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: October 22, 2017

NSF (NSF International)

Revision

BSR/NSF 50-201x (i116r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)

This Standard covers materials, components, products, equipment and systems, related to public and residential recreational water facility operation.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Jessica Evans, (734) 913-5774, jevans@nsf.org

NSF (NSF International)

Revision

BSR/NSF 350-201x (i18r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-201x (i18r1))

This Standard contains minimum requirements for onsite residential and commercial water treatment systems.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Jessica Evans, (734) 913-5774, jevans@nsf.org

RESNET (Residential Energy Services Network, Inc.)

Addenda

BSR/RESNET/ICC 301-201x Addendum E-201x, Index Adjustment Factors (addenda to ANSI/RESNET/ICC 301-2014)

Modification of ANSI/RESNET/ICC 301-2014 to incorporate new provisions for calculating energy rating indexes that adjust for size and configuration.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: 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 48-201X, Standard for Safety for Electric Signs (revision of ANSI/UL 48-2014)

The following topics for the Standard for Electric Signs, UL 48, are being recirculated: (3) Revise title of Section 4.4.10.2.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Heather Sakellariou, (847) 664-2346, Heather.Sakellariou@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 858-201x, Standard for Household Electric Ranges (revision of ANSI/UL 858-2017)

(4) Smart enabled ranges.

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 943B-201X, Standard for Safety for Appliance Leakage-Current Interrupters (revision of ANSI/UL 943B-2011 (R2016))

(1) Addition of auto-monitoring requirements.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Patricia Sena, (919) 549-1636, patricia.a.sena@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1559-201x, Insect-Control Equipment - Electrocution Type (Proposal dated December 30, 2016) (revision of ANSI/UL 1559-2011b)

This proposal includes: Revision of requirements to testing, marking, and instruction requirements.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Wilbert Fletcher, (919) 549-1337, Wilbert.Fletcher@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 6703-201x, Standard for Connectors for Use in Photovoltaic Systems (revision of ANSI/UL 6703-2017)

(1) Additional requirements to allow for AL conductors of AA-8000 grade or higher.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Susan Malohn, (847) 664-1725, Susan.P.Malohn@ul.com

Comment Deadline: November 6, 2017

AAMI (Association for the Advancement of Medical Instrumentation)

Revision

BSR/AAMI/ISO 80369-1-201x, Small-bore connectors for liquids and gases in healthcare applications - Part 1: General requirements (revision of ANSI/AAMI/ISO 80369-1-2010)

This document specifies general requirements for small-bore connectors, which convey liquids or gases in healthcare applications. These small-bore connectors are used in medical devices or accessories intended for use with a patient. This document also specifies the healthcare fields in which these small-bore connectors are intended to be used.

Single copy price: Free

Obtain an electronic copy from: https://standards.aami.org/higherlogic/ws/public/documents?view=

Order from: https://standards.aami.org/higherlogic/ws/public/documents?view=

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

ADA (American Dental Association)

Revision

BSR/ADA Standard No. 2000.1-201x, SNODENT (Systemized Nomenclature of Dentistry) (revision and redesignation of ANSI/ADA Standard No. 2000-2016)

SNODENT provides a standardized oral health terminology for the recording of clinical detail and patient characteristics to provide consistent retrieval, transmission, and analysis of data across healthcare systems and interoperability with electronic dental records.

Single copy price: $25.00

Obtain an electronic copy from: wardm@ada.org

Order from: Marilyn Ward, (312) 440-2506, wardm@ada.org

Send comments (with copy to psa@ansi.org) to: Paul Bralower, (312) 587-4129, bralowerp@ada.org

AGA (ASC Z380) (American Gas Association)

Addenda

BSR GPTC Z380.1-2015 TR 2012-46-201x, Guide for Gas Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2015 Edition)

Review existing GM and recommend any necessary changes for integrity assessment of cased pipe using ECDA. The standard provides guidance to operators of natural gas and LP pipeline systems regulated under U.S. CFR 49, Parts 191 and 192.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Michael Bellman, (202) 824-7183, mbellman@aga.org

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

AGA (ASC Z380) (American Gas Association)

Addenda

BSR GPTC Z380.1-2015 TR 2013-34-201x, Guide for Gas Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2015 Edition)

Revise as appropriate to inform the reader that determining whether a new pipeline segment should be tested per 192.505. The standard provides guidance to operators of natural gas and LP pipeline systems regulated under U.S. CFR 49, Parts 191 and 192.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Michael Bellman, (202) 824-7183, mbellman@aga.org

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

AGA (ASC Z380) (American Gas Association)

Addenda

BSR GPTC Z380.1-2015 TR 2014-01-201x, Guide for Gas Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2015 Edition)

Consider GM to develop a template or model to guide operators in performance effectiveness evaluations and developing performance metrics and measures, to be used for any program requiring evaluation. The standard provides guidance to operators of natural gas and LP pipeline systems regulated under U.S. CFR 49, Parts 191 and 192.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Michael Bellman, (202) 824-7183, mbellman@aga.org

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

AGA (ASC Z380) (American Gas Association)

Addenda

BSR GPTC Z380.1-2015 TR 2015-31-201x, Guide for Gas Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2015 Edition)

Review existing GM definition of business district and revise as appropriate. The standard provides guidance to operators of natural gas and LP pipeline systems regulated under U.S. CFR 49, Parts 191 and 192.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Michael Bellman, (202) 824-7183, mbellman@aga.org

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

AGA (ASC Z380) (American Gas Association)

Addenda

BSR GPTC Z380.1-2015 TR 2015-32-201x, Guide for Gas Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2015 Edition)

Review existing GM and determine if changes are appropriate to address assuring the exchange between corrosion protection and integrity management departments of corrosion related data. The standard provides guidance to operators of natural gas and LP pipeline systems regulated under U.S. CFR 49, Parts 191 and 192.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Michael Bellman, (202) 824-7183, mbellman@aga.org

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

AGA (ASC Z380) (American Gas Association)

Addenda

BSR GPTC Z380.1-2015 TR 2016-18-201x, Guide for Gas Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2015 Edition)

Review GM 192.616 to determine if the information in 196.109 should be included to leak reporting in 2 (iii). The standard provides guidance to operators of natural gas and LP pipeline systems regulated under U.S. CFR 49, Parts 191 and 192.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Michael Bellman, (202) 824-7183, mbellman@aga.org

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

AGA (ASC Z380) (American Gas Association)

Addenda

BSR GPTC Z380.1-2015 TR 2016-26-201x, Guide for Gas Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2015 Edition)

Review existing GM and modify as appropriate in light of ADB - 2016 - 04 - Ineffective Protection, Detection, and Mitigation of Corrosion Resulting from Insulated Coatings on Buried Pipelines. The standard provides guidance to operators of natural gas and LP pipeline systems regulated under U.S. CFR 49, Parts 191 and 192.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Michael Bellman, (202) 824-7183, mbellman@aga.org

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

AGA (ASC Z380) (American Gas Association)

Addenda

BSR GPTC Z380.1-2016 TR 2016-16-201x, Guide for Gas Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1 -2015 Edition)

Provide GM for requirements and requests for special permits/waivers. The standard provides guidance to operators of natural gas and LP pipeline systems regulated under U.S. CFR 49, Parts 191 and 192.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Michael Bellman, (202) 824-7183, mbellman@aga.org

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

AGA (ASC Z380) (American Gas Association)

Addenda

BSR GPTC Z380.1-2016 TR 2016-37-201x, Guide for Gas Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1 -2015 Edition)

Review and revise as appropriate GM on crossbores. The standard provides guidance to operators of natural gas and LP pipeline systems regulated under U.S. CFR 49, Parts 191 and 192.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Michael Bellman, (202) 824-7183, mbellman@aga.org

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

AMCA (Air Movement and Control Association)

New Standard

BSR/AMCA 208-201x, Calculation of Fan Energy Index (new standard)

This standard defines the calculation method for the fan energy index, which is an energy efficiency metric for fans inclusive of motors and drives. This metric provides a standardized and consistent basis to compare fan energy performance across fan types and sizes at a given fan duty point. It can be used by fan specifiers to understand and communicate the fan efficiency design intent. It can also be used by legislative or regulatory bodies to define the energy efficiency requirements of fans.

