storage units.

Single copy price: Free

Obtain an electronic copy from: dpanning@bifma.org

Send comments (with copy to psa@ansi.org) to: dpanning@bifma.org

CEMA (Conveyer Equipment Manufacturers Association)

New Standard

BSR/CEMA Standard 407-201x, Motor Driven Live Roller Conveyors (new standard)

Seventh in the series pertaining of unit-handling conveyor standards. It establishes recommended minimum standards for use in design and application of unit-handling motor-driven live roller conveyors.

Single copy price: Free

Obtain an electronic copy from: phil@cemanet.org

Send comments (with copy to psa@ansi.org) to: phil@cemanet.org

ECIA (Electronic Components Industry Association)

Revision

BSR/EIA 364-29D-201x, Contact retention test procedure for electrical connectors (revision and redesignation of ANSI/EIA 364-29C -2006 (R2013))

This standard establishes a test method to impose axial forces on the connector contacts to determine the ability of the connector to withstand forces that tend to displace contacts from their proper location within the connector insert and resist contact pullout. These forces may be the result of:

- loads on wire connected to the contacts;
- forces required to restrict contact push-through during assembly of removable-type contacts into connector inserts; â€" forces produced by mating contacts during connector mating;
- dynamic forces produced by vibration and shock during normal use of the connectors; and
- forces relating to bundling strains on the wire.

Single copy price: $78.00

Obtain an electronic copy from: https://global.ihs.com/

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

Send comments (with copy to psa@ansi.org) to: Ed Mikoski. emikoski@ecianow.org

IIAR (International Institute of Ammonia Refrigeration)

Revision

BSR/IIAR 5-201x, Startup of Closed-Circuit Ammonia Refrigeration Systems (revision of ANSI/IIAR 5-2013)

This standard specifies minimum requirements for the startup of closed-circuit ammonia refrigeration systems.

Single copy price: Free until the public review period is over

Obtain an electronic copy from: tony_lundell@iiar.org

Order from: Tony Lundell, (703) 312-4200, tony_lundell@iiar.org

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

NEMA (ASC C119) (National Electrical Manufacturers Association)

Revision

BSR/NEMA CC 1-201x, Electric Power Connection for Substations (revision of ANSI/NEMA CC 1-2009)

This standard covers uninsulated connectors and bus supports that are made of metal and intended for use with conductors or bus made of copper or aluminum alloy and found in substations. Connectors that are supplied in equipment are covered by the equipment standards and are excluded from this standard.

Single copy price: $137.00

Obtain an electronic copy from: pau_orr@nema.org

Order from: Paul Orr, (703) 841-3227, Pau_orr@nema.org

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

NSF (NSF International)

Revision

BSR/NSF 60-201x (i79r1), Drinking Water Treatment Chemicals - Health Effects (revision of ANSI/NSF 60-2017)

This Standard establishes minimum health effects requirements for the chemicals, the chemical contaminants, and the impurities that are directly added to drinking water from drinking-water treatment chemicals. This Standard does not establish performance or taste and odor requirements for drinking-water treatment chemicals.

Single copy price: Free

Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/45249/60i79r1%20-%20Removal%20of%20Annexes%20A%20&C%20-%20JC%20memo%20&%20ballot.pdf

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

BSR/NSF 61-201x (i141r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2017)

This Standard establishes minimum health effects requirements for the chemical contaminants and impurities that are indirectly imparted to drinking water from products, components, and materials used in drinking-water systems. This Standard does not establish performance, taste and odor, or microbial growth support requirements for drinking-water system products, components, or materials.

Single copy price: Free

Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/45267/61i141r1%20-%20Removal%20of%20Annexes%20A%20&%20D%20-%20JC%20memo%20&%20ballot.pdf

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

SCTE (Society of Cable Telecommunications Engineers)

Revision

BSR/SCTE 07-201x, Digital Transmission Standard for Cable Television (revision of ANSI/SCTE 07-2013)

This standard describes the framing structure, channel coding, and channel modulation for a digital multi-service television distribution system that is specific to a cable channel. The system can be used transparently with the distribution from a satellite channel, as many cable systems are fed directly from satellite links. The specification covers both 64 and 256 QAM. Most features of both modulation schemes are the same. Where there are differences, the specific details for each modulation scheme is covered.

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

BSR/SCTE 48-3-201x, Test Procedure for Measuring Shielding Effectiveness of Coaxial Cable and Connectors Using the GTEM Cell (revision of ANSI/SCTE 48-3-2017)

This document details the procedure for measuring the Shielding Effectiveness (S.E.) of coaxial cable and connectors using the Gigahertz Transverse ElectroMagnetic (GTEM) cell. More particularly, this procedure applies to measuring the S.E. of 75-Ohm braided coaxial drop cables and connectors presently used within the broadband communications industry. S.E. measurements can be performed with or without the affixing coaxial connectors removed from the measurement.

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

BSR/SCTE 104-201x, Automation System to Compression System Communications Applications Program Interface (API) (revision of ANSI/SCTE 104-2017)

This standard defines the Communications API between an Automation System and the associated Compression System that will insert SCTE 35 private sections into the outgoing Transport Stream. This standard serves as a companion to both SCTE 35 and SCTE 30.

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

BSR/SCTE 194-1-201x, DTS-HD Audio System - Part 1:Coding Constraints for Cable Television (revision of ANSI/SCTE 194-1-2010)

This document describes the coding constraints of the DTS-HD audio system and identifies the normative references that apply. The carriage of the streams described in this specification is defined in SCTE 194-2.

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

BSR/SCTE 194-2-201x, DTS-HD Audio System - Part 2: Constraints for Carriage over MPEG-2 Transport (revision of ANSI/SCTE 194-2-2014)

This document describes the carriage of DTS-HD audio in MPEG-2 systems. The descriptor necessary to signal DTS-HD audio is defined in this document. Multiplexing and transport for cable using MPEG-2 systems are defined in SCTE 54. Coding constraints for DTS-HD audio elementary streams are defined in SCTE 194-1.

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

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 12402-5-201X, Standard for Personal Flotation Devices - Part 5: Buoyancy Aids (Level 50) - Safety Requirements (national adoption of ISO 12402-5 with modifications and revision of ANSI/UL 12402-5-2015)

UL proposes a recirculation for the UL 12402-5 proposal dated 10-27-17 and 5-11-18.

Single copy price: Free

Obtain an electronic copy from: http://www.shopulstandards.com

Send comments (with copy to psa@ansi.org) to: Nicolette Weeks, (919) 549-0973, Nicolette.A.Weeks@ul.com

BSR/UL 60034-5-201x, Rotating Electrical Machines - Part 5: Degrees of Protection Provided by the Integral Design of Rotating Electrical Machines (IP Code) - Classification (identical national adoption of IEC 60034-5)

UL proposes the identical adoption of IEC 60034-5, which applies to the classification of degrees of protection provided by enclosures for rotating electrical machines. It defines the requirements for protective enclosures that are in all other respects suitable for their intended use and which, from the point of view of materials and workmanship, ensure that the properties dealt with in this standard are maintained under normal conditions of use.

Single copy price: Free

Obtain an electronic copy from: http://www.shopulstandards.com

Send comments (with copy to psa@ansi.org) to: Jonette Herman, (919) 549-1479, Jonette.A.Herman@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 858-201x, Standard for Household Electric Ranges (revision of ANSI/UL 858-2018)

(1) Update to surface element turn off; (2) Off marking and heat setting clarification.

Single copy price: Free

Obtain an electronic copy from: http://www.shopulstandards.com

Send comments (with copy to psa@ansi.org) to: Amy Walker, (847) 664-2023, Amy.K.Walker@ul.com

BSR/UL 982-201x, Standard for Safety for Motor-Operated Household Food Preparing Machines (revision of ANSI/UL 982-2017)

This proposal for UL 982 covers: (1) Input test; (2) Soup-making blenders.

Single copy price: Free

Obtain an electronic copy from: http://www.shopulstandards.com

Send comments (with copy to psa@ansi.org) to: Amy Walker, (847) 664-2023, Amy.K.Walker@ul.com

BSR/UL 120101-201X, Standard for Safety for Definitions and Information Pertaining to Electrical Equipment in Hazardous Locations (Proposal dated 10-26-18) (revision and redesignation of ANSI/ISA 12.01.01-2013)

Adoption of ANSI/ISA-12.12.01-2013 Edition of the Standard for Definitions and Information Pertaining to Electrical Equipment in Hazardous Locations, UL 120101, as an American National Standard. This document provides general guidance for safe design, installation, and maintenance of electrical equipment in hazardous (classified) locations using appropriate means to prevent ignition of flammable gases and vapors, flammable liquids, combustible dusts, or ignitable fibers or flyings.

Single copy price: Free

Obtain an electronic copy from: http://www.shopulstandards.com

Send comments (with copy to psa@ansi.org) to: Vickie Hinton, (919) 549-1851, Vickie.T.Hinton@ul.com

Projects Withdrawn from Consideration

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:

ABMA (ASC B3) (American Bearing Manufacturers Association)

BSR/ABMA 10-201x, Metal Balls (new standard)

Inquiries may be directed to James Converse, (919) 481-2852, jconverse1@nc.rr.com

ASTM (ASTM International)

BSR/ASTM WK60166-201x, New Specification for Poly(VinyliDene Fluoride) (PVDF) Pressure Pipe (new standard)

HL7 (Health Level Seven)

BSR/HL7 V3 CPPV3MODELS, R1-2012 (R201x), HL7 Version 3 Standard: Core Principles and Properties of Version 3 Models, Release 1 (reaffirmation of ANSI/HL7 V3 CPPV3MODELS, R1-2012)

ISEA (International Safety Equipment Association)

BSR/ISEA Z89.1-201x, Industrial Head Protection (revision of ANSI/ISEA Z89.1-2014)

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.

TIA (Telecommunications Industry Association)

ANSI/TIA 902.BAAD-A-2003 (R2013), Wideband Air Interface - Scalable Adaptive Modulation (SAM) Radio Channel Coding Specification - Public Safety Wideband Data Standards Project - Digital Radio Technical Standards

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

ANSI/TIA 902.BAAC-A-2007 (R2013), Wideband Air Interface Media Access Control/Radio Link Adaptation (MAC/RLA) Layer Specification

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

ANSI/TIA 902.BAAE-A-2007 (R2013), Wideband Air Interface Logical Link Control (LLC) Layer Specification

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

ANSI/TIA 902.BAAF-A-2007 (R2013), Wideband Air Interface Mobility Management (MM) Layer Specification Public Safety Wideband Data Standards Project Digital Radio Technical Standards

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

ANSI/TIA 902.BAEB-A-2007 (R2013), Wideband Air Interface Packet Data Specification Public Safety Wideband Data Standards Project Digital Radio Technical Standards

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

ANSI/TIA 902.BAAB-A-2008 (R2013), Scalable Adaptive Modulation (SAM) Physical Layer Specification - Public Safety Wideband Data Standards Project - Digital Radio Technology Standards

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

AARST (American Association of Radon Scientists and Technologists)

Office: 475 South Church Street, Suite 600
Hendersonville, NC 28792

Contact: *Gary Hodgden*

Phone: (202) 830-1110

E-mail: standards@aarst.org

BSR/AARST MAH-201x, Protocol for Conducting Measurements of Radon and Radon Decay Products in Homes (revision of ANSI/AARST MAH-2014)

BSR/AARST MAH-201x, Protocol for Conducting Measurements of Radon and Radon Decay Products in Homes (revision of ANSI/AARST MAH-2014)

ASA (ASC S2) (Acoustical Society of America)

Office: 1305 Walt Whitman Road
Suite 300
Melville, NY 11747

Contact: *Caryn Mennigke*

Phone: (631) 390-0215

E-mail: asastds@acousticalsociety.org

BSR/ASA S2.29-2003 (R201x), Guide for the Measurement and Evaluation of Vibration of Machine Shafts on Shipboard Machinery (reaffirmation of ANSI/ASA S2.29-2003 (R2013))

ASA (ASC S3) (Acoustical Society of America)

Office: 1305 Walt Whitman Road
Suite 300
Melville, NY 11747

Contact: *Caryn Mennigke*

Phone: (631) 390-0215

E-mail: asastds@acousticalsociety.org

BSR/ASA S3.1-1999 (R201x), Maximum Permissible Ambient Noise Levels for Audiometric Test Rooms (reaffirmation of ANSI/ASA S3.1 -1999 (R2013))

AWS (American Welding Society)

Office: 8669 NW 36 ST., #130
Miami, FL 33166

Contact: *Peter Portela*

Phone: (800) 443-9353

E-mail: pportela@aws.org

BSR/AWS D20.1/D20.1M-201x, Specification for Fabrication of Metal Components using Additive Manufacturing (new standard)

CSA (CSA Group)

Office: 8501 E. Pleasant Valley Road
Cleveland, OH 44131

Contact: *David Zimmerman*

Phone: (216) 524-4990

E-mail: david.zimmerman@csagroup.org

BSR/CSA T100-201x, Information and communication technology code for buildings (new standard)