Single copy price: $90.00

Obtain an electronic copy from: emoore@amca.org

Order from: Erin Moore, (847) 704-6285, emoore@amca.org

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

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME B30.29-201x, Self-Erecting Tower Cranes (revision of ANSI/ASME B30.29-2012)

B30.29 includes provisions that apply to the construction, operation, inspection, testing, and maintenance of powered self-erect tower cranes that adjust operating radius by means of a trolley traversing a jib. These may be horizontal, elevated, articulating, or telescoping, and used for vertical lifting and lowering of freely suspended, unguided loads that consist of equipment and materials.

Self-erect tower cranes have vertical or nearly vertical masts that are bottom slewing and mounted on fixed, traveling, or mobile bases. The cranes are capable of moving or being moved from jobsite to jobsite fully assembled or nearly fully assembled.

This Volume does not apply to cranes used for nonvertical lifting service or lifting a guided load, or to truck-mounted material delivery cranes with a tubular boom and trolley traversing the boom. Tower cranes (refer to ASME B30.3) and mobile crane tower attachments (refer to ASME B30.5) are not within the scope of this Volume.

Single copy price: Free

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

Order from: Mayra Santiago, ASME; ansibox@asme.org

Send comments (with copy to psa@ansi.org) to: Kathryn Hyam, (212) 591 -8521, hyamk@asme.org

AWWA (American Water Works Association)

Revision

BSR/AWWA B303-201x, Sodium Chlorite (revision, redesignation and consolidation of ANSI/AWWA B303-2010 and ANSI/AWWA B303a-2013)

This standard describes sodium chlorite, in either solid (granular, flake, or powdered) or aqueous-solution form, for use in making chlorine dioxide for use in the treatment of potable water, wastewater, and reclaimed water.

Single copy price: Free

Obtain an electronic copy from: ETSsupport@awwa.org

Order from: 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

BHMA (Builders Hardware Manufacturers Association)

Revision

BSR/BHMA A156.20-201x, Strap and Tee Hinges, and Hasps (revision of ANSI/BHMA A156.20-2012)

This Standard establishes requirements for Strap Hinges, Tee Hinges, and Hasps, and includes performance tests covering operational and strength criteria.

Single copy price: $36.00 (Nonmembers); $18.00 (BHMA Members)

Order: Michael Tierney, (212) 297-2122, mtierney@kellencompany.com

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

BHMA (Builders Hardware Manufacturers Association)

Revision

BSR/BHMA A156.23-201x, Electromagnetic Locks (revision of ANSI/BHMA A156.23-2010)

This Standard establishes requirements for electromagnetic locks and includes cyclical, dynamic, operational, strength and finish tests. This product is used for access control.

Single copy price: $36.00 (Nonmembers); $18.00 (BHMA Members)

Order: Michael Tierney, (212) 297-2122, mtierney@kellencompany.com

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

BHMA (Builders Hardware Manufacturers Association)

Revision

BSR/BHMA A156.26-201x, Continuous Hinges (revision of ANSI/BHMA A156.26-2012)

This Standard establishes requirements for architectural continuous hinges used in building construction. Cycle, finish, abuse, overload, vertical wear, and strength tests are included.

Single copy price: $36.00 (Nonmembers); $18.00 (BHMA Members)

Order: Michael Tierney, (212) 297-2122, mtierney@kellencompany.com

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

BHMA (Builders Hardware Manufacturers Association)

Revision

BSR/BHMA A156.29-201x, Exit Locks, Exit Alarms, Alarms for Exit Devices (revision of ANSI/BHMA A156.29-2012)

Establishes requirements for Exit Locks, Exit Alarms, and Alarms for Exit Devices and includes operational and finish tests. Alarms for Exit Devices include operational tests only.

Single copy price: $36.00 (Nonmembers); $18.00 (BHMA Members)

Order: Michael Tierney, (212) 297-2122, mtierney@kellencompany.com

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

BHMA (Builders Hardware Manufacturers Association)

New Standard

BSR/BHMA A156.41-201x, Door Hardware Single Motion to Egress (new standard)

This standard describes requirements for doors and door hardware to comply with Code Requirements for single operation egress.

Single copy price: $36.00 (Nonmembers); $18.00 (BHMA Members)

Order: Michael Tierney, (212) 297-2122, mtierney@kellencompany.com

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

CSA (CSA Group)

Reaffirmation

BSR/CSA Z741-2012 (R201x), Geological Storage of Carbon Dioxide (reaffirmation of ANSI/CSA Z741-2012)

Establishes requirements and recommendations for the safe, long-term containment of carbon dioxide in a geological reservoir.

Single copy price: Free

Obtain an electronic copy from: cathy.rake@csagroup.org

Order from: Cathy Rake, (216) 524-4990 x88321, cathy.rake@csagroup.org

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

ECIA (Electronic Components Industry Association)

New National Adoption

BSR/EIA 61078-201x, Reliability Block Diagrams (identical national adoption of IEC 61078:2016)

This International Standard describes:

- the requirements to apply when reliability block diagrams (RBDs) are used in dependability analysis;

- the procedures for modelling the dependability of a system with reliability block diagrams;

- how to use RBDs for qualitative and quantitative analysis;

- the procedures for using the RBD model to calculate availability, failure frequency, and reliability measures for different types of systems with constant (or time-dependent) probabilities of blocks success/failure, and for non-repaired blocks or repaired blocks;

- some theoretical aspects and limitations in performing calculations for availability, failure frequency, and reliability measures; and

- the relationships with fault tree analysis (see IEC 61025) and Markov techniques (see IEC 61165).

Single copy price: $387.00

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

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

Reaffirmation

BSR N42.41-2007 (R201x), Standard Minimum Performance Criteria for Active Interrogation Systems Used for Homeland Security (reaffirmation of ANSI N42.41-2007)

The purpose of this standard is to specify the minimum performance criteria for active interrogation systems to be considered for use in homeland security applications.