CTA (Consumer Technology Association)

Office: 1919 South Eads Street
Arlington, VA 22202

Contact: *Veronica Lancaster*

Phone: (703) 907-7697

E-mail: vlancaster@cta.tech

BSR/CTA 2063-A-201x, Small Unmanned Aerial Systems Serial Numbers (revision and redesignation of ANSI/CTA 2063-2017)

ECIA (Electronic Components Industry Association)

Office: 2214 Rock Hill Road
Suite 265
Herndon, VA 20170-4212

Contact: *Laura Donohoe*

Phone: (571) 323-0294

E-mail: ldonohoe@ecianow.org

BSR/EIA 364-29D-201x, Contact retention test procedure for electrical connectors (revision and redesignation of ANSI/EIA 364-29C-2006 (R2013))

ISA (International Society of Automation)

Office: 67 Alexander Drive
Research Triangle Park, NC 27709

Contact: *Eliana Brazda*

Phone: (919) 990-9228

E-mail: ebrazda@isa.org

BSR/ISA 75.05.01-201x, Control Valve Terminology (revision of ANSI/ISA 75.05.01-2016)

BSR/ISA 75.10.01-201x, General Requirements for Clamp or Pinch Valves (revision of ANSI/ISA 75.10.01-2013)

BSR/ISA 75.10.02-201x, Installed Face-to-Face Dimensions for Dual Pinch Flanged Clamp or Pinch Valves (Classes 125 and 150) (revision of ANSI/ISA 75.10.02-2014)

NCMA (National Contract Management Association)

Office: 21740 Beaumeade Circle
Suite 125
Ashburn, VA 20147

Contact: *John Wilkinson*

Phone: (804) 896-6990

E-mail: jwilkinson@thinc-llc.com

BSR/ASD 1-201x, The Contract Management Standard (new standard)

NEMA (ASC C119) (National Electrical Manufacturers Association)

Office: 1300 North 17th Street
Suite 900
Rosslyn, VA 22209

Contact: *Paul Orr*

Phone: (703) 841-3227

E-mail: Pau_orr@nema.org

BSR/NEMA CC 1-201x, Electric Power Connection for Substations (revision of ANSI/NEMA CC 1-2009)

NEMA (ASC C78) (National Electrical Manufacturers Association)

Office: 1300 N 17th St
Rosslyn, VA 22209

Contact: *Michael Erbesfeld*

Phone: (703) 841-3262

E-mail: Michael.Erbesfeld@nema.org

BSR NEMA C78.43-201X, Electric Lamps - Single-Ended Metal Halide Lamps (revision of ANSI C78.43-2017)

NSF (NSF International)

Office: 789 N. Dixboro Road
Ann Arbor, MI 48105-9723

Contact: *Monica Leslie*

Phone: (734) 827-5643

E-mail: mleslie@nsf.org

BSR/NSF 60-201x (i79r1), Drinking Water Treatment Chemicals - Health Effects (revision of ANSI/NSF 60-2017)

BSR/NSF 61-201x (i141r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2017)

BSR/NSF 342-201x (i10r1)), Sustainability assessment for wallcovering products (revision of ANSI/NSF 342-2014)

NW&RA (ASC Z245) (National Waste & Recycling Association)

Office: 1550 Crystal Drive, Suite #804
Arlington, VA 22202

Contact: *Kirk Sander*

Phone: (202) 364-3750

E-mail: ksander@wasterecycling.org

BSR Z245-201x, Equipment Technology and Operations for Wastes and Recyclable Materials - Landfill Operations - Safety Requirements (new standard)

TIA (Telecommunications Industry Association)

Office: 1320 North Courthouse Road
Suite 200
Arlington, VA 22201

Contact: *Teesha Jenkins*

Phone: (703) 907-7706

E-mail: standards@tiaonline.org

BSR/TIA 607-D-201x, Generic Telecommunications Bonding and Grounding (Earthing) for Customer Premises (revision and redesignation of ANSI/TIA 607-C-2015)

UL (Underwriters Laboratories, Inc.)

Office: 333 Pfingsten Road
Northbrook, IL 60062

Contact: *Megan Monsen*

Phone: (847) 664-1292

E-mail: megan.monsen@ul.com

BSR/UL 498-201x, Standard for Safety for Attachment Plugs and Receptacles (revision of ANSI/UL 498-2018)

BSR/UL 2017-201x, Standard for Safety for General-Purpose Signaling Devices and Systems (revision of ANSI/UL 2017-2016)

BSR/UL 2572-201x, Standard for Safety for Mass Notification Systems (revision of ANSI/UL 2572-2016a)

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 Standard

ANSI/AAMI SW91-2018, Classification of Defects in Health Software (new standard): 10/22/2018

ABMA (ASC B3) (American Bearing Manufacturers Association)

Reaffirmation

ANSI/ABMA 19.1-2011 (R2018), Tapered Roller Bearings - Radial Metric Design (reaffirmation of ANSI/ABMA 19.1-2011): 10/18/2018

ALI (ASC A14) (American Ladder Institute)

Revision

* ANSI A14.4-2018, Job Made Ladders (revision of ANSI A14.4-2009): 10/18/2018

ANS (American Nuclear Society)

Reaffirmation

ANSI/ANS 6.1.2-2013 (R2018), Neutron and Gamma-Ray Cross Sections for Nuclear Radiation Protection Calculations for Nuclear Power Plants (reaffirmation of ANSI/ANS 6.1.2-2013): 10/19/2018

ANSI/ANS 41.5-2012 (R2018), Verification and Validation of Radiological Data for Use in Waste Management and Environmental Remediation (reaffirmation of ANSI/ANS 41.5-2012): 10/19/2018

ASABE (American Society of Agricultural and Biological Engineers)

New Standard

ANSI/ASABE S647-OCT2018, Seed Cotton Module Identification System (new standard): 10/22/2018

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

Addenda

ANSI/ASHRAE 15d-2018, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2016): 10/23/2018

ASTM (ASTM International)

Revision

ANSI/ASTM D2513-2018, Specification for Polyethylene (PE) Gas Pressure Pipe, Tubing, and Fittings (revision of ANSI/ASTM D2513 -2016): 10/16/2018

ANSI/ASTM D3681-2018, Test Method for Chemical Resistance of Fiberglass (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe in a Deflected Condition (revision of ANSI/ASTM D3681-2012): 10/9/2018

ANSI/ASTM D5365-2018, Test Method for Long-Term Ring-Bending Strain of Fiberglass (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe (revision of ANSI/ASTM D5365-2012): 10/9/2018

AWWA (American Water Works Association)

Revision

ANSI/AWWA B201-2018, Soda Ash (revision of ANSI/AWWA B201 -2013): 10/22/2018

ANSI/AWWA B304-2018, Liquid Oxygen for Ozone Generation for Water, Wastewater, and Reclaimed Water Systems (revision of ANSI/AWWA B304-2013): 10/22/2018

CSA (CSA Group)

New Standard

ANSI/CSA C450-2018, Photovoltaic (PV) module testing protocol for quality assurance programs (new standard): 10/18/2018

FM (FM Approvals)

New Standard

ANSI/FM 1035-2018, Nitrogen Generators (new standard): 10/18/2018

HL7 (Health Level Seven)

Reaffirmation

ANSI/HL7 V3 MFRI, R1-2006 (R2018), HL7 Version 3 Standard: Master File/Registry Infrastructure, R1 (reaffirmation of ANSI/HL7 V3 MFRI, R1-2006 (R2011)): 10/19/2018

IEST (Institute of Environmental Sciences and Technology)

New National Adoption

ANSI/IEST/ISO 14644-12-2018, Cleanrooms and associated controlled environments - Part 12: Specifications for monitoring air cleanliness by nanoscale particle concentration (identical national adoption of ISO 14644-12:2018): 10/18/2018

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

Reaffirmation

INCITS 451-2008 [R2018], Information technology - AT Attachments-8 ATA/ATAPI Architecture Model (ATA8-AAM) (reaffirmation of INCITS 451-2008): 10/18/2018

INCITS/ISO/IEC 9593-4:1991/AM 2:1998 [R2018], Information technology - Computer graphics - Programmers Hierarchical Interactive Graphics System (PHIGS) language bindings - Part 4: C - Amendment 2 (reaffirm a national adoption INCITS/ISO/IEC 9593 -4:1991 AM2:2008 [R2013]): 10/18/2018

INCITS/ISO/IEC 19777-1:2006 [R2018], Information technology - Computer graphics and image processing - Extensible 3D (X3D) language bindings - Part 1: ECMA Script (reaffirm a national adoption INCITS/ISO/IEC 19777-1:2006 [R2013]): 10/18/2018

INCITS/ISO/IEC 19777-2:2006 [R2018], Information technology - Computer graphics and image processing - Extensible 3D (X3D) language bindings - Part 2: Java (reaffirm a national adoption INCITS/ISO/IEC 19777-2:2006 [R2013]): 10/18/2018

NSF (NSF International)

New Standard

ANSI/NSF 600-2018 (i1r1), Health Effects Evaluation and Criteria for Chemicals in Drinking Water (new standard): 10/15/2018

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

Revision

ANSI/RESNA CA-1-2018, RESNA Standard for Cognitive Accessibility - Volume 1: Universal Criteria for Reporting the Cognitive Accessibility of Products and Technologies (revision of ANSI/RESNA CA-1-2016): 10/19/2018

SCTE (Society of Cable Telecommunications Engineers)

Revision

ANSI/SCTE 44-2018, Test Method for DC Loop Resistance (revision of ANSI/SCTE 44-2010): 10/18/2018

ANSI/SCTE 177-2018, Specification for Braided 75, Mini-Series Quad Shield Coaxial Cable for CMTS and SDI cables (revision of ANSI/SCTE 177-2012): 10/18/2018

UL (Underwriters Laboratories, Inc.)

New National Adoption

ANSI/UL 60079-11-2018, Standard for Safety for Explosive Atmospheres - Part 11: Equipment Protection by Intrinsic Safety (national adoption of IEC 60079-11 with modifications and revision of ANSI/UL 60079-11-2014): 9/14/2018

ANSI/UL 60079-29-2-2018, Standard for Safety for Explosive Atmospheres - Part 29-2: Gas Detectors - Selection, Installation, Use and Maintenance of Detectors for Flammable Gases and Oxygen (national adoption of IEC 60079-29-2 with modifications and revision of ANSI/ISA 60079-29-2 (12.13.02)-2012): 10/15/2018

ANSI/UL 60335-2-8-2018, Standard for Safety for Household and Similar Electrical Appliances, Part 2: Particular Requirements for Shavers, Hair Clippers, and Similar Appliances (national adoption of IEC 60335-2-8 with modifications and revision of ANSI/UL 60335 -2-8-2018): 10/3/2018

New Standard

ANSI/UL 2524-2018, Standard for In-Building 2-Way Emergency Radio Communication Enhancement Systems (new standard): 10/19/2018

Revision

ANSI/UL 790-2018, Standard for Safety for Standard Test Methods for Fire Tests of Roof Coverings (revision of ANSI/UL 790-2014): 10/19/2018

ANSI/UL 1203-2018b, Standard for Safety for Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations (revision of ANSI/UL 1203-2018): 10/16/2018

ANSI/UL 2127-2018, Standard for Safety for Inert Gas Clean Agent Extinguishing System Units (revision of ANSI/UL 2127-2017): 10/17/2018

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.

AGMA (American Gear Manufacturers Association)

Contact: Amir Aboutaleb, (703) 684-0211, tech@agma.org
1001 N Fairfax Street, 5th Floor, Alexandria, VA 22314-1587

Revision

BSR/AGMA 2002-DXX-201x, Tooth Thickness and Backlash Measurement of Cylindrical Involute Gearing (revision and redesignation of ANSI/AGMA 2002-C-2016)

Stakeholders: Manufacturers and users of cylindrical involute gears.

Project Need: Correct typos discovered other minor editorial issues.

This standard establishes the calculation procedures for determining specification limits for external and internal cylindrical involute gearing when the desired tooth thickness is known. This standard also shows the relationships between backlash and the tooth thickness, center distance, and tooth deviations in a pinion and gear mesh.

ALI (ASC A14) (American Ladder Institute)

Contact: Pam O'Brien, (312) 321-6806, info@americanladderinstitute.org
330 N. Wabash Avenue, Suite 2000, Chicago, IL 60611-6610

Revision

BSR A14.3-201x, Ladders - Fixed - Safety Requirements (revision of ANSI A14.3-2008 (R2018))

Stakeholders: Ladder manufacturers, users, contractors, trades people, work site safety managers.

Project Need: Based on the 5-year renewal cycle which incorporates updates and necessary changes.

This standard prescribes minimum requirements for the design, construction, and use of fixed ladders, and sets forth requirements for cages, wells, and ladder safety systems used with fixed ladders, in order to minimize personal injuries. All parts and appurtenances necessary for a safe and efficient ladder shall be considered integral parts of the design.

ASC X9 (Accredited Standards Committee X9, Incorporated)

Contact: Ambria Frazier, (410) 267-7707, Ambria.frazier@x9.org
275 West Street, Suite 107, Annapolis, MD 21401

Revision

BSR X9.100-20 Parts 1, 2 & 3-201x, Print & Test Specifications for Magnetic Ink Printing (revision of ANSI X9.100-20 Parts 1, 2 & 3 -2015)

Stakeholders: Stakeholders are entities who print and read MICR.

Project Need: To meet the ANSI 5-year review cycle, to correct and update as needed, remove obsolete information, and look for opportunities to improve usability.

Even with the maturity of the paper check and the decline in check usage, this Standard is still relevant to assure that MICR characters print correctly.

ASPE (American Society of Plumbing Engineers)

Contact: Gretchen Pienta, (847) 296-0002, gpienta@aspe.org
6400 Shafer Court, Suite 350, Rosemont, IL 60018

New Standard

BSR/ASPE 15-201x, Hot Water Temperature Control in Plumbing Systems (new standard)

Stakeholders: Plumbing system designers/engineers; manufacturers; code/regulatory officials; building owners.

Project Need: Although standards exist for products used in domestic water-distribution systems, a standard is needed that addresses the total system design to reduce the potential for hot-water scalding and related injuries as well as to reduce the risk of thermal shock.

This standard applies to system design methods used to regulate the temperature of the water exiting a fixture or appliance in a domestic water distribution systems. This standard is intended to reduce the potential for hot-water scalds and related injuries, as well as reduce the risk of thermal shock due to pressure disturbances within the domestic water-distribution system. It will fill a void that exists in current product standards by addressing the total system design from the point of entry, through the distribution system, and to the point of use.

CSA (CSA Group)

Contact: David Zimmerman, (216) 524-4990, david.zimmerman@csagroup.org
8501 E. Pleasant Valley Road, Cleveland, OH 44131

New Standard

BSR/CSA T100-201x, Information and communication technology code for buildings (new standard)

Stakeholders: Building equipment installers, building HVAC installers, building lighting installers, building communications installers, architects, building construction contractors, and manufacturers of equipment for smart building/intelligent building infrastructure.

Project Need: To establish the functionality, safety, physical security, cybersecurity, and privacy codes and standards for the design, installation, maintenance, and operation of digital networks within buildings to support the interconnection, integration, and interaction of devices within the building environment, as well as the connection of building networks with external networks

This code and associated standards will specify the requirements for information and communication technology infrastructure and equipment operating or intended to operate as communications and digital networks for buildings, structures, and premises, including factory-built relocatable and non-relocatable structures. Potential environments where this code will be applied are office buildings, industrial buildings, education buildings, health-care buildings, and specialty buildings such as museums, stadiums, government installations, and commercial buildings. Topics that will be addressed by the code include the physical network medium; enclosing pathway and enclosures; network topology, connectivity, quality and nature of the service; security and safety of the network and environment; and security and privacy of data on the network and environment.

CTA (Consumer Technology Association)

Contact: Veronica Lancaster, (703) 907-7697, vlancaster@cta.tech
1919 South Eads Street, Arlington, VA 22202

Revision

BSR/CTA 2063-A-201x, Small Unmanned Aerial Systems Serial Numbers (revision and redesignation of ANSI/CTA 2063-2017)

Stakeholders: Consumers, manufacturers, and retailers.

Project Need: To revise ANSI/CTA 2063.

To outline the elements and characteristics of a serial number to be used by small unmanned aerial systems.

HPS (ASC N13) (Health Physics Society)

Contact: Nancy Johnson, (703) 790-1745, nanjohns@verizon.net
1313 Dolley Madison Blvd #402, McLean, VA 22101

Revision

BSR N13.1-201x, Sampling and Monitoring Releases of Airborne Radioactive Substances from the Stacks and Ducts of Nuclear Facilities (revision of ANSI N13.1-2011)

Stakeholders: U.S. Department of Energy, Nuclear Regulatory Commission Licensees with potential air emissions of radionuclides.

Project Need: This revision will contain improved text and technology updates that will aid the implementation of the standard.

This standard sets forth guidelines and performance-based criteria for the design and use of systems for sampling the releases of airborne radioactive substances from the ducts and stacks of nuclear facilities.

ISA (International Society of Automation)

Contact: Eliana Brazda, (919) 990-9228, ebrazda@isa.org
67 Alexander Drive, Research Triangle Park, NC 27709

Revision

BSR/ISA 75.10.01-201x, General Requirements for Clamp or Pinch Valves (revision of ANSI/ISA 75.10.01-2013)

Stakeholders: Manufacturers, product users, testing laboratories.

Project Need: To establish requirements for clamp or pinch valves.

This document applies to valves, sizes 1 inch through 26 inches, of the clamp or pinch valve design, incorporating clamp or pinch elements.

BSR/ISA 75.10.02-201x, Installed Face-to-Face Dimensions for Dual Pinch Flanged Clamp or Pinch Valves (Classes 125 and 150) (revision of ANSI/ISA 75.10.02-2014)

Stakeholders: Manufacturers, product users, and testing laboratories.

Project Need: To aid users in piping design by providing installed face-to-face dimensions for control valves that incorporate clamp or pinch elements and have flanges that mate with ANSI B16.1 Class 125 and/or ANSI B16.5 Class 150 flanges.

This document applies to valves, sizes NPS ½ (DN 15) through NPS 26 (DN 650), of the clamp or pinch valve design incorporating clamp or pinch elements.

NCMA (National Contract Management Association)

Contact: John Wilkinson, (804) 896-6990, jwilkinson@thinc-llc.com
21740 Beaumeade Circle, Suite 125, Ashburn, VA 20147

New Standard

BSR/ASD 1-201x, The Contract Management Standard (new standard)

Stakeholders: Government and commercial buyers and sellers, academicians, regulatory authorities, and consultants

Project Need: ANSI accreditation of the CMS will 1) provide stability to contract management career field, 2) identify meaningful job tasks and competencies, and 3) provide a roadmap for targeted and relevant professional development. The rigorous ANSI accreditation process contributes to continuous improvement and provides a bridge between formal standards and individual competence.

The Contract Management Standard (CMS) reflects the combined knowledge of government and commercial buyers and sellers, as well as academicians, regulatory authorities, and consultants. The CMS is intended to be applied by contract managers using the judgment required to adapt to any unique circumstances of the reader. Consequently, the CMS provides guidance to the contract management profession without restricting technological advancement or freedom to operate. The CMS describes the nature of contract management in terms of the contract management processes created through the integration and interaction of job tasks and competencies, and the purposes they serve.

NEMA (ASC C78) (National Electrical Manufacturers Association)

Contact: Michael Erbesfeld, (703) 841-3262, Michael.Erbesfeld@nema.org
1300 N 17th St, Rosslyn, VA 22209

Revision

BSR NEMA C78.43-201X, Electric Lamps - Single-Ended Metal Halide Lamps (revision of ANSI C78.43-2017)

Stakeholders: Manufacturers, designers, testing labs, and end users.

Project Need: This project is needed to formally standardize the Lamp Code Designations (LCDs) C182_315W and C183_210W into the metal halide standard. ANSI C78.43. These lamps have been in the market for many years and therefore warrant standardization and inclusion into C78.43.

This standard sets forth the physical and electrical requirements for single-ended metal halide lamps operated on 60-Hz ballasts to ensure interchangeability and safety. The data given also provides the basis for the electrical requirements for ballasts and ignitors, as well as the lamp-related requirements for luminaires. This standard includes lamps whose arc tubes are made of quartz or ceramic materials. Luminous flux and lamp color are not part of this standard.

NW&RA (ASC Z245) (National Waste & Recycling Association)

Contact: Kirk Sander, (202) 364-3750, ksander@wasterecycling.org
1550 Crystal Drive, Suite #804, Arlington, VA 22202

New Standard

BSR Z245-201x, Equipment Technology and Operations for Wastes and Recyclable Materials - Landfill Operations - Safety Requirements (new standard)

Stakeholders: Landfill operators, Educators/consultants, Machine operators, Mobile equipment operators/drivers, Builders, Manufacturers of equipment, supplies and materials, Engineers, Regulators, Those involved in the construction and maintenance of landfill, Users of landfills, landfill owners, Environmental sector, safety professionals, trade and professional associations and institutes, standard writers with an interest in the scope, All other stakeholders not specified.

Project Need: There is no standard addressing the safe operations on the landfill. This standard provides requirements and guidelines where there are points of confusion. It give practicality to OSHA regulations and adds clarification to unique issues that occur at landfills. This standard does not differentiate between types of ownership, whether private or municipal.

This standard establishes safety requirements for the design, manufacture, construction, modification, maintenance and operation of Resource Conservation and Recovery Act (RCRA) Subtitle D (solid waste) landfills. Examples are municipal solid waste landfills, including bioreactor landfills, and industrial waste landfills, including construction and demolition (C&D) debris landfills and coal combustion residual (CCR) landfills. This standard does not cover RCRA Subtitle C landfills, which covers hazardous waste landfills and polychlorinated biphenyl (PCB) landfills. This standard does not address the engineering aspects and scope of ANSI/CSA 149.6.

SCTE (Society of Cable Telecommunications Engineers)

Contact: Kim Cooney, (800) 542-5040, kcooney@scte.org
140 Philips Rd, Exton, PA 19341

New Standard

BSR/SCTE 215-1-1-201x, HEVC Video Constraints for Cable Television - Part 1-1: HDR10 Coding (new standard)

Stakeholders: Cable Telecommunications industry.

Project Need: Create new standard.

This document defines the additional coding constraints on SCTE 215-1 HDR video streams using an HDR10 format.

TCIA (ASC A300) (Tree Care Industry Association)

Contact: Amy Tetreault, (603) 314-5380, atetreault@tcia.org
136 Harvey Rd # 101, Londonderry, NH 03053

Reaffirmation

BSR A300 Part 4-2014 (R201x), Tree Care Operations - Tree, Shrub, and Other Woody Plant Management Standards (Lightning Protection Systems) (reaffirmation of ANSI A300 Part 4-2014)

Stakeholders: Tree Care industry, Green industry, arborists, Land Care industry, landscape architects, property managers, utilities, urban planners, consumers, and government agencies.

Project Need: Revision needed to review and incorporate changes in industry standard practices, as appropriate, since the approval of the current standard.

A300 (Part 4) Lightning Protection Systems standards are performance standards that apply to the installation and maintenance of lightning protection systems in trees.

TIA (Telecommunications Industry Association)

Contact: Teesha Jenkins, (703) 907-7706, standards@tiaonline.org
1320 North Courthouse Road, Suite 200, Arlington, VA 22201

Revision

BSR/TIA 607-D-201x, Generic Telecommunications Bonding and Grounding (Earthing) for Customer Premises (revision and redesignation of ANSI/TIA 607-C-2015)

Stakeholders: Architects; installers; building owners; electrical inspectors; electrical contractors; telecommunications contractors; telecommunication designers; telecommunications consultants; engineers; MEP firms.

Project Need: Update standard.

This Standard specifies requirements for a generic telecommunications bonding and grounding infrastructure and its interconnection to electrical systems and telecommunications systems. This Standard may also be used as a guide for the renovation or retrofit of existing systems. Revision is needed to incorporate addendum, update references. and harmonize with addendum to ISO/IEC 30129.