Single copy price: N/A

Order from: Susan Vogel, 732-562-3817, s.vogel@ieee.org

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

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

Reaffirmation

BSR N42.46-2008 (R201x), Standard for Determination of the Imaging Performance of X-Ray and Gamma-Ray Systems for Cargo and Vehicle Security Screening (reaffirmation of ANSI N42.46-2008)

This standard is used to determine the imaging performance of x-ray and gamma-ray systems utilized to inspect loaded or empty vehicles, including personal and commercial vehicles of any type; marine and air cargo containers of any size; railroad cars; and palletized or unpalletized cargo larger than 1m x 1m in cross-section.

Single copy price: N/A

Order from: Susan Vogel, 732-562-3817, s.vogel@ieee.org

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

NECA (National Electrical Contractors Association)

Revision

BSR/NECA 303-201X, Standard for Installing and Maintaining Closed-Circuit Television (CCTV) (revision of ANSI/NECA 303-2005)

This standard describes installation procedures for closed-circuit television system equipment installed for video surveillance and for protection of building interiors, building perimeter, and surrounding property. This publication applies to closed-circuit television (CCTV) systems and accessories as required for a complete and functional closed circuit television system for security and monitoring activities in non-hazardous locations both indoors and outdoors. It also covers periodic routine maintenance procedures for closed-circuit television systems.

Single copy price: $40.00

Obtain an electronic copy from: neis@necanet.org

Order from: neis@necanet.org

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

NSF (NSF International)

New Standard

BSR/NSF 391.1-201x, General Sustainability Assessment Criteria for Services and Service Providers (new standard)

This sustainability standard is intended to apply to all service providers in North America and Canada and their suppliers whether domestic or international. Service providers using products in the performance of contractual obligations shall use products that meet environmental standards cited by an agency's procurement guidelines or specified in the private contract. Products that are sold as part of the service delivery are intended to be covered under specific modules for their service sectors.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/download.php/39391/NSF_391i1r1%20draft%2009-8-2017.pdf

Order from: Kianda Franklin, (734) 827-3813, kfranklin@nsf.org

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

OPEI (Outdoor Power Equipment Institute)

Revision

BSR/OPEI B71.10-201x, National Standard for Off-Road Ground-Supported Outdoor Power Equipment - Gasoline Fuel Systems - Safety Specifications (revision of ANSI/OPEI B71.10-2013)

This standard describes safety specifications and test procedures applicable to the gasoline fuel systems for off-road ground-supported outdoor power equipment with spark ignition engines of less than one-liter displacement.

Single copy price: $180.00

Obtain an electronic copy from: gknott@opei.org

Order from: Greg Knott, (703) 549-7600, gknott@opei.org

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 132-201x, Standard for Safety for Safety Relief Valves for Anhydrous Ammonia and LP-Gas (revision of ANSI/UL 132-2016)

The following is being proposed: (1) Addition of requirements for field-installed accessories and assemblies.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: http://www.comm-2000.com

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Jeff Prusko, (847) 664-3416, jeffrey.prusko@ul.com

VC (ASC Z80) (The Vision Council)

New Standard

BSR Z80.37-201x, Slit-Lamp Microscopes (new standard)

This American National Standard, together with ISO 15004-1 and ANSI Z80.36, specifies requirements and test methods for slit-lamp microscopes to provide slit illumination and observation under magnification of the eye and its adnexa. This American National Standard is not applicable to microscope accessories, e.g., photographic equipment and lasers. This American National Standard takes precedence over ISO 15004-1 and ANSI Z80.36, if differences exist.

Single copy price: $75.00

Obtain an electronic copy from: ascz80@thevisioncouncil.org

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

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

VC (ASC Z80) (The Vision Council)

Revision

BSR Z80.31-201x, Ophthalmic Optics - Specifications for Ready-to-Wear Near-Vision Spectacles (revision of ANSI Z80.31-2012)

This Standard specifies minimum requirements for complete ready-to-wear near-vision spectacles with positive power available directly to the public without the prescription of a licensed professional. The revision expands applicability to readers with segments and power-variation readers, as well as readers with tints and plano power portions.

Single copy price: $50.00

Obtain an electronic copy from: ascz80@thevisioncouncil.org

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

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

WCMA (Window Covering Manufacturers Association)

Revision

BSR/WCMA A100.1-201x, Standard for Safety of Window Covering Products (revision of ANSI/WCMA A100.1-2014)

This Standard applies to all interior window covering products. Types of window covering products covered include, but are not limited to, cellular shades, horizontal blinds, pleated shades, roll-up-style blinds, roller shades, sheer shades, Roman style shades, traverse rods (including products that are used with traverse rods, e.g., curtains and drapes), panel tracks, and vertical blinds. These products can be manufactured and distributed as either stock or custom products.

Single copy price: $18.00

Obtain an electronic copy from: mtierney@kellencompany.com

Order from: Michael Tierney, (860) 944-4264, mtierney@kellencompany.com

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

Comment Deadline: November 21, 2017

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

ANS (American Nuclear Society)

Revision

BSR/ANS 8.24-201x, Validation of Neutron Transport Methods for Nuclear Criticality Safety Calculations (revision of ANSI/ANS 8.24-2007 (R2012))

This standard provides requirements and guidelines for validation, including establishing applicability, of neutron transport calculational methods used in determining critical or subcritical conditions for nuclear criticality safety analyses.

Single copy price: $121.00

Order from: scook@ans.org

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

ASME (American Society of Mechanical Engineers)

New Standard

BSR/ASME SRB-1-201x, Design, Installation, Maintenance and Application of Ball Slewing Ring Bearings (new standard)

This standard applies to the design, manufacture, application, inspection requirements, installation, and maintenance of slewing ring bearings, also known as slewing rings. Such bearings are used in, but not limited to, equipment such as hydraulic shovels, excavators, manlifts and aerial platforms, cranes, wind power generators and other equipment where one part of the structure must rotate with respect to another.

Single copy price: Free

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

Order from: Mayra Santiago, ASME; ansibox@asme.org

Send comments (with copy to psa@ansi.org) to: Angel Guzman, (212) 591 -8018, guzman@asme.org

Notice of Withdrawn ANS by an ANSI-Accredited Standards Developer

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

ASTM (ASTM International)

ANSI/ASTM E1714-2007 (R2013), Guide for Properties of a Universal Healthcare Identifier (UHID)

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

ASTM (ASTM International)

ANSI/ASTM E1959-2006 (R2011), Guide for Requests for Proposals Regarding Medical Transcription Services for Healthcare Institutions

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

ASTM (ASTM International)

ANSI/ASTM E2117-2006 (R2011), Guide for Identification and Establishment of a Quality Assurance Program for Medical Transcription

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

ASTM (ASTM International)

ANSI/ASTM E2210-2012, Specification for Guideline Elements Model Version 2 (GEM II) Document Model for Clinical Practice Guidelines

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

ASTM (ASTM International)

ANSI/ASTM E2344-2004 (R2011), Guide for Data Capture through the Dictation Process

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

ASTM (ASTM International)

ANSI/ASTM E2364-2004 (R2010), Guide to Speech Recognition Technology Products in Health Care

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

ASTM (ASTM International)

ANSI/ASTM E2369-2012, Specification for the Continuity of Care Record (CCR)

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

ASTM (ASTM International)

ANSI/ASTM E2457-2007 (R2013), Terminology for Healthcare Informatics

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

ASTM (ASTM International)

ANSI/ASTM E2473-2006 (R2011), Practice for the Occupational/Environmental Health View of the Electronic Health Record