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
4301 N. Fairfax Drive, Suite 301
Suite 301
Arlington, VA 22203-1633
Phone: (703) 647-2779
Web: www.aami.org

ABMA (ASC B3)
American Bearing Manufacturers Association
330 N. Wabash Avenue
Suite 2000
Chicago, IL 60611
Phone: (919) 481-2852
Web: www.americanbearings.org

AGMA
American Gear Manufacturers Association
1001 N Fairfax Street, 5th Floor
Alexandria, VA 22314-1587
Phone: (703) 684-0211
Web: www.agma.org

ALI (ASC A14)
American Ladder Institute
330 N. Wabash Avenue, Suite 2000
Chicago, IL 60611-6610
Phone: (312) 321-6806
Web: www.americanladderinstitute.org

ANS
American Nuclear Society
555 North Kensington Avenue
La Grange Park, IL 60526-5592
Phone: (708) 579-8269
Web: www.ans.org

ASA (ASC S2)
Acoustical Society of America
1305 Walt Whitman Road
Suite 300
Melville, NY 11747
Phone: (631) 390-0215
Web: www.acousticalsociety.org

ASA (ASC S3)
Acoustical Society of America
1305 Walt Whitman Road
Suite 300
Melville, NY 11747
Phone: (631) 390-0215
Web: www.acousticalsociety.org

ASABE
American Society of Agricultural and Biological Engineers
2950 Niles Road
Saint Joseph, MI 49085
Phone: (269) 932-7015
Web: www.asabe.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
Phone: (678) 539-1209
Web: www.ashrae.org

ASPE
American Society of Plumbing Engineers
6400 Shafer Court
Suite 350
Rosemont, IL 60018
Phone: (847) 296-0002
Web: www.aspe.org

ASSP (Safety)
American Society of Safety Professionals
520 N. Northwest Highway
Park Ridge, IL 60068
Phone: (847) 699-2929
Web: www.assp.org

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

AWS
American Welding Society
8669 NW 36 ST., #130
Miami, FL 33166
Phone: (800) 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

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

CEMA
Conveyer Equipment Manufacturers Association
5672 Strand Court
Suite 2
Naples, FL 34110
Phone: (239) 514-3441
Web: www.cemanet.org

CSA
CSA Group
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

ECIA
Electronic Components Industry Association
2214 Rock Hill Road
Suite 265
Herndon, VA 20170-4212
Phone: (571) 323-0294
Web: www.ecianow.org

FM
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062
Phone: (781) 255-4813
Web: www.fmglobal.com

HL7
Health Level Seven
3300 Washtenaw Avenue
Suite 227
Ann Arbor, MI 48104
Phone: (734) 677-7777
Web: www.hl7.org

HPS (ASC N13)
Health Physics Society
1313 Dolley Madison Blvd #402
McLean, VA 22101
Phone: (703) 790-1745
Web: www.hps.org

IEST
Institute of Environmental Sciences and Technology
1827 Walden Office Square
Suite 400
Schaumburg, IL 60173
Phone: (847) 981-0100
Web: www.iest.org

IIAR
International Institute of Ammonia Refrigeration
1001 North Fairfax Street
Alexandria, VA 22314
Phone: (703) 312-4200
Web: www.iiar.org

ISA (Organization)
International Society of Automation

67 Alexander Drive
Research Triangle Park, NC 27709
Phone: (919) 990-9228

Web: www.isa.org

ITI (INCITS)
InterNational Committee for Information Technology Standards

1101 K Street NW
Suite 610
Washington, DC 20005-3922
Phone: (202) 737-8888

Web: www.incits.org

NCMA
National Contract Management Association

21740 Beaumeade Circle
Suite 125
Ashburn, VA 20147
Phone: (804) 896-6990

Web: www.ncmahq.org

NEMA (ASC C12)
National Electrical Manufacturers Association

1300 North 17th Street
Suite 900
Rosslyn, VA 22209
Phone: (703) 841-3227

Web: www.nema.org

NEMA (ASC C78)
National Electrical Manufacturers Association

1300 N 17th St
Rosslyn, VA 22209
Phone: (703) 841-3262

Web: www.nema.org

NFSI
National Floor Safety Institute

P.O. Box 92607
Southlake, TX 76092
Phone: (817) 749-1700

Web: www.nfsi.org

NSF
NSF International

789 N. Dixboro Road
Ann Arbor, MI 48105-9723
Phone: (734) 827-3813

Web: www.nsf.org

NW&RA (ASC Z245)
National Waste & Recycling Association

1550 Crystal Drive, Suite #804
Arlington, VA 22202
Phone: (202) 364-3750

Web: www.wasterecycling.org

RESNA
Rehabilitation Engineering and Assistive Technology Society of North America

1560 Wilson Blvd.
Suite 850
Arlington, VA 22209-1903
Phone: (703) 524-6686

Web: www.resna.org

RESNET
Residential Energy Services Network, Inc.

4867 Patina Court
Oceanside, CA 92057
Phone: (760) 408-5860

Web: www.resnet.us.com

SCTE
Society of Cable Telecommunications Engineers

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

Web: www.scte.org

TCIA (ASC A300)
Tree Care Industry Association

136 Harvey Rd # 101
Londonderry, NH 03053
Phone: (603) 314-5380

Web: www.treecareindustry.org

TIA
Telecommunications Industry Association

1320 North Courthouse Road
Suite 200
Arlington, VA 22201
Phone: (703) 907-7706

Web: www.tiaonline.org

UL
Underwriters Laboratories, Inc.

12 Laboratory Dr.
Research Triangle Park, NC 27709
Phone: (919) 549-0973

Web: www.ul.com

AAMI has approved the following as a Provisional American National Standard:

- AAMI HIT1000-1 (PS), *Safety and effectiveness of health IT software and systems -- Part 1: Fundamental concepts, principles, and requirements*

This Provisional American National Standard was developed according to the procedures provided in Annex B of the ANSI Essential Requirements.

The AAMI Health IT Committee has developed this standard as the first of a series of standards addressing safety and effectiveness of health IT systems. The Committee invites those interested in participating in the development of the American National Standard to apply for membership at http://www.aami.org/Standards.

For more information about the Committee or upcoming meetings, contact Joe Lewelling at jlewelling@aami.org.

ISO & IEC Draft International Standards

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

Comments

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

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

Ordering Instructions

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

ISO Standards

BANKING AND RELATED FINANCIAL SERVICES (TC 68)

ISO/DIS 23644, Financial instrument global identifier (FIGI) - 11/9/2018, $112.00

BUILDING ENVIRONMENT DESIGN (TC 205)

ISO/DIS 19455-1, Planning for functional performance testing for building commissioning - Part 1: Secondary hydronic pump, system and associated controls - 1/11/2019, $71.00

CLINICAL LABORATORY TESTING AND IN VITRO DIAGNOSTIC TEST SYSTEMS (TC 212)

ISO/DIS 15190, Medical laboratories - Requirements for safety - 11/12/2008, $155.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO/DIS 13373-5, Condition monitoring and diagnostics of machines - Vibration condition monitoring - Part 5: Diagnostic techniques for fans and blowers - 1/5/2019, $71.00

NUCLEAR ENERGY (TC 85)

ISO/DIS 22946, Nuclear criticality safety - Solid waste (excluding irradiated and non-irradiated fuel) - 1/4/2019, $58.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO/DIS 8600-3, Endoscopes - Medical endoscopes and endotherapy devices - Part 3: Determination of field of view and direction of view of endoscopes with optics - 11/9/2018, $40.00

OTHER

ISO/DIS 20136, Leather - Determination of degradability by micro-organisms - 1/6/2019, $88.00

PAINTS AND VARNISHES (TC 35)

ISO/DIS 8504-2, Preparation of steel substrates before application of paints and related products - Surface preparation methods - Part 2: Abrasive blast-cleaning - 1/10/2019, $71.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO/DIS 13739, Petroleum products - Procedures for transfer of bunkers to vessels - 1/3/2019, $112.00

REFRIGERATION (TC 86)

ISO/DIS 916, Testing of refrigerating systems - 1/10/2019, $71.00

ROAD VEHICLES (TC 22)

ISO/DIS 23274-1, Hybrid-electric road vehicles - Exhaust emissions and fuel consumption measurements - Part 1: Non-externally chargeable vehicles - 1/3/2019, $82.00

SMALL CRAFT (TC 188)

ISO/DIS 10240, Small craft - Owners manual - 11/11/2018, $67.00

ISO/DIS 14945, Small craft - Builders plate - 11/10/2018, $46.00

ISO/DIS 14946, Small craft - Maximum load capacity - 11/10/2018, $33.00

STEEL (TC 17)

ISO/DIS 10679, Steel - Cast tool steel - 11/9/2018, $40.00

ISO/DIS 11971, Steel and iron castings - Visual testing of surface quality - 1/11/2019, $33.00

TEXTILES (TC 38)

ISO/DIS 3175-5, Textiles - Professional care, drycleaning and wetcleaning of fabrics and garments - Part 5: Procedure for testing performance when cleaning and finishing using dibutoxymethane - 1/5/2019, $40.00

ISO/DIS 20706-1, Textiles - Qualitative and quantitative analysis of some bast fibres (flax, hemp, ramie) and their blends - Part 1: Fibre identification using microscopy methods - 1/6/2019, $88.00

TRANSFUSION, INFUSION AND INJECTION EQUIPMENT FOR MEDICAL USE (TC 76)

ISO/DIS 28620, Medical devices - Non-electrically driven portable infusion devices - 11/12/2018, $62.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/DIS 19082, Intelligent transport systems - Definition of data elements and data frames between roadside modules and signal controllers for cooperative signal control - 11/12/2018, $82.00

ISO/DIS 21219-3, Intelligent transport systems - Traffic and travel information (TTI) via transport protocol experts group, generation 2 (TPEG2) - Part 3: UML to binary conversion rules (TPEG2-UBCR) - 1/6/2019, $82.00

ISO/DIS 21219-4, Intelligent transport systems - Traffic and travel information (TTI) via transport protocol experts group, generation 2 (TPEG2) - Part 4: UML to XML conversion rules - 1/6/2019, $107.00

ISO/DIS 21219-5, Intelligent transport systems - Traffic and travel information (TTI) via transport protocol experts group, generation 2 (TPEG2) - Part 5: Service framework (TPEG2-SFW) - 1/6/2019, $112.00

ISO/DIS 21219-6, Intelligent transport systems - Traffic and travel information(TTI) via transport protocol experts group, generation 2 (TPEG2) - Part 6: Message management container (TPEG2-MMC) - 1/6/2019, $88.00

ISO/DIS 21219-18, Intelligent transport systems - Traffic and travel information (TTI) via transport protocol experts group, generation 2 (TPEG2) - Part 18: Traffic flow and prediction application (TPEG2-TFP) - 1/6/2019, $125.00

VACUUM TECHNOLOGY (TC 112)

ISO/DIS 3529-1, Vacuum technology - Vocabulary - Part 1: General terms - 11/10/2018, $53.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO/DIS 15607, Specification and qualification of welding procedures for metallic materials - General rules - 11/11/2018, $58.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 23008-8/DAmd1, Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 8: Conformance specification for HEVC - Amendment 1: Conformance testing for Multiview Main and 3D Main Profiles of HEVC - 12/11/2024, $58.00

ISO/IEC DIS 30146, Information technology - Smart city ICT indicators - 11/11/2018, $82.00

ISO/IEC DIS 11179-7, Information technology - Metadata registries (MDR) - Part 7: Metamodel for data set registration - 1/5/2019, $112.00

ISO/IEC DIS 23092-2, Information technology - Genomic information representation - Part 2: Coding of genomic information - 11/11/2018, $175.00

ISO/IEC DIS 39794-1, Information technology - Extensible biometric data interchange formats - Part 1: Framework - 11/12/2018, $125.00

IEC Standards

2/1928/DC, Proposed revision of IEC TS 60034-27-2:2012 - “Rotating electrical machines - Part 27-2: On-line partial discharge measurements on the stator winding insulation of rotating electrical machines” for approval and comment, /2018/12/1

3D/320/DC, IEC Common Data Dictionary (IEC CDD): C00073 IEC 62683-1 ED1:2017, /2018/12/1

3D/319/DC, IEC Common Data Dictionary (IEC CDD): C00078 IEC 61987-92, /2018/12/1

17C/696/FDIS, IEC 62271-209 ED2: High-voltage switchgear and controlgear - Part 209: Cable connections for gas-insulated metal-enclosed switchgear for rated voltages above 52 kV - Fluid-filled and extruded insulation cables - Fluid-filled and dry-type cable-terminations, /2018/11/3

18/1643/FDIS, IEC/IEEE 80005-1 ED2: Utility connections in port - Part 1: High voltage shore connection (HVSC) systems - General requirements, /2018/11/3

32A/341/CDV, IEC 60282-1 ED8: High-voltage fuses - Part 1: Current-limiting fuses, 2019/1/11

40/2643/FDIS, IEC 60286-3 ED6: Packaging of components for automatic handling - Part 3: Packaging of surface mount components on continuous tapes, /2018/11/3

45B/918/CD, IEC 62484 ED2: Radiation protection instrumentation - Spectroscopy-based portal monitors used for the detection and identification of illicit trafficking of radioactive material, 2019/1/11

48B/2688/CDV, IEC 60512-11-1 ED2: Electromechanical components for electronic equipment - Basic testing procedures and measuring methods - Part 11: Climatic tests - Section 1: Test 11a - Climatic sequence, 2019/1/11

55/1715/CDV, IEC 60317-27-3 ED1: Specifications for particular types of winding wires - Part 27-3: Paper tape covered rectangular copper wire, 2019/1/11

62D/1635/NP, PNW 62D-1635: Medical electrical equipment - Part 2-xx: Particular requirements for the basic safety and essential performance of medical beds for children, 2019/1/11

65B/1139/DTR, IEC TR 62737 ED1: Calibration and Validation of Process Analysers, /2018/12/1

78/1239/CD, IEC 62819 ED1: Live working - Eye, face and head protectors against the effects of electric arc - Test methods and performance requirements, 2019/1/11

80/899/CDV, IEC 61097-16 ED1: Global Maritime Distress and Safety System (GMDSS) - Part 16: Ship earth stations operating in mobile-satellite systems recognized for use in the GMDSS - Operational and performance requirements, methods of testing and required test results, 2019/1/11

100/3165/DC, IEC 62637-1:2011 ED1 Battery charging interface for small handheld multimedia devices - Part 1: 2 mm barrel interface and IEC 62637-2:2011 ED1 Battery charging interface for small handheld multimedia devices - Part 2: 2 mm barrel type interface conformance testing, /2018/11/3