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

ASTM (ASTM International)

ANSI/ASTM E2502-2006 (R2011), Guide for Medical Transcription Workstations

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

ASTM (ASTM International)

ANSI/ASTM E2522-2007 (R2013), Guide for Quality Indicators for Health Classifications

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

ASTM (ASTM International)

ANSI/ASTM E2538-2007 (R2011), Practice for Defining and Implementing Pharmacotherapy Information Services Within the Electronic Health Record (EHR) Environment and Networked Architectures

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

ASTM (ASTM International)

ANSI/ASTM E2553-2007 (R2013), Guide for Implementation of a Voluntary Universal Healthcare Identification System

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

ASTM (ASTM International)

ANSI/ASTM E2559-2008 (R2014), Portable Document Format in Healthcare, A Best Practices Guide

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

ASTM (ASTM International)

ANSI/ASTM E2682-2009 (R2014), Guide for Developing a Disaster Recovery Plan for Medical Transcription Departments and Businesses

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

Call for Members (ANS Consensus Bodies)

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

AAMI (Association for the Advancement of Medical Instrumentation)

Office: 4301 N Fairfax Drive
Suite 301
Arlington, VA 22203-1633

Contact: *Jennifer Moyer*

Phone: (703) 253-8274

Fax: (703) 276-0793

E-mail: jmoyer@aami.org

BSR/AAMI/ISO 11737-2-201x, Sterilization of medical devices - Microbiological methods - Part 2: Tests of sterility performed in the definition, validation and maintenance of a sterilization process (identical national adoption of ISO 11737-2 (under development) and revision of ANSI/AAMI/ISO 11737-2-2009 (R2014))

AMCA (Air Movement and Control Association)

Office: 30 West University Drive
Arlington Heights, IL 60004-1893

Contact: *Erin Moore*

Phone: (847) 704-6285

E-mail: emoore@amca.org

BSR/AMCA 208-201x, Calculation of Fan Energy Index (new standard)

APPA (APPA - Leadership in Educational Facilities)

Office: 1643 Prince Street
Alexandria, VA 22314

Contact: *Billie Zidek*

Phone: (703) 542-3846

Fax: (703) 542-3798

E-mail: billie@appa.org

BSR/APPA 1000-2-201x, Total Cost of Ownership (TCO) for Facilities Asset Management - Part 2: Implementation and Data Elements (new standard)

BHMA (Builders Hardware Manufacturers Association)

Office: 355 Lexington Avenue
15th Floor
New York, NY 10017

Contact: *Emily Brochstein*

Phone: (212) 297-2126

Fax: (212) 370-9047

E-mail: ebrochstein@kellencompany.com

BSR/BHMA A156.20-201x, Strap and Tee Hinges, and Hasps (revision of ANSI/BHMA A156.20-2012)

BSR/BHMA A156.23-201x, Electromagnetic Locks (revision of ANSI/BHMA A156.23-2010)

BSR/BHMA A156.26-201x, Continuous Hinges (revision of ANSI BHMA A156.26-2012)

BSR/BHMA A156.29-201x, Exit Locks, Exit Alarms, Alarms for Exit Devices (revision of ANSI/BHMA A156.29-2012)

BSR/BHMA A156.41-201x, BHMA A156.41 Door Hardware Single Motion To Egress (new standard)

ECIA (Electronic Components Industry Association)

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

Contact: *Laura Donohoe*

Phone: (571) 323-0294

Fax: (571) 323-0245

E-mail: ldonohoe@ecianow.org

BSR/EIA 61078-201x, Reliability Block Diagrams (identical national adoption of IEC 61078:2016)

HI (Hydraulic Institute)

Office: 6 Campus Drive
Parsippany, NJ 07054

Contact: *Denielle Giordano*

Phone: (973) 267-9700 x115

E-mail: dgiordano@pumps.org

BSR/HI 9.6.2-201x, Rotodynamic Pumps for Assessment of Applied Nozzle Loads (addenda to)

NECA (National Electrical Contractors Association)

Office: 3 Bethesda Metro Center
Suite 1100
Bethesda, MD 20814

Contact: *Agnieszka Golriz*

Phone: (301) 215-4549

E-mail: Aga.golriz@necanet.org

BSR/NECA 303-201X, Standard for Installing and Maintaining Closed-Circuit Television (CCTV) (revision of ANSI/NECA 303-2005)

NSF (NSF International)

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

Contact: *Jessica Evans*

Phone: (734) 913-5774

E-mail: jevans@nsf.org

BSR/NSF 50-201x (i116r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)

BSR/NSF 350-201x (i18r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-201x (i18r1))

BSR/NSF 391.1-201x, General Sustainability Assessment Criteria for Services and Service Providers (new standard)

UL (Underwriters Laboratories, Inc.)

Office: 12 Laboratory Dr.
Research Triangle Park, NC 27709

Contact: *Wilbert Fletcher*

Phone: (919) 549-1337

E-mail: Wilbert.Fletcher@ul.com

BSR/UL 1559-201x, Insect-Control Equipment - Electrocution Type (Proposal dated December 30, 2016) (revision of ANSI/UL 1559 -2011b)

Call for Members (ANS Consensus Bodies)

UL (Underwriters Laboratories, Inc.)
Office: 12 Laboratory Drive
Research Triangle Park, NC 27709
Contact: Julio Morales
Phone: (919) 549-1097
E-mail: Julio.Morales@ul.com

UL STP 1030, Sheathed Heating Elements

Standards Technical Panel for Sheathed Heating Elements (STP 1030)
Covers UL 1030, Sheathed Heating Elements

Interests Needed:
Commercial / Industrial Users, Government, Supply Chain, Testing & Standards Org

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.

ADA (American Dental Association)

New National Adoption

ANSI/ADA Specification No. 32-2017, Orthodontic Wires (identical national adoption of ISO 15841:2014 and revision of ANSI/ADA Specification No. 32-2006 (R2010)): 9/12/2017

ANS (American Nuclear Society)

Reaffirmation

ANSI/ANS 2.26-2004 (R2017), Categorization of Nuclear Facility Structures, Systems, and Components for Seismic Design (reaffirmation of ANSI/ANS 2.26-2004 (R2010)): 9/12/2017

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

Revision

ANSI/APCO 3.101.3-2017, Core Competencies and Minimum Training Standards for Public Safety Communications Training Officer (CTO) (revision and redesignation of ANSI/APCO 3.101.2-2013): 9/12/2017

ANSI/APCO 3.102.2-2017, Core Competencies and Minimum Training Standards for Public Safety Communications Supervisors (revision and redesignation of ANSI/APCO 3.102.1-2012): 9/12/2017

ANSI/APCO 3.106.2-2017, Core Competencies and Minimum Training Standards for Public Safety Communications Quality Assurance Evaluators (revision and redesignation of ANSI/APCO 3.106.1 -2013): 9/12/2017

ASABE (American Society of Agricultural and Biological Engineers)

New National Adoption

ANSI/ASABE AD5673-1-2017, Agricultural tractors and machinery - Power take-off drive shafts and power-input connection - Part 1: General manufacturing and safety requirements (national adoption of ISO 5673-1:2005 with modifications and revision of ANSI/ASABE AD5673-1:2005 SEP2014): 9/12/2017

Revision

ANSI/ASABE S639.1-SEP2017, Safety Standard for Large Row-Crop Flail Mowers (revision and redesignation of ANSI/ASABE S639-JUN -2016): 9/12/2017

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

Addenda

ANSI/ASHRAE/ICC/USGBC/IES 189.1as-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014): 9/12/2017

ASME (American Society of Mechanical Engineers)

Reaffirmation

ANSI/ASME B31G-2012 (R2017), Manual for Determining the Remaining Strength of Corroded Pipelines: A Supplement to B31, Code for Pressure Piping (reaffirmation of ANSI/ASME B31G-2012): 9/12/2017

B11 (B11 Standards, Inc.)

Revision

ANSI B11.20-2017, Safety Requirements for Integrated Manufacturing Systems (revision of ANSI B11.20-2004 (R2015)): 9/12/2017

BOMA (Building Owners and Managers Association)

Revision

* ANSI/BOMA Z65.1-2017, Office Buildings: Standard Methods of Measurement (revision of ANSI/BOMA Z65.1-2010): 9/12/2017

CTA (Consumer Technology Association)

New Standard

* ANSI/CTA/NSF 2052.2-2017, Methodology of Measurements for Features in Sleep Tracking Consumer Technology Devices and Applications (new standard): 9/15/2017

Stabilized Maintenance

* ANSI/CTA 709.2-A-2000 (S2017), Control Network Power Line (PL) Channel Specification (stabilized maintenance of ANSI/CTA 709.2-A -2000 (R2012)): 9/15/2017

ESTA (Entertainment Services and Technology Association)

Reaffirmation

ANSI E1.32-2012 (R2017), Guide for the Inspection of Entertainment Industry Incandescent Lamp Luminaires (reaffirmation of ANSI E1.32-2012): 9/15/2017

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

Revision

* ANSI/ASSE 1062-2017, Performance Requirements for Temperature Actuated, Flow Reduction (TAFR) Valves for Individual Supply Fittings (revision of ANSI/ASSE 1062-2006): 9/15/2017

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

Supplement

ANSI/IEEE C63.4a-2017, Draft Standard for the Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz: Amendment 1: Amendment to Annex D of ANSI C63.4-2014 on Test Site Validation (supplement to ANSI/IEEE C63.4-2014): 9/15/2017

NPES (ASC B65) (Association for Suppliers of Printing, Publishing and Converting Technologies)

Revision

ANSI/NAPIM 177.1-2017, Safety Standard - Three-roll printing ink mills (revision of ANSI/NAPIM 177.1-2007 (R2011)): 9/15/2017

ANSI/NAPIM 177.2-2017, Safety standard - Printing ink vertical post mixers (revision of ANSI/NAPIM 177.2-2006 (R2011)): 9/15/2017

NPES (ASC CGATS) (Association for Suppliers of Printing, Publishing and Converting Technologies)

Revision

ANSI IT8.6-2017, Graphic technology - Prepress digital data exchange - Diecutting data (DDES3) (revision of ANSI IT8.6-2002 (R2013)): 9/15/2017

RESNET (Residential Energy Services Network, Inc.)

Addenda

* ANSI/RESNET/ICC 380-2016 Addendum A-2017, Standard for Testing Airtightness of Building Enclosures, Airtightness of Heating and Cooling Air Distribution Systems, and Airflow of Mechanical Ventilation Systems - Addedum A: Attics & Crawlspaces (addenda to ANSI/RESNET/ICC 380-2016): 9/12/2017

SCTE (Society of Cable Telecommunications Engineers)

Revision

ANSI/SCTE 104-2017, Automation System to Compression System Communications Applications Program Interface (API) (revision of ANSI/SCTE 104-2015): 9/12/2017

ANSI/SCTE 146-2017, Outdoor F Female to F Female Inline Splice (revision of ANSI/SCTE 146-2008): 9/12/2017

ANSI/SCTE 172-2017, Constraints on AVC and HEVC Structured Video Coding for Digital Program Insertion (revision of ANSI/SCTE 172-2011): 9/12/2017

UL (Underwriters Laboratories, Inc.)

Revision

ANSI/UL 252-2017, Standard for Safety for Compressed Gas Regulators (revision of ANSI/UL 252-2015): 9/14/2017

ANSI/UL 1017-2017, Standard for Safety for Vacuum Cleaners, Blower Cleaners, and Household Floor Finishing Machines (revision of ANSI/UL 1017-2015): 9/15/2017

ANSI/UL 1278-2017, Standard for Safety for Electric Baseboard Heating Equipment (revision of ANSI/UL 1278-2016): 9/14/2017

* ANSI/UL 1278-2017a, Standard for Safety for Movable and Wall- or Ceiling-Hung Electric Room Heaters (revision of ANSI/UL 1278 -2016): 9/14/2017

ANSI/UL 1703-2017, Standard for Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 1703-2016): 9/13/2017

ANSI/UL 121201-2017, Standard for Safety for Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations (Proposal dated 06-09-17) (revision and redesignation of ANSI/ISA 12.12.01-2015 / CAN/CSA C22.2 No. 213): 9/15/2017

Correction

Incorrect Standards Designation

ANSI/BPI-1200-S-2017

In the Final Actions section of the August 4, 2017 issue of Standards Action, ANSI/BPI-1200-S-2017 was mistakenly listed as ANSI/BPI -1200-T-2017. The correct designation is ANSI/BPI-1200-S-2017.

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. To view information about additional standards for which a PINS has been submitted and to search approved ANS, please visit www.NSSN.org, which is a database of standards information. Note that this database is not exhaustive.

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

AAMI (Association for the Advancement of Medical Instrumentation)

Office: 4301 N Fairfax Drive
Suite 301
Arlington, VA 22203-1633

Contact: *Jennifer Moyer*

Fax: (703) 276-0793

E-mail: jmoyer@aami.org

BSR/AAMI/ISO 11737-2-201x, Sterilization of medical devices - Microbiological methods - Part 2: Tests of sterility performed in the definition, validation and maintenance of a sterilization process (identical national adoption of ISO 11737-2 (under development) and revision of ANSI/AAMI/ISO 11737-2-2009 (R2014))

Stakeholders: Manufacturers, regulators, test houses.

Project Need: Provides requirements on sterility tests when manufacturers need to define, validate, or maintain a sterilization process.

Specifies the general criteria for tests of sterility on medical devices that have been exposed to a treatment with the sterilizing agent reduced relative to that anticipated to be used in routine sterilization processing. These tests are intended to be performed when defining, validating, or maintaining a sterilization process.

APPA (APPA - Leadership in Educational Facilities)

Office: 1643 Prince Street
Alexandria, VA 22314

Contact: *Billie Zidek*

Fax: (703) 542-3798

E-mail: billie@appa.org

BSR/APPA 1000-2-201x, Total Cost of Ownership (TCO) for Facilities Asset Management - Part 2: Implementation and Data Elements (new standard)

Stakeholders: Owners of buildings, facilities, infrastructure, general site, property, and architecture; building design and planning; construction; building/facilities management; operations and maintenance; energy management; users of assets; capital needs planners; lending organizations; and insurance companies.