110/1047/FDIS, IEC 61747-30-5 ED1: Liquid crystal display devices - Part 30-5: Optical measuring methods of transmissive transparent LCD display modules, /2018/11/3

116/389/NP, PNW 116-389: Electric motor-operated tools - Dust measurement procedure - Part 2-6: Particular requirements for hand-held hammers, 2019/1/11

116/388/NP, PNW 116-388: Electric motor-operated tools - Dust measurement procedure - Part 1: General requirements, 2019/1/11

119/240/FDIS, IEC 62899-202-3 ED1: Printed electronics - Part 202-3: Materials - Conductive ink - Measurement of sheet resistance of conductive films - Contactless method, /2018/11/3

119/241/FDIS, IEC 62899-501-1 ED1: Printed Electronics - Quality assessment - Part 501-1: Failure modes and mechanical testing - Flexible and/or bendable primary or secondary cells, /2018/11/3

121A/256/DTR, IEC TR 63201 ED1: Low-voltage switchgear and controlgear - Guidance for the development of embedded software, /2018/12/1

121A/254/FDIS, IEC 60947-9-1 ED1: Low-voltage switchgear and controlgear - Part 9-1: Active arc-fault mitigation systems - Arc quenching devices, /2018/11/3

121A/255/FDIS, IEC 60947-7-4 ED2: Low-voltage switchgear and controlgear - Part 7-4: Ancillary equipment - PCB terminal blocks for copper conductors, /2018/11/3

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

CORK (TC 87)

ISO 1997:2018, Granulated cork and cork powder - Classification, properties and packing, $45.00

ISO 2030:2018, Granulated cork - Size analysis by mechanical sieving, $45.00

ISO 10106:2018, Cork stoppers - Determination of global migration, $45.00

DENTISTRY (TC 106)

ISO 7405:2018, Dentistry - Evaluation of biocompatibility of medical devices used in dentistry, $185.00

FLOOR COVERINGS (TC 219)

ISO 24343-2:2018, Resilient and laminate floor coverings - Determination of indentation and residual indentation - Part 2: Short-term indentation and residual indentation of resilient floor covering, $45.00

ISO 24343-3:2018, Resilient and laminate floor coverings - Determination of indentation and residual indentation - Part 3: Indentation of resilient semi-flexible/vinyl composition tiles, $45.00

HOROLOGY (TC 114)

ISO 6425:2018, Horology - Divers watches, $68.00

HYDROGEN ENERGY TECHNOLOGIES (TC 197)

ISO 19881:2018, Gaseous hydrogen - Land vehicle fuel containers, $209.00

INTERNAL COMBUSTION ENGINES (TC 70)

ISO 8528-5:2018, Reciprocating internal combustion engine driven alternating current generating sets - Part 5: Generating sets, $185.00

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

ISO 11961:2018, Petroleum and natural gas industries - Steel drill pipe, $232.00

ISO 17782:2018, Petroleum, petrochemical and natural gas industries - Scheme for conformity assessment of manufacturers of special materials, $209.00

ISO 20815:2018, Petroleum, petrochemical and natural gas industries - Production assurance and reliability management, $232.00

MICROBEAM ANALYSIS (TC 202)

ISO 20720:2018, Microbeam analysis - Methods of specimen preparation for analysis of general powders using WDS and EDS, $68.00

NATURAL GAS (TC 193)

ISO 20676:2018, Natural gas - Upstream area - Determination of hydrogen sulfide content by laser absorption spectroscopy, $103.00

ISO 6974-3:2018, Natural gas - Determination of composition and associated uncertainty by gas chromatography - Part 3: Precision and bias, $68.00

PLAIN BEARINGS (TC 123)

ISO 21433:2018, Plain bearings - Handling of plain bearings, $68.00

PLASTICS (TC 61)

ISO 20753:2018, Plastics - Test specimens, $103.00

RAILWAY APPLICATIONS (TC 269)

ISO 20138-1:2018, Railway applications - Calculation of braking performance (stopping, slowing and stationary braking) - Part 1: General algorithms utilizing mean value calculation, $209.00

ROAD VEHICLES (TC 22)

ISO 7612:2018, Diesel engines - Base-mounted in-line fuel injection pumps and high-pressure supply pumps for common rail fuel injection systems - Mounting dimensions, $68.00

ISO 12156-1:2018, Diesel fuel - Assessment of lubricity using the high-frequency reciprocating rig (HFRR) - Part 1: Test method, $103.00

ISO 13216-3:2018, Road vehicles - Anchorages in vehicles and attachments to anchorages for child restraint systems - Part 3: Classification of child restraint system and space in vehicle, $138.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 8332:2018, Rubber compounding ingredients - Sulfur - Methods of test, $138.00

SOIL QUALITY (TC 190)

ISO 18400-104:2018, Soil quality - Sampling - Part 104: Strategies, $232.00

ISO 18400-202:2018, Soil quality - Sampling - Part 202: Preliminary investigations, $162.00

ISO 18400-203:2018, Soil quality - Sampling - Part 203: Investigation of potentially contaminated sites, $162.00

ISO 18400-205:2018, Soil quality - Sampling - Part 205: Guidance on the procedure for investigation of natural, near-natural and cultivated sites, $103.00

ISO 18400-206:2018, Soil quality - Sampling - Part 206: Collection, handling and storage of soil under aerobic conditions for the assessment of microbiological processes, biomass and diversity in the laboratory, $68.00

SOLID MINERAL FUELS (TC 27)

ISO 13605:2018, Solid mineral fuels - Major and minor elements in coal ash and coke ash - Wavelength dispersive x-ray fluorescence spectrometric method, $103.00

STEEL (TC 17)

ISO 4945:2018, Steel - Determination of nitrogen - Spectrophotometric method, $103.00

STERILIZATION OF HEALTH CARE PRODUCTS (TC 198)

ISO 11135/Amd1:2018, Sterilization of health-care products - Ethylene oxide - Requirements for the development, validation and routine control of a sterilization process for medical devices - Amendment 1: Revision of Annex E, Single batch release, $19.00

ISO 25424:2018, Sterilization of health care products - Low temperature steam and formaldehyde - Requirements for development, validation and routine control of a sterilization process for medical devices, $185.00

TEXTILES (TC 38)

ISO 1833-6:2018, Textiles - Quantitative chemical analysis - Part 6: Mixtures of viscose, certain types of cupro, modal or lyocell with certain other fibres (method using formic acid and zinc chloride), $45.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO 7112:2018, Machinery for forestry - Portable brush-cutters and grass-trimmers - Vocabulary, $45.00

TRANSFUSION, INFUSION AND INJECTION EQUIPMENT FOR MEDICAL USE (TC 76)

ISO 13926-1:2018, Pen systems - Part 1: Glass cylinders for pen-injectors for medical use, $45.00

TYRES, RIMS AND VALVES (TC 31)

ISO 7867-1:2018, Metric series for agricultural, forestry machines and construction tyres - Part 1: Tyre designation, dimensions and marking, and tyre/rim coordination, $162.00

WATER QUALITY (TC 147)

ISO 21676:2018, Water quality - Determination of the dissolved fraction of selected active pharmaceutical ingredients, transformation products and other organic substances in water and treated waste water - Method using high performance liquid chromatography and mass spectrometric detection (HPLC-MS/MS or -HRMS) after direct injection, $162.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO 17640:2018, Non-destructive testing of welds - Ultrasonic testing - Techniques, testing levels, and assessment, $162.00

ISO 17279-2:2018, Welding - Micro joining of 2nd generation high temperature superconductors - Part 2: Qualification for welding and testing personnel, $138.00

ISO Technical Reports

RAILWAY APPLICATIONS (TC 269)

ISO/TR 22131:2018, Railway applications - Railway braking - Country specific applications for ISO 20138-1, $138.00

ISO Technical Specifications

GLASS IN BUILDING (TC 160)

ISO/TS 18178:2018, Glass in building - Laminated solar photovoltaic glass for use in buildings, $103.00

GRAPHIC TECHNOLOGY (TC 130)

ISO/TS 15311-2:2018, Graphic technology - Print quality requirements for printed matter - Part 2: Commercial print applications utilizing digital printing technologies, $138.00

NUCLEAR ENERGY (TC 85)

ISO/TS 11665-12:2018, Measurement of radioactivity in the environment - Air: radon-222 - Part 12: Determination of the diffusion coefficient in waterproof materials: membrane one-side activity concentration measurement method, $162.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 23000-19/Amd1:2018, Information technology - Multimedia application format (MPEG-A) - Part 19: Common media application format (CMAF) for segmented media - Amendment 1: SHVC media profile and additional audio media profiles, $19.00

ISO/IEC 24787:2018, Information technology - Identification cards - On-card biometric comparison, $162.00

ISO/IEC 23000-17:2018, Information technology - Multimedia application format (MPEG-A) - Part 17: Multiple sensorial media application format, $138.00

ISO/IEC 29167-21:2018, Information technology - Automatic identification and data capture techniques - Part 21: Crypto suite SIMON security services for air interface communications, $185.00

ISO/IEC/IEEE 8802-1AE/Amd3:2018, Information technology - Telecommunications and information exchange between systems - Local and metropolitan area networks - Part 1AE: Media access control (MAC) security - Amendment 3: Ethernet data encryption devices, $232.00

ISO/IEC TS 19608:2018, Guidance for developing security and privacy functional requirements based on ISO/IEC 15408, $185.00

IEC Standards

ELECTRIC WELDING (TC 26)

IEC 60974-14 Ed. 1.0 en:2018, Arc welding equipment - Part 14: Calibration, validation and consistency testing, $199.00

ELECTRICAL APPARATUS FOR EXPLOSIVE ATMOSPHERES (TC 31)

IEC 60079-11-V0 Ed. 6.0 b:2011, Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i", $387.00

ELECTROMECHANICAL COMPONENTS AND MECHANICAL STRUCTURES FOR ELECTRONIC EQUIPMENTS (TC 48)

IEC 60512-1 Ed. 5.0 b:2018, Connectors for electrical and electronic equipment - Tests and measurements - Part 1: Generic specification, $82.00

S+ IEC 60512-1 Ed. 5.0 en:2018 (Redline version), Connectors for electrical and electronic equipment - Tests and measurements - Part 1: Generic specification, $107.00

IEC/PAS 60512-27-200 Ed. 1.0 en:2018, Connecteurs for electrical and electronic equipment - Tests and measurements - Part 27-200: Additional specifications for signal integrity tests up to 2 000 MHz on IEC 60603-7 series connectors - Tests 27a to 27g, $375.00

ENVIRONMENTAL CONDITIONS, CLASSIFICATION AND METHODS OF TEST (TC 104)

IEC 60068-2-5 Ed. 3.0 b:2018, Environmental testing - Part 2-5: Tests - Test S: Simulated solar radiation at ground level and guidance for solar radiation testing and weathering, $164.00

FLUIDS FOR ELECTROTECHNICAL APPLICATIONS (TC 10)

IEC 60376 Ed. 3.0 b:2018, Specification of technical grade sulphur hexafluoride (SF₆) and complementary gases to be used in its mixtures for use in electrical equipment, $117.00

LAMPS AND RELATED EQUIPMENT (TC 34)

IEC 61167 Amd.1 Ed. 4.0 b:2018, Amendment 1 - Metal halide lamps - Performance specification, $12.00

IEC 61167 Ed. 4.1 b:2018, Metal halide lamps - Performance specification, $528.00

MEASURING EQUIPMENT FOR ELECTROMAGNETIC QUANTITIES (TC 85)

IEC 61557-12 Ed. 2.0 b:2018, Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC - Equipment for testing, measuring or monitoring of protective measures - Part 12: Power metering and monitoring devices (PMD), $375.00

S+ IEC 61557-12 Ed. 2.0 en:2018 (Redline version), Electrical safety in low voltage distribution systems up to 1 000 V AC and 1 500 V DC - Equipment for testing, measuring or monitoring of protective measures - Part 12: Power metering and monitoring devices (PMD), $488.00

IEC Technical Reports

LAMPS AND RELATED EQUIPMENT (TC 34)

IEC/TR 63139 Ed. 1.0 en:2018, Explanation of the mathematical addition of working voltages, insulation between circuits and use of PELV in TC 34 standards, $117.00

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

Application for Accreditation

Compressed Gas Association (CGA)

Comment Deadline: November 26, 2018

The Compressed Gas Association (CGA) has submitted an Application for Accreditation for a new proposed U.S. Technical Advisory Group (TAG) to ISO TC 158, Analysis of gases and a request for approval as TAG Administrator. The proposed TAG intends to operate using the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities as contained in Annex A of the ANSI International Procedures.

To obtain a copy of the TAG application or to offer comments, please contact: Ms. Jill Thompson, ISO Administrator, Compressed Gas Association, 14501 George Carter Way, Suite 103, Chantilly, VA 20151; phone: 703.788.2720; e-mail: jthompson@cganet.com (please copy jthompso@ansi.org). Please submit your comments by November 26, 2018.

U.S. Technical Advisory Groups

Notice of TAG Accreditation

U.S. TAG to ISO TC 164 – Mechanical Testing of Metals

The reaccreditation of the US TAG to ISO TC 164, Mechanical testing of metals, has been approved at the direction of the ANSI Executive Standards Council, under its recently revised operating procedures and with the ASTM continuing as TAG Administrator, effective October 19, 2018. For additional information, please contact: Mr. Earl A. Ruth, Chair, U.S. TAG to ISO/TC 164, Tinius Olsen, 1065 Easton Rd., Horsham, PA 19044; phone: 215.675.7100; e-mail: eruth@TiniusOlsen.com.

Information Concerning

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator
TC 123 – Plain Bearings

There is currently no ANSI-accredited U.S. TAG Administrator for TC 123, TC 123/SC 2, TC 123/SC 3, TC 123/SC 5, TC 123/SC 6, TC 123/SC 7, and TC 123/SC 8, and therefore ANSI is not a member of these committees. The Secretariats for these committees are currently held by Japan (JISC) for TC 123, TC 123/SC 6, TC 123/SC 7, and TC 123/SC 8; and Germany (DIN) for TC 123/SC 2, TC123/SC 3, and TC 123/SC 5.

TC 123 operates under the following scope:

Standardization of plain bearings on the following items :

- *classification, definitions and terminology;*
- *materials and characteristics;*
- *dimensions and tolerances;*
- *methods of tests and quality control, including methods of calculation.*

TC 123/SC 2 operates under the following scope:

Materials and lubricants, their properties, characteristics, test methods and testing conditions

TC 123/SC 3 operates under the following scope:

Dimensions, tolerances and construction details

TC 123/SC 5 operates under the following scope:

Quality analysis and assurance

TC 123/SC 6 operates under the following scope:

Terms and common items

TC 123/SC 7 operates under the following scope:

Special types of plain bearings

TC 123/SC 8 operates under the following scope:

Standardization of calculation methods and their applications for plain bearings including theories of hydrodynamic, thermo-hydrodynamic, elasto-hydrodynamic, and thermo-elasto-hydrodynamic lubrication, as well as theories of boundary lubrication and dry friction.

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

International Organization for Standardization (ISO)

Call for U.S. Participants

ISO Strategic Advisory Group – *Accessibility*

Response Deadline: November 9, 2018

Please be advised that the ISO Technical Management Board (ISO/TMB) has agreed to create a new ISO Strategic Advisory Group (SAG) on Accessibility for an initial period of 2 years with the following mandate:

- Align work on accessibility issues within IEC, ITU and ISO in line with the recommendations from 2010, to address, decide and monitor key issues related to accessibility;
- Map existing ISO standards related to accessibility;
- Map ongoing standardization work in ISO, IEC and ITU relating to accessibility;
- Take into account other relevant international initiatives;
- Develop recommendations on tools to assist the TC community in developing standards that take accessibility into consideration;
- Liaise with CEN and CLC to exchange best practices and study results from CEN Strategic advisory group on accessibility;
- Give recommendations to ISO on the development of new standards on accessibility.

ANSI is seeking two (2) U.S. experts to serve on the SAG as well as additional U.S expert to populate a U.S. Virtual Technical Advisory Group (VTAG). It is anticipated that this project will start in December 2018 or January 2019.

Experts interested in participating should contact ANSI's Arpana Patel by email at apatel@ansi.org by November 9.

BSR/NFSI B101.2-201x

Section 4: Dynamic Coefficient of Friction Test Procedure

This test procedure shouldall be conducted using any approved tribometer designed to measure the wet Dynamic Coefficient of Friction (DCOF) of a floor or walkway surface under normal anticipated use.

4.1 Testing Device

This test method shouldall be carried out using a tribometer that is fitted with the appropriate contact material (slider) that complies with the requirements to be NFSI approved. Only approved testing devices (tribometers) with published Repeatability and Reproducibility data are to be used under this test method. The tribometer manufacturer's operating and calibration directives shall be followed.

4.2 Measuring the Wet DCOF on a Reference Surface For Chemical Treatments

3. Wet the reference surface with distilled water. Follow the approved tribometer manufacturers operating instructions for performing wet DCOF testing.

4.3 Measuring the Wet DCOF on a Reference Surface For Chemical Floor Cleaning Agents

3. Wet the reference surface with distilled water. Follow the approved tribometer manufacturers operating instructions for performing wet DCOF testing.

Section 5: Static Coefficient of Friction Test Procedure

This test procedure shouldall be conducted using any approved tribometer designed to measure the wet Static Coefficient of Friction (SCOF) of a floor or walkway surface under normal anticipated use.

5.1 Testing Device

This test method should all be carried out using a tribometer that is fitted with the appropriate contact material (slider) that complies with the requirements to be NFSI approved. Only approved testing devices (tribometers) with published Repeatability and Reproducibility data are to be used under this test method. The tribometer manufacturer's operating and calibration directives shall be followed.

[Note – the changes are seen below using strikeout for removal of old text and gray highlights to show the suggested text. ONLY the highlighted text is within the scope of this ballot.]

NSF/ANSI Standard for 342 Sustainability Assessment for Wallcovering Products

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5.2.3 Health Product Declaration (HPD)

The manufacturer shall receive one point if it completes an INDUSTRY SPECIFIC Health Product Declaration (HPD) conducted in accordance with the requirements in Health Product Declaration Standard. The HPD shall be validated by an independent third party for the product undergoing assessment.

5.2.4 Environmental Product Declaration (EPD)

The manufacturer shall receive four points if it completes a PRODUCT SPECIFIC Environmental Product Declaration (EPD) in accordance with ISO 14025 following the requirements of a consensus-based Product Category Rule (PCR). The EPD shall be validated by an independent third party for the product undergoing assessment.

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5.3.2 Environmentally sustainable inputs – product

5.3.2.1 For the product undergoing assessment, the manufacturer shall declare the total quantity of environmentally sustainable inputs, specified on a percentage weight basis. "The manufacturer shall receive two points per 5.0% recycled content, bio-based resource content, and/or environmentally preferable content. The manufacturer shall receive 1 point for 5% of pre-consumer recycled content, bio-based resource content, and/or environmentally preferable content. ~~The manufacturer shall receive two points per 5.0% environmentally preferable content.~~ A maximum of ~~sixteen~~ eleven points shall be awarded for 5.3.2.1.

Recycled content quantity shall be calculated as follows:

- post-consumer recycled content shall be valued at 100% weight basis; and
- pre-consumer recycled content shall be valued at 50% weight basis.

Bio-based resource content shall be calculated as follows:

- bio-based resources sourced from operations operating in conformance with internationally recognized organic, sustainable agriculture, or sustainable forestry criteria shall be valued at 100% basis, and

- all other bio-based resources shall be valued at 50% weight basis.

Environmentally preferable content shall be calculated as follows:

- materials demonstrated to have a lower environmental footprint than a post-consumer material or sustainable/organic bio-based resource alternative shall be valued at 100% weight basis; and

- materials demonstrated to have a lower environmental footprint than a pre-consumer material or bio-based resource alternative shall be valued at 50% weight basis.

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7.2.1 Durability

The manufacturer shall receive eight points for providing documentation showing that the product performs at or above all of the following industry-recognized standards, or equivalent. The standards that are relevant to the specific product:

- ASTM F7935
- CCC-W-408D8
- W-10130
- Tensile Strength – ASTM D-5034
- Tear Strength – ASTM D-2261
- Abrasion Resistance – ASTM D-3884
- Colorfastness – AATCC-168

These test procedures can be performed in an internal or external laboratory that demonstrates a quality program with written test procedures including the performance of equipment calibration. The test results at the time of certification that show compliance will remain in place until there is a product or processing change that is significant enough to impact compliance to the standard's requirements. Any needed modification/improvement on the method shall be performed as described and validated within the method.

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Annex A
(normative)

Scoring System Sustainable product assessment – Wallcovering Mfg & Distribution

Criteria	Description	Max Mfg Points	Max Dist Points
Section 5	**Product Design**		
5.2.1	Environmental Considerations in Design	2	1
5.2.2	LCA or DfE Assessment	8	1
5.3.1	Inventory of material inputs	2	1
5.2.3	Health Product Declaration (HPD) or equivalent	1	N/A
5.2.4	Environment Product Declaration (EPD) or equivalent	4	N/A
5.3.2	Environmentally sustainable inputs – product	11 ~~16~~	2
5.3.3	Environmentally sustainable inputs – packaging	4	2
5.4.1	Identification of use of chemicals of concern	pre-requisite	N/A
5.4.2	Minimization of known chemicals of concern in product	8	N/A
5.4.3	Minimization of known chemicals of concern in attachment systems	2	N/A
5.4.4	Elimination of chemicals with upstream concerns	4	N/A
5.5.1	Supplier environmental disclosure	2	N/A

5.5.2	Supplier environmental performance disclosure	4	2
	Section Total	**52**	**9**

Criteria	Description	Max Mfg Points	Max Dist Points
Section 6	**Intelligent Product Manufacturing**		
6.2.1	Environmental Management System	2	1
6.2.2	Registered EMS system	2	1
6.2.3	Maintaining environmental attributes	2	N/A
6.3.1	Energy inventory	2	1
6.3.2	Reduction of environmental impact of energy input	20	10
6.4.1	Water use inventory	2	1
6.4.2	Reduced water consumption	2	1
6.4.3	Water quality	4	N/A
6.5.1	Waste minimization program	2	1
6.5.2	Waste minimization	4	3
6.5.3	Packaging minimization	3	2
6.6.1	Greenhouse gas loadings	2	1
6.6.2	Greenhouse gas reduction goals	2	N/A
6.6.3	Greenhouse gas reductions	6	N/A
6.6.4	PBT reductions	4	N/A
	Section Total	**59**	**22**

Criteria	Description	Max Mfg Points	Max Dist Points
Section 7	**Long-Term Value**		
7.2.1	Durability	8	N/A
7.2.2	Fire Resistance & Smoke Density	4	N/A
7.3.1	Minimal Long Term Indoor VOC Emissions	8	N/A
7.3.2	De Minimis Indoor Carcinogenic VOC Emissions	2	N/A
7.4.1	Elimination of Chemicals of Concern From Cleaning Products	2	N/A
7.4.2	Control of VOC Emissions from Cleaning Products	2	N/A
	Section Total	**26**	**0**

Criteria	Description	Max Mfg Points	Max Dist Points
Section 8	**End of Life Management**		
8.1.1	Product Recyclability	4	N/A
8.1.2	Compostability	2	N/A
8.1.3	Post-Consumer Collection Operations	2	1
8.2.1	Post-Consumer Reclamation	6~~-4~~	N/A

8.2.2	Corporate Investment in Reclamation	6	3
	Section Total	**20**	**4**

Criteria	Description	Max Mfg Points	Max Dist Points
Section 9	**Corporate Governance**		
9.2.1.	Supplier social accountability	1	1
9.2.2	Supplier social accountability disclosure	2	N/A
9.2.3	Preliminary Disclosure	1	1
9.2.4	Comprehensive Disclosure	1	N/A
9.3.1	Employee Turnover	1	1
9.3.2	Employee Injury Rate	2	1
9.3.3	Right to Collective Bargaining	1	1
9.3.4	Prevention of Discrimination	pre-requisite	pre-requisite
9.3.5	Prohibitions on Forced Labor	pre-requisite	pre-requisite
9.3.6	Prohibitions on Child Labor	pre-requisite	pre-requisite
9.3.7	Living Wages/Remuneration	1	1
9.4.1	Community Financial Investment	1	1
9.4.2	Employee Participation	1	1
9.4.3	Local Recruiting	1	1
9.4.4	Participation in governmental environmental excellence	1	1
9.5.1	Profitability	1	1
9.5.2	Investment in research and development	1	1
9.5.3	Vendor/Supplier Satisfaction	1	1
9.6	Supplier audits	2	N/A
	Section Total	**19**	**13**

Criteria	Description	Max Mfg Points	Max Dist Points
Section 10	**Innovation**	6	2
	Section Total	**6**	**2**

Criteria	Description	Max Mfg Points	Max Dist Points
Section 7	**Long-Term Value**		
7.2.1	Durability	8	N/A
7.2.2	Fire Resistance & Smoke Density	4	N/A
7.3.1	Minimal Long Term Indoor VOC Emissions	8	N/A
7.3.2	De Minimis Indoor Carcinogenic VOC Emissions	2	N/A
7.4.1	Elimination of Chemicals of Concern From Cleaning Products	2	N/A
7.4.2	Control of VOC Emissions from Cleaning Products	2	N/A
	Section Total	**26**	**0**

Criteria	Description	Max Mfg Points	Max Dist Points
Section 8	**End of Life Management**		
8.1.1	Product Recyclability	4	N/A
8.1.2	Compostability	2	N/A
8.1.3	Post-Consumer Collection Operations	2	1
8.2.1	Post-Consumer Reclamation	6	N/A
8.2.2	Corporate Investment in Reclamation	6	3
	Section Total	**20**	**4**

Draft PDS-04 Substantive Changes to Draft PDS-03

Proposed Addendum BSR/RESNET/ICC 301-2014
Addendum F-201x, Normative Appendix A

A-1.3.2 Fibrous Batt Insulation:

1. Insulation shall fill the cavity being insulated side to side, top to bottom.
2. Insulation shall be enclosed on all six sides ~~with an air barrier~~ with durable materials.