Project Need: Establish a common framework for owners of facilities assets to identify and more effectively track and manage costs of a facility, building, or supporting infrastructure or assets over the full life cycle, by utilizing the implementation guidelines and data elements identified for TCO in conjunction with identified key principles. The common framework will assist in forecasting and utilizing a standard data set, for purposes of maintaining a financially sustainable future for all asset investments.

This part of the standard will build on the principles defined in Part 1 to define and describe implementation guidelines, formulas, and data elements to successfully manage a facility capital asset or assets. The standard can be applied to all types of facilities assets. It can be implemented on new and existing projects comprehensively or on single-product selection decisions. The earlier in the facility life cycle TCO is implemented, the more effective it will be.

ASME (American Society of Mechanical Engineers)

Office: Two Park Avenue
New York, NY 10016

Contact: *Mayra Santiago*

Fax: (212) 591-8501

E-mail: ansibox@asme.org

BSR/ASME B1.25-20XX , Measurement of Uncertainty Factors in the Calibration of Screw Thread Gages (new standard)

Stakeholders: Manufacturers, purchasers, and users of screw thread gages.

Project Need: The increasing demand for regular calibration of equipment used to ensure dimensional conformity in manufacturing has created corresponding growth in the number of calibration facilities to meet it. This, in turn, has brought more stringent requirements for those doing such work including one that requires a statement of measurement uncertainty applicable for each measurement reported.

This document notes technical factors that can explain measurement differences between two parties calibrating the same gage. It is directed to the metrology involved, not acceptance rules or other quality considerations.

ASTM (ASTM International)

Office: 100 Barr Harbor Drive
West Conshohocken, PA 19428-2959

Contact: *Corice Leonard*

Fax: (610) 834-3683

E-mail: accreditation@astm.org

BSR/ASTM E207-201x, Standard Test Method for Thermal EMF Test of Single Thermoelement Materials by Comparison with a Reference Thermoelement of Similar EMF-Temperature Properties (new standard)

Stakeholders: Thermocouples - Calibration industry.

Project Need: This test method covers a test for determining the thermoelectric emf of a thermoelement versus NIST platinum 67 (Pt -67) by means of measuring the difference between the emf of the test thermoelement and the emf of a reference thermoelement (previously referred to as a secondary standard), which has a known relationship to NIST Pt-67.

https://compass.astm.org/EDIT/html_annot.cgi?E207+08(2015)e1#s00001

BSR/ASTM E220-201x, Standard Test Method for Calibration of Thermocouples by Comparison Techniques (new standard)

Stakeholders: Thermocouples - Calibration industry.

Project Need: This test method describes the principles, apparatus, and procedure for calibrating thermocouples by comparison with a reference thermometer. Calibrations are covered over temperature ranges appropriate to the individual types of thermocouples within an overall range from approximately -195 to 1700°C (-320 to 3100°F).

https://compass.astm.org/EDIT/html_annot.cgi?E220+13#s00001

BSR/ASTM E235-201x, Standard Specification for Type K and Type N Mineral-Insulated, Metal-Sheathed Thermocouples for Nuclear or for Other High-Reliability Applications (new standard)

Stakeholders: Thermocouples - Specifications industry.

Project Need: This specification covers the requirements for simplex, compacted mineral-insulated, metal-sheathed (MIMS), Type K and N thermocouples for nuclear or other high-reliability service. Depending on size, these thermocouples are normally suitable for operating temperatures to 1652°F [900°C]; special conditions of environment and life expectancy may permit their use at temperatures in excess of 2012°F [1100°C].

https://compass.astm.org/EDIT/html_annot.cgi?E235+12

BSR/ASTM E452-201x, Standard Test Method for Calibration of Refractory Metal Thermocouples Using a Radiation Thermometer (new standard)

Stakeholders: Thermocouples - Calibration industry.

Project Need: This test method covers the calibration of refractory metal thermocouples using a radiation thermometer as the standard instrument. This test method is intended for use with types of thermocouples that cannot be exposed to an oxidizing atmosphere. These procedures are appropriate for thermocouple calibrations at temperatures above 800°C (1472°F).

https://compass.astm.org/EDIT/html_annot.cgi?E452+02\(2013\)#s00001

BSR/ASTM E574-201x, Standard Specification for Duplex, Base Metal Thermocouple Wire with Glass Fiber or Silica Fiber Insulation (new standard)

Stakeholders: Thermocouples - Specifications industry.

Project Need: This specification sets forth the requirements for duplex, types E, J, K, N, and T thermocouple wire, insulated with E-glass, S-glass, amorphous silica fiber, or polycrystalline fiber.

https://compass.astm.org/EDIT/html_annot.cgi?E574+13

BSR/ASTM E585-201x, Standard Specification for Compacted Mineral-Insulated, Metal-Sheathed, Base Metal Thermocouple Cable (new standard)

Stakeholders: Thermocouples - Specifications industry.

Project Need: This specification establishes requirements for compacted, mineral-insulated, metal-sheathed, base metal thermocouple cable with at least two thermoelements.

https://compass.astm.org/EDIT/html_annot.cgi?E585+12

BSR/ASTM E601-201x, Standard Guide for Measuring Electromotive Force (emf) Stability of Base-Metal Thermoelement Materials with Time in Air (new standard)

Stakeholders: Thermocouples - Calibration industry.

Project Need: This guide provides a method for measuring the emf stability of base-metal thermoelement materials in air referenced to platinum at specified constant elevated temperatures using dual, simultaneous, emf indicators, or using a single emf indicator, with the test and reference emf measured alternately. This test is conducted over a period of weeks.

https://compass.astm.org/EDIT/html_annot.cgi?E601+15#s00001

BSR/ASTM E608-201x, Standard Specification for Mineral-Insulated, Metal-Sheathed Base Metal Thermocouples (new standard)

Stakeholders: Thermocouples - Specifications industry.

Project Need: This specification covers the requirements for mineral-insulated, metal-sheathed base-metal thermocouples for industrial or high-reliability applications. It applies specifically to thermocouples fabricated from sheathed thermocouple material in accordance with Specification E585/E585M. The specification provides for the selection of thermoelements, insulation, sheath material, measuring junction configuration, thermocouple assembly length, and the type of transition or termination.

https://compass.astm.org/EDIT/html_annot.cgi?E608+13

BSR/ASTM E696-201x, Standard Specification for Tungsten-Rhenium Alloy Thermocouple Wire (new standard)

Stakeholders: Thermocouples - Materials and Accessories Specifications industry.

Project Need: This specification covers the requirements for bare, solid-conductor, tungsten and rhenium alloy thermoelements having diameters of 0.127 mm (0.005 in.) to 0.508 mm (0.020 in.) supplied in matched pairs. These thermoelements shall be suitable for use either in bead-insulated, bare-wire thermocouples, or in compacted metal-sheathed, ceramic-insulated thermocouple material or assemblies.

https://compass.astm.org/EDIT/html_annot.cgi?E696+07\(2013\)

BSR/ASTM E780-201x, Standard Test Method for Measuring the Insulation Resistance of Mineral-Insulated, Metal-Sheathed Thermocouples and Mineral-Insulated, Metal-Sheathed Cable at Room Temperature (new standard)

Stakeholders: Thermocouples - Testing industry.