   Exceptions:
   a. Insulation installed in attics above ceilings shall not require an air barrier on the exterior side.
   b. Insulation installed under floors directly above an unvented crawl space shall not require an air barrier on the exterior side.
   c. Insulation installed in rim or band joists located in conditioned space shall not require an air barrier on the interior side.
   d. Insulation installed on conditioned basement and crawlspace walls where an air barrier material meeting code requirements for exposed applications and tested in accordance with ASTM E2178 is installed on the interior side.

3. Faced batts shall be stapled to the face of the studs or side stapled to the studs with no buckling of the stapling tabs or the tabs shall be permitted to be left unstapled. Faced batt products without tabs and friction fit products shall not be required to be stapled when installed in walls. Compression of ~~When batts are~~ face stapled~~, verify~~ batts shall be graded in accordance with the criteria outlined in sections A-2.1.1.1, A-2.1.2.1, or A-2.1.3~~are not pinched, hiding the compression~~.
4. When side stapled, compression is permitted only along edges to the depth of the stapling tab.
5. Insulation shall be closely fitted around obstructions including, but not limited to, framing, blocking, wiring, pipes, etc. to avoid substantial gaps, voids or compression.

A-1.3.3 Blown or Sprayed Fibrous Loose Fill Insulation:

1. Insulation containment fabric or system that is side stapled shall not be stapled more than ½ inch back from the face of the stud.
2. Insulation shall be rolled or trimmed flat to allow installation and contact with interior sheathing or finish material.
3. Insulation shall fill the cavity being insulated, side to side, and top to bottom.
4. Blown insulation shall meet the manufacturer's stated recommendations for density and coverage in order to meet the required R value and to minimize or prevent settling.
5. Insulation shall be enclosed on all six sides ~~with an air barrier~~ with durable materials.

Exceptions:

a. Air permeable insulation installed on the top side of the ceiling in unconditioned attics shall not require an air barrier on the exterior.
b. Insulation installed under floors that are directly above an unvented crawl space shall not require an air barrier on the exterior side.
c. Insulation installed in rim or band joists located in conditioned space shall not require an air barrier on the interior side.

6. Insulation shall be installed around obstructions including, but not limited to, framing, blocking, wiring, pipes, etc. as to avoid substantial gaps, voids or compression.

A-1.3.6 Closed-Ccell Sspray Ppolyurethane Ffoam (SPF) Iinsulation:

Installers shall meet the manufacturer's recommended training requirements and shall complete the online health and safety training for SPF provided by the Center for Polyurethanes Industry.

1. Spray foam shall be well-bonded to the substrate, including framing and sheathing.
2. Closed-cell iInsulation, installed at a minimum thickness of 1.5 inches and in - contact with the substrate, shall be permitted to serve as a component of the primary continuous air barrier.

Exception: Thicknesses less than 1.5 inches considered air-impermeable with appropriate ASTM E2178 data (air permeance less than 0.04 cfm/ft^2) from manufacturer data sheet or code evaluation report prepared by an organization accredited for product certification per ISO-17065 or other source approved by an authority having jurisdiction.

A-2.1.2 Grade II (Moderate Defects)

Installations not complying with the minimum Shall meet ASTM specified installation requirements in ASTM standards C1015, C1320, and ASTM C1848, and shall meet the appropriate Grade I material installation grading following requirements shall be considered a Grade II or Grade III installation in accordance with their level of defect.:

A-2.2 Structural Insulated Panels (SIPs) Grading Criteria

1. Sealing of panel joints shall meet the manufacturer's requirements. Where the manufacturer does not have specific joint sealing details SIPA's typical joint sealing details shall be used. SIPA details are available at www.sips.org.
2. Use spray foam to seal penetrations through the SIP panels.

3. Any damaged area shall be repaired.
4. All gaps and penetrations through SIPs including windows, doors, and foundation or roof connections shall be air-sealed with expanding foam compatible with the SIP materials.

A-2.2.1 Grade I (Minor Defects)

Shall meet the minimum installation requirements for SIP products above and the following requirements:

1. SIP panels shall be properly aligned and unsealed penetrations extending from the interior to exterior of the panels shall not be permitted.
2. 2% or less of the total area of the SIPS panels have damage which is unrepaired, including but not limited to cutouts for electrical boxes, pipes and other penetrations.

A-2.2.2 Grade II (Moderate to Frequent Defects)

Shall meet the minimum installation requirements for SIPS products above and the following:

1. Greater than 2% and less than 5% of the total area of the SIP panels have damage which is unrepaired, including but not limited to cutouts for electrical boxes, pipes and other penetrations.
2. SIP panels shall be properly aligned and unsealed penetrations extending from the interior to exterior of the panels shall not be permitted.

A-2.2.3 Grade III (Major Defects)

SIP panel installations not complying with the minimum installation requirements and Grade I or Grade II requirements above shall be considered a Grade III installation.

Grade III installations shall be recorded and shall be modeled as specified by Section 4.2.2.2.2 of this Standard.

A-2.3 Reflective/Radiant Grading Criteria

Regarding thermal performance claims or R-V~~v~~alues:

1. R-V~~v~~alue claims for the air-space adjacent to a reflective insulation product shall be based on average cavity depth (where not less than ½"), heat flow direction which represents the application (wall, ceiling or floor), temperature of the airspace surfaces relative to the specific wall assembly, location of the airspace in the assembly, and design climate conditions.
2. When utilizing R-V~~v~~alue~~s~~ claims for the air-space adjacent to a reflective insulation product, the air-space shall be a totally enclosed and unventilated cavity that minimizes airflow into or out of it in accordance with ASTM C727.
3. Where utilizing R-V~~v~~alues based on testing in accordance with ASTM C1224, the reflective insulation product shall be installed as tested. R-V~~v~~alue claims for the assembly including the airspace shall be based on ASTM C1224 or per the current FTC Rule 460 requirements. The assembly that is tested for thermal resistance shall be representative of the field assembly.
4. Reflective airspaces behind cladding or otherwise located to the exterior side of the air barrier layer for the assembly shall not claim R-V~~v~~alues based on having an airspace

except where the cladding and the perimeter of the airspace creates a totally enclosed and unventilated cavity~~air space~~.

A-2.3.1 Reflective Insulation in Ceilings, Walls and Floors

Reflective insulation products include types with multiple layers, reflective bubble, and reflective foam – refer to the manufacturer's instructions for the product's installation details.

1. The products shall be permitted to be either face or side (inset) stapled and shall be permanently attached to the framing member;
2. When side or inset stapled, reflective insulation shall be installed at the depth in the cavity to attain the required airspace(s). Refer to manufacturer's installation details for the specific application, including required airspace dimensions. Where the cavity is partitioned to provide two or more airspaces that are each claimed for R-V~~v~~alue contribution, the attachment of the reflective material separating the spaces shall be installed against~~sealed to~~ the framing without any gaps in order to minimize ~~prevent~~ air leakage~~ exchange~~ between the ~~two or more~~ airspaces;
3. When face-stapled, the material width shall match the framing width (e.g. 16" wide material is used for 16" on-center framing).

   Exception: Nonstandard cavity widths.

4. When face-stapled, the staple tabs shall be aligned with the direction of the framing;
5. When reflective insulation is to serve as a vapor retarder, the tabs are over-lapped or taped when face-stapled. When inset stapled, the edges shall be attached to the sides, top and bottom of the framing.
6. Reflective insulation and radiant barriers (sheet type) materials shall not be laid directly on top of the attic floor or insulation materials installed above the ceiling.
7. Reflective insulation and radiant barriers installed under slabs shall not claim R-V~~v~~alues based on having an airspace.
8. Reflective airspaces behind cladding or otherwise located to the exterior side of the air barrier layer for the assembly shall not claim R-V~~v~~alues based on having an air-space except where the cladding and perimeter of the airspace creates a totally enclosed and unventilated cavity~~air space~~.

BSR/UL 347A, Standard for Safety for Medium Voltage Power Conversion Equipment

1. Power Conversion Equipment with Low Voltage Input and Medium Voltage Output

1.2 These requirements cover equipment ~~with output voltage ratings~~ rated above 1500 volts to 38kV. ~~This~~ The equipment may have input ~~voltage~~ ratings greater than 1500 V, output ratings greater than 1500 V, or both ~~in the range of 0-1000 V, or above 1000 V to 38 kV~~.

BSR/UL 405-201x, Standard for Safety for Fire Department Connection Devices

PROPOSAL

10.1 The clearance between the clapper rim and the body in all positions of travel shall be at least 1/4 inch (6.4 mm) with gray, cast, or malleable iron bodies, and 1/8 inch (3.2 mm) with brass, ~~and~~bronze and Series 300 stainless steel bodies. The clearance between the clapper hub or hinge and the body or seat ring shall be at least 1/8 inch (3.2 mm). The length of the clapper hub or hinge shall be 1/32 inch (0.8 mm) less than the distance between the bearings. The hole through the clapper hub shall be at least 1/32 inch (0.8 mm) greater in diameter than the diameter of the hinge pin.

14.3 A representative sample of the fire department connection, roof manifold, or swivel adaptor is to be filled with water and vented of air. For the body leakage test, the clapper is to be blocked open or pressurized through the fire department connection inlet so that the clapper is not sealed against the seat. For the seat leakage test, the test sample is be pressurized through the fire department connection outlet so that the pressure is applied in a direction to close the clapper against the seat. The pressure is to be gradually increased at a rate not exceeding 300 psig (2.07 MPa) per minute until the required test pressure is achieved and held for 1 minute. Visual observations are to be made for leakage through the body or at the seat. If leakage past the seat is observed, the leakage rate is to be determined in accordance with ~~14.1~~14.2.

BSR/UL 498, Standard for Safety for Attachment Plugs and Receptacles

1. Proposal for an Alternative Vertical-Ball Impact Test

140.3 Vertical-ball impact

140.3.1 The devices are to be mounted to a cast metal (malleable iron) outlet box and a nonmetallic flush-device cover plate is to be installed on the receptacle in the intended manner. The receptacle, faceplate, and box are to be placed on a steel plate at least 1/2 inch (12.7 mm) thick with the outlet facing upward.

140.3.2 The steel sphere is to be dropped from a height of 51 inches (1295 mm) to impact the center of each receptacle outlet as shown in Figure 140.3. For duplex receptacles, three devices are to be tested using one outlet, and three using the other.

Exception: For a receptacle that employs a recessed outlet (such as a clock- hanger receptacle) where the steel sphere is unable to impact the outlet slot area an alternative shape consisting of a 1in (25.4 mm) diameter steel rod with a 1 in (25.4 mm) spherical radius on one end as shown in Figure 140.4, delivering an impact of 5.0 ft-lb (6.8 joules) is permitted.

BSR/UL 870, Standard for *Wireways, Auxiliary Gutters, and Associated Fittings*

1. Clarification of Knockout Performance Testing

PROPOSAL

5.7 Ferrous steel enclosures with an opening/openings for connection of a wiring system closed with a knockout (see 11.1) shall comply with the UL 514A requirements for Strength of knockouts, (See 12.6) and Flat areas surrounding knockouts, (See 12.7).

BSR/UL 923, Standard for Household Microwave Ovens

1. Safety of Smart Enabled Microwave Cooking Appliances

PROPOSAL

Table SC2.1

Operating control parameters

Information	Operating control requirements
Operating ambient	As specified by the device manufacturer and verified during the Normal Temperature test, Section 41, of the appliance
Endurance testing for power switching devices	A) 100,000 cycles for automatic, self-resetting operating controls
	B) 6,000 cycles for manual, non-self-resetting operating controls
Overvoltage category	Overvoltage category II
Pollution degree	~~2 for controlled environment per 2.12~~ PD 3 for OTR's and PD 2 for all others

SC2.1.2 With respect to SC2.1.1, the requirement is not applicable to controls located in low voltage circuits where the maximum power available does not exceed 15 W. This does not exempt the control from investigation for compliance with Functional Safety, Section SC3.

Exception: A communication device, display, router, monitor, etc. that does not have direct control over the operation of the appliance does not need to be investigated in accordance with the requirements for Functional Safety, Section SC3.

SC2.1.3 With respect to SC2.1.1, compliance with the Standard for Solid-State Controls for Appliances, UL 244A, or the Standard for Temperature-Indicating and -Regulating Equipment, UL 873, taking into account criteria comparable to that specified in Table SC2.1 is considered to fulfill this requirement.

SC2.1.4 With respect to SC2.1.1, a communication device that is not integral with the appliance control (e.g. on a separate printed wiring board), and does not incorporate Class B safety functionalities, may alternatively comply with the Standard for Information Technology Equipment Safety - Part 1: General Requirements, UL 60950-1.

Exception: External communication or display devices powered via connection to communication or data ports on the appliance which are located in low voltage, Class 2, SELV or PELV circuits do not require investigation.

SC2.2.1 For appliance controls that communicate by wire connection to a LAN or other separate device, the ~~The~~ separation of communication circuits from power and control circuits shall be evaluated for risk of electric shock in accordance with 32.3.

SC3.2 With respect to SC3.1, the control shall not:

a) Render inoperative any Type 2, Class B or C functionality of any control within the appliance;

b) Alter the response or expected performance of any Type 2, Class B or C functionality of any control within the appliance.

c) Alter the response or expected performance of user actuation of controls, movement of doors, covers, lids, locking and/or interlocking mechanisms that function to limit user exposure to hazardous electrical parts, hazardous moving parts, hazardous hot parts, heated cavities or radiation;

Exception: If the altered response or performance does not introduce a hazardous condition (e.g. a rotating part stops more quickly), this requirement is not applicable.

d) Enable remote operation to allow starting or restarting of the cooking mode (microwave, convection, bake, etc) or self-cleaning function of the appliance, see SC3.6 for Exception;

e) Alter the order of appliance control response in a manner that forces a protective control to operate where normally an operating control would respond; or

f) Supersede the response of any protective control such as temperature limiting or door interlocking functions etc. Examples of protective control functions include temperature limiting and door interlocking functions.

BSR/UL 1254, Pre-Engineered Dry Chemical Extinguishing System Units

1. Proposed Fifth Edition of the Standard for Pre-Engineered Dry and Wet Chemical Extinguishing System Units, which includes: (A) Updating the standard to be consistent with requirements for pre-engineered wet chemical extinguishing system units and (B) first time SCC approval for Pre-Engineered Dry and Wet Chemical Extinguishing System Units, ANSI/CAN/UL/ULC 1254

PROPOSAL

24.2 Discharge nozzles for wet chemical agent discharge shall be provided with an internal strainer located immediately upstream of the nozzle. The strainer shall be made of ~~not less than 50 mesh~~ stainless steel screen with openings not less than ~~[~~297 µm (0.0117 in.) ~~openings]~~. The total area of the strainer openings shall be not less than 2 ~~20~~ times the free area of the nozzle orifice.

~~**44 Wet Chemical Extinguishing System Unit Nozzle Characteristics Test**~~

~~44.1 When tested as specified in 44.2:~~

~~a) The water flow rate for each type of nozzle, expressed in ml/min, shall be within ±5 percent of the manufacturer's specifications.~~

~~44.2 Water is to be discharged through the sample nozzle at the nominal pressure, and at least one additional pressure above and below the nominal pressure.~~

BSR/UL 2017, Standard for Safety for General-Purpose Signaling Devices and Systems

PROPOSALS

1. Alternative Means Utilizing Adhesives to Provide Mechanical Securement of Parts

8.1.3 Enclosure parts fastened with adhesive meeting 9.6 - 9.9 shall comply with the test requirements in Mechanical Strength Tests for Metal Enclosures and Guards and Enclosure Parts Fastened with Adhesive, Section 48.

8.2.1 An enclosure of metal shall have a minimum thickness as specified in Tables 8.1, 8.2, or 8.3 or shall comply with the test requirements in Mechanical Strength Tests for Metal Enclosures and Guards, and Enclosure Parts Fastened with Adhesive Section 48.

(NEW)

11.5 An adhesive that is relied upon to:

a) reduce a risk of fire, electric shock, or injury to persons,

b) limit access to a manual control, or

c) avert dislodgement of a part/module affecting normal operation of the product

shall comply with the requirements for adhesives in the Standard for Polymeric Materials - Use in Electrical Equipment Evaluations, UL 746C. The durability shall be representative of a minimum of 30 years of service at the maximum rated prevailing ambient installation temperature.

(NEW)

11.6 The requirement in 11.5 applies to an adhesive used to secure a part, including a nameplate, which may, if loosened or dislodged:

a) Energize an accessible dead metal part,

b) Make a live part accessible,

c) Reduce spacings below the minimum required values,

d) Short-circuit live parts,

e) Make a limited-accessible control accessible, or

f) Affect the normal operation of the product.

(NEW)

11.7 7 Whether the conditions specified in 11.6 (a) - (f) can occur is to be considered with respect to both:

a) A part inside or outside of the device and

b) A part on the outside of the device that may affect equipment in which the device is to be installed.

(NEW)

11.8 Parts secured using adhesive are to be installed in or on the product before leaving the factory.

48. Mechanical Strength Test for Metal Enclosures and Guards and Enclosure Parts Secured with Adhesive

48.1 ~~The enclosure or guard of a unit, when of metal, shall withstand a force of 100 lbs (45.4 kg) for 1 minute without:~~

~~a) Permanent distortion to the extent that spacings are reduced more than 50 percent of the values specified in Spacings, Section 18;~~

~~b) Transient distortion that results in contact with live parts; or~~

~~c) Developing openings that do not comply with the accessibility requirements in 10.1 - 10.4. The force is to be applied by means of a hemisphere 1/2 inch (12.7 mm) in diameter.~~

The following parts of an enclosure or guard of a unit shall withstand a force of 100 lb for 1 min, applied by means of a hemisphere, 1/2-in (12.7 mm) in diameter, and an impact of 5 ft·lb (7 N·m), applied by means of a smooth, solid, steel sphere 2 in (50.8 mm) in diameter and having approximately 1.18 lb (0.54 kg) mass:

a) The enclosure or guard of a unit, when of metal, which do not meet the thickness requirements in 6.2.1 and Tables 6.1 - 6.3, or

b) Enclosure parts secured with an adhesive meeting 9.6.

48.2 ~~The enclosure or guard of a unit, when of metal, shall withstand an impact of 5 ft-lbs (6.8 N·m) without:~~

~~a) Permanent distortion to the extent that spacings are reduced below the values specified in Spacings, Section 18;~~

~~b) Transient distortion that results in contact with live parts; or~~

~~c) Developing openings that do not comply with the accessibility requirements in 10.1 - 10.4.~~

~~The impact is to be applied by means of a smooth, solid, steel sphere 2 inches (50.8 mm) in diameter and having 1.18 lb (0.54 kg) mass. The sphere is to fall freely from rest through a vertical distance of 51 inches (1.30 m). See Figure 48.1.~~

The sphere in 48.1 is to fall freely from rest through a vertical distance of 51 in (1.3 m) or swung through a pendulum arc of 51 in (1.3 m) in as shown in Figure 48.1 without:

a) Permanent distortion to the extent that spacings are reduced more than 50% of the values specified in Spacings, Section 18;

b) Transient distortion that results in a reduction of more than 50% of the values specified in Section 18;

c) Developing openings that do not comply with the requirements in Accessibility of Uninsulated Live Parts, Film-Coated Wire, and Moving Parts, Section 10; and

d) Developing access to controls required to have limited-accessibility.

2. Revision to Require Leakage Current Test Only for Cord-connected Products

37.1 ~~When the~~ Where a cord-connected product is powered by a source greater than 42.4 V peak, the leakage current at any exposed surface, or between any accessible part and earth ground, or any other accessible part with an open circuit potential ~~is~~ of greater than 42.4 volts peak ~~as measured between any accessible part and earth ground or any other accessible part, the leakage current at any accessible part~~ shall not be more than the following values when tested in accordance with 37.2 - 37.7:

a) 0.5 milliampere for an ungrounded (2-wire) portable, stationary, or fixed product;

b) 0.5 milliampere for a grounded (3-wire) portable product; and

c) 0.75 milliampere for a grounded (3-wire) stationary or fixed product.

Exception: When an electromagnetic radiation suppression filter is required for the product to function as intended, the leakage current shall not be more than 2.5 milliamperes, when the product complies with the following conditions:

a) The product shall be provided with grounding means in accordance with the applicable requirements for a cord-connected product in Grounding for Products Containing High-Voltage Circuits, Section 24;

b) With the filter removed from the product, the leakage current shall not exceed the limits specified in 37.1(b) and (c); as applicable, and

c) The product is marked in accordance with 83.1.7.

BSR/UL 2572, Standard for Safety for Mass Notification Systems

PROPOSAL

Alternative Means Utilizing Adhesives to Provide Mechanical Securement of Parts

6.5.1 Enclosure parts fastened with adhesive meeting 9.6 - 9.9 shall comply with the test requirements in Mechanical Strength Tests for Metal Enclosures and Guards and Enclosure Parts Fastened with Adhesive, Section 67.

10.5 Except as indicated in 10.6 - 10.9, ~~A~~all subassemblies, modules, and printed-wiring boards shall be held in their intended place in the product by mechanical means.

(NEW)

10.6 An adhesive that is relied upon to:

a) reduce a risk of fire, electric shock, or injury to persons,

b) limit access to a manual control, or

c) avert dislodgement of a part/module affecting normal operation of the product

shall comply with the requirements for adhesives in the Standard for Polymeric Materials - Use in Electrical Equipment Evaluations, UL 746C. The durability shall be representative of a minimum of 30 years of service at the maximum rated prevailing ambient installation temperature.

(NEW)

10.7 The requirement in 10.6 applies to an adhesive used to secure a part, including a nameplate, which may if loosened or dislodged:

a) Energize an accessible dead metal part,

b) Make a live part accessible,

c) Reduce spacings below the minimum required values,

d) Short-circuit live parts,

e) Make a limited-accessible control accessible, or

f) Affect the normal operation of the product.

(NEW)

10.8 Whether the conditions specified in 10.7 (a) - (f) can occur is to be considered with respect to both:

a) A part inside or outside of the device and

b) A part on the outside of the device that may affect equipment in which the device is to be installed.

(NEW)

10.9 Parts secured using adhesive are to be installed in or on the product before leaving the factory.

67. Mechanical Strength Test for Metal Enclosures and Guards and Enclosure Parts Secured with Adhesive

67.1 ~~The enclosure or guard of a unit, when of metal, shall withstand a force of 100 pounds for 1 minute, applied by means of a hemisphere, 1/2 inch (12.7 mm) in diameter, and an impact of 5 foot-pounds (7 N·m), applied by means of a smooth, solid, steel sphere 2 inches (50.8 mm) in diameter and having approximately 1.18 pound (0.54 kg) mass. The sphere is to fall freely from rest through a vertical distance of 51 inches (1.3 m) or swung through a pendulum arc of 51 inches as shown in Figure 67.1 without:~~

~~a) Permanent distortion to the extent that spacings are reduced more than 50 percent of the values specified in Spacings, Section 17;~~

~~b) Transient distortion that results in a reduction of more than 50 percent of the values specified in Section 17; and~~

~~c) Developing openings that do not comply with the requirements in Accessibility of Uninsulated Live Parts, Film-Coated Wire, and Moving Parts, Section 9.~~

~~*Exception: Mechanical strength tests are not required for enclosures complying with the thickness requirements in 7.2.1 and Tables 7.1 - 7.3.*~~

The following parts of an enclosure or guard of a unit shall withstand a force of 100 lb for 1 min, applied by means of a hemisphere, 1/2-in (12.7 mm) in diameter, and an impact of 5 ft·lb (7 N·m), applied by means of a smooth, solid, steel sphere 2 in (50.8 mm) in diameter and having approximately 1.18 lb (0.54 kg) mass:

a) The enclosure or guard of a unit, when of metal, which do not meet the thickness requirements in 7.2.1 and Tables 7.1 - 7.3, or

b) Enclosure parts secured with an adhesive meeting 10.6 - 10.9.

67.2 The sphere in 67.1 is to fall freely from rest through a vertical distance of 51 in (1.3 m) or swung through a pendulum arc of 51 in (1.3 m) in as shown in Figure 48.1 without:

a) Permanent distortion to the extent that spacings are reduced more than 50 percent of the values specified in Spacings, Section 17;

b) Transient distortion that results in a reduction of more than 50 percent of the values specified in Section 17;

c) Developing openings that do not comply with the requirements in Accessibility of Uninsulated Live Parts, Film-Coated Wire, and Moving Parts, Section 9; and

d) Developing access to controls required to have limited-accessibility.

76.6 Polymeric and adhesive materials tests

76.6.1 A polymeric or adhesive material used for (or as part of) the enclosure of a product intended for outdoor wet locations shall meet the requirements of the following tests in the Standard for Polymeric Materials - Use in Electrical Equipment Evaluations, UL 746C:

a) The Ultraviolet Light Exposure Test;

b) The Water Exposure and Immersion Test; and

c) The Resistance to Impact Test, which is to be conducted as specified in UL 746C [at a low temperature of minus 40 ±3°F (minus 40 ±2°C)].

Exception: With regard to (a) and (c), the examination of the property-retention parameters for a polymeric or adhesive material not used as an enclosure, but attached to or exposed on the outside of the product such as a viewing window, need only include dimensional change with regard to affecting the water seal, and translucence such that viewing of required information is prohibited.