Project Need: This test method provides the procedures for measuring the room temperature electrical insulation resistance between the thermoelements and between the thermoelements and the sheath, of a mineral-insulated, metal-sheathed (MIMS) thermocouple or mineral-insulated, metal-sheathed (MIMS) thermocouple cable or between the conductors and between the conductors and the sheath, of mineral-insulated, metal-sheathed (MIMS) cable used for industrial resistance thermometers.

https://compass.astm.org/EDIT/html_annot.cgi?E780+17#s00001

BSR/ASTM E839-201x, Standard Test Methods for Sheathed Thermocouples and Sheathed Thermocouple Cable (new standard)

Stakeholders: Thermocouples - Testing industry.

Project Need: This document lists methods for testing Mineral-Insulated, Metal-Sheathed (MIMS) thermocouple assemblies and thermocouple cable, but does not require that any of these tests be performed nor does it state criteria for acceptance. The acceptance criteria are given in other ASTM standard specifications that impose this testing for those thermocouples and cable. Examples from ASTM thermocouple specifications for acceptance criteria are given for many of the tests.

https://compass.astm.org/EDIT/html_annot.cgi?E839+11\(2016\)e1

BSR/ASTM E1129-201x, Standard Specification for Thermocouple Connectors (new standard)

Stakeholders: Thermocouples - Materials and Accessories Specifications industry.

Project Need: This specification covers separable single-circuit thermocouple connectors with two round pins. Connectors covered by this specification must be rated for continuous use to at least 300°F (150°C), but they may optionally be rated to a higher temperature.

https://compass.astm.org/EDIT/html_annot.cgi?E1129+15

BSR/ASTM E1159-201x, Standard Specification for Thermocouple Materials, Platinum-Rhodium Alloys, and Platinum (new standard)

Stakeholders: Thermocouples - Materials and Accessories Specifications industry.

Project Need: This specification covers non-insulated platinum-rhodium alloys (weight percent composition), and platinum thermoelements that meet the requirement of Specification E230 and NIST Monograph 175.

https://compass.astm.org/EDIT/html_annot.cgi?E1159+15#s00001

BSR/ASTM E1350-201x, Standard Guide for Testing Sheathed Thermocouples, Thermocouples Assemblies, and Connecting Wires prior to and after Installation or Service (new standard)

Stakeholders: Thermocouples - Testing industry.

Project Need: This guide covers methods for users to test metal-sheathed thermocouple assemblies, including the extension wires just prior to and after installation or some period of service.

https://compass.astm.org/EDIT/html_annot.cgi?E1350+13

BSR/ASTM E1652-201x, Standard Specification for Magnesium Oxide and Aluminum Oxide Powder and Crushable Insulators Used in the Manufacture of Base Metal Thermocouples, Metal-Sheathed Platinum Resistance Thermometers, and Noble Metal Thermocouples (new standard)

Stakeholders: Thermocouples - Materials and Accessories Specifications industry.

Project Need: This specification covers the requirements for magnesium oxide (MgO) and aluminum oxide (Al2O3) powders and crushable insulators used to manufacture base metal thermocouples, metal-sheathed platinum resistance thermometers (PRTs), noble metal thermocouples, and their respective cables.

https://compass.astm.org/EDIT/html_annot.cgi?E1652+15

BSR/ASTM E1684-201x, Standard Specification for Miniature Thermocouple Connectors (new standard)

Stakeholders: Thermocouples - Materials and Accessories Specifications industry.

Project Need: This specification covers separable single-circuit miniature thermocouple connectors with two flat pins. Connectors covered by this specification must be rated for continuous use to at least 300°F (150°C), but they may optionally be rated to a higher temperature.

https://compass.astm.org/EDIT/html_annot.cgi?E1684+15#s00001

BSR/ASTM E1751-201x, Standard Guide for Temperature Electromotive Force (emf) Tables for Non-Letter-Designated Thermocouple Combinations (new standard)

Stakeholders: Thermocouples - Calibration industry.

Project Need: This guide consists of reference tables that give temperature-electromotive force (emf) relationships for special purpose, limited use, thermocouple combinations that do not have a letter designation.

https://compass.astm.org/EDIT/html_annot.cgi?E1751+15

BSR/ASTM E2181-201x, Standard Specification for Compacted Mineral-Insulated, Metal-Sheathed, Noble Metal Thermocouples and Thermocouple Cable (new standard)

Stakeholders: Thermocouples - Specifications industry.

Project Need: This specification establishes dimensional, and material requirements for compacted, mineral-insulated, metal-sheathed (MIMS), Type S (platinum-10% rhodium versus platinum), Type R (platinum-13% rhodium versus platinum), and Type B (platinum-30% rhodium versus platinum-6% rhodium) noble metal thermocouples. This specification also establishes dimensional and material requirements for compacted MIMS cable with at least one noble metal thermoelement pair.

https://compass.astm.org/EDIT/html_annot.cgi?E2181+11

BSR/ASTM E2730-201x, Standard Practice for Calibration and Use of Thermocouple Reference Junction Probes in Evaluation of Electronic Reference Junction Compensation Circuits (new standard)

Stakeholders: Thermocouples - Testing industry.

Project Need: This guide covers methods of calibration and use of thermocouple reference junction probes (cold junction compensation probes) in the evaluation of electronic reference junction compensation circuits. Their use with instruments that measure only voltage is also covered.

https://compass.astm.org/EDIT/html_annot.cgi?E2730+10\(2015\)e2

BSR/ASTM E2820-201x, Standard Test Method for Evaluating Thermal EMF Properties of Base-Metal Thermocouple Connectors (new standard)

Stakeholders: Thermocouples - Materials and Accessories Specifications industry.

Project Need: This standard describes a thermal emf test method for base-metal thermocouple connectors including Types E, J, K, N, and T. Standard connectors such as found in Specifications E1129/E1129M and E1684 as well as non-standard connector configurations and connector components can be evaluated using this method.

https://compass.astm.org/EDIT/html_annot.cgi?E2820+13#s00001

BSR/ASTM E2846-201x, Standard Guide for Thermocouple Verification (new standard)

Stakeholders: Thermocouples - Testing industry.

Project Need: This guide describes tests that may be applied to new or previously used thermocouples for the purpose of verification. Some of the tests perform a suitable verification by themselves, but many tests merely alert the user to serious problems if the thermocouple fails the test. Some of the tests examine inhomogeneity and others detect wire or measuring-junction breakage.

https://compass.astm.org/EDIT/html_annot.cgi?E2846+14

EOS/ESD (ESD Association, Inc.)

Office: 7900 Turin Rd., Bldg. 3
Rome, NY 13440

Contact: *Christina Earl*

Fax: (315) 339-6793

E-mail: cearl@esda.org

BSR/ESD SP5.3.3-201x, ESD Association Standard Practice for Electrostatic Discharge Sensitivity Testing - Charged Device Model (CDM) Testing - Component Level - Low-Impedance Contact CDM as an Alternative CDM Characterization Method (new standard)

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

Project Need: The purpose of this document is to define a low-impedance contact-based test method for charged device model (CDM) characterization.

This document establishes the procedure for testing devices and microcircuits according to their susceptibility (sensitivity) to damage or degradation by exposure to a defined contact CDM electrostatic discharge (ESD). All packaged semiconductor devices, thin film circuits, surface acoustic wave (SAW) devices, optoelectronic devices, hybrid integrated circuits (HICs), and multi-chip modules (MCMs) containing any of these devices can be characterized according to this document.

HI (Hydraulic Institute)

Office: 6 Campus Drive
Parsippany, NJ 07054

Contact: *Denielle Giordano*

E-mail: dgiordano@pumps.org

BSR/HI 9.6.2-201x, Rotodynamic Pumps for Assessment of Applied Nozzle Loads (addenda to ANSI/HI 9.6.2-2015)

Stakeholders: Pump manufacturers, specifiers, purchasers, and users.

Project Need: Issue an Addenda to the existing ANSI/HI 9.6.2-2015 Standard.

The Nozzle Loads Committee will include recommendations for assessment of applied nozzle loads for the following pump types: horizontal end-suction single-stage, vertical in-line single-stage, axial split-case single- and two-stage, and vertical turbine short-set pumps.

ICC (International Code Council)

Office: 4051 West Flossmoor Road
Country Club Hills, IL 60478-5795

Contact: *Edward Wirtschoreck*

Fax: (708) 799-0320

E-mail: ewirtschoreck@iccsafe.org

BSR/ICC 500-201x, ICC/NSSA Standard for the Design and Construction of Storm Shelters (revision of ANSI/ICC 500-2014)

Stakeholders: Design professionals; manufacturers and constructors; emergency management personnel; and building, fire, and other government officials.

Project Need: To update the standard to be consistent with current industry practices.

The objective of this Standard is to provide technical design and performance criteria that will facilitate and promote the design, construction, and installation of safe, reliable, and economical storm shelters to protect the public. It is intended that this Standard be used by design professionals; storm shelter designers, manufacturers, and constructors; building officials; emergency management personnel[and government officials to ensure that storm shelters provide a consistently high level of protection to the sheltered public.

BSR/ICC 600-201x, Standard for Residential Construction in High-Wind Regions (revision of ANSI/ICC 600-2013)

Stakeholders: Design professionals; manufacturers and constructors; and building, fire and other government officials.

Project Need: To update the standard to be consistent with current industry practices.

The Standard for Residential Construction in High-Wind Regions will specify prescriptive methodologies of wind-resistant design and construction details for buildings and other structures of wood-framed, steel-framed, concrete, or masonry construction sited in high-wind areas. This standard will provide prescriptive details for walls, floors, roofs, foundations, windows, doors, and other applicable components of construction.

* BSR/ICC 802-201x, Landscape Irrigation Sprinkler and Emitter Standard (revision and redesignation of ANSI/ASABE/ICC 802 -2014)

Stakeholders: Consumers, landscapers, irrigation system designers, irrigation system installers, environmental, water utilities and providers, golf courses, product manufacturers.

Project Need: To update the standard to be consistent with current industry practices.

This standard applies to sprinklers, bubblers, drip emitters, and other water emitters intended for use within turf and landscape irrigation systems.

ITSDF (Industrial Truck Standards Development Foundation, Inc.)

Office: 1750 K Street NW
Suite 460
Washington, DC 20006

Contact: *Chris Merther*

Fax: (202) 296-9884

E-mail: itsdf@earthlink.net

BSR/ITSDF B56.11.1-2012 (R201x), Double Race or Bi-Level Swivel and Rigid Industrial Casters (reaffirmation of ANSI/ITSDF B56.11.1 -2012)

Stakeholders: Users and manufacturers of LPG powered industrial trucks and manufacturers of industrial casters.

Project Need: Requirements are current.

This standard establishes dimensional standards and load capacity criteria for double race or bi-level swivel and rigid industrial casters in order to provide for the overall interchangeability of a complete caster.

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)**
- **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.

AAMI
Association for the Advancement of Medical Instrumentation

4301 N Fairfax Drive
Suite 301
Arlington, VA 22203-1633
Phone: (703) 253-8274
Fax: (703) 276-0793
Web: www.aami.org

ADA (Organization)
American Dental Association

211 East Chicago Avenue
Chicago, IL 60611-2678
Phone: (312) 587-4129
Fax: (312) 440-2529
Web: www.ada.org

AGA (ASC Z380)
American Gas Association

400 North Capitol Street, NW
Washington, DC 20001
Phone: (202) 824-7183
Web: www.aga.org

AMCA
Air Movement and Control Association

30 West University Drive
Arlington Heights, IL 60004-1893
Phone: (847) 704-6285
Web: www.amca.org

ANS
American Nuclear Society

555 North Kensington Avenue
La Grange Park, IL 60526
Phone: (708) 579-8268
Fax: (708) 579-8248
Web: www.ans.org

APCO
Association of Public-Safety Communications Officials-International

351 N. Williamson Boulevard
Daytona Beach, FL 32114-1112
Phone: (386) 322-2500
Fax: (386) 944-2794
Web: www.apcoIntl.org

APPA
APPA - Leadership in Educational Facilities

1643 Prince Street
Alexandria, VA 22314
Phone: (703) 542-3846
Fax: (703) 542-3798
Web: www.appa.org

ASABE
American Society of Agricultural and Biological Engineers

2950 Niles Road
St Joseph, MI 49085
Phone: (269) 932-7015
Fax: (269) 429-3852
Web: www.asabe.org

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

1791 Tullie Circle, NE
Atlanta, GA 30329-2305
Phone: (678) 539-1125
Fax: (678) 539-1125
Web: www.ashrae.org

ASME
American Society of Mechanical Engineers

Two Park Avenue
New York, NY 10016
Phone: (212) 591-8521
Fax: (212) 591-8501
Web: www.asme.org

ASTM
ASTM International

100 Barr Harbor Drive
West Conshohocken, PA 19428-2959
Phone: (610) 832-9744
Fax: (610) 834-3683
Web: www.astm.org

AWWA
American Water Works Association

6666 W. Quincy Ave.
Denver, CO 80235
Phone: (303) 347-6178
Fax: (303) 795-7603
Web: www.awwa.org

B11
B11 Standards, Inc.

PO Box 690905
Houston, TX 77269-0905
Phone: (832) 446-6999

BHMA
Builders Hardware Manufacturers Association

355 Lexington Avenue
15th Floor
New York, NY 10017
Phone: (212) 297-2126
Fax: (212) 370-9047
Web: www.buildershardware.com

BOMA
Building Owners and Managers Association

1101 15th Street, NW
Washington, DC 20005
Phone: (202) 326-6357
Web: www.boma.org

CSA
CSA Group

8501 East Pleasant Valley Rd.
Cleveland, OH 44131
Phone: (216) 524-4990 x88321
Fax: (216) 520-8979
Web: www.csa-america.org

CTA
Consumer Technology Association

1919 South Eads Street
Arlington, VA 22202
Phone: (703) 907-7697
Fax: (703) 907-4197
Web: www.cta.tech

ECIA
Electronic Components Industry Association

2214 Rock Hill Road
Suite 265
Herndon, VA 20170-4212
Phone: (571) 323-0294
Fax: (571) 323-0245
Web: www.ecianow.org

EOS/ESD
ESD Association

7900 Turin Rd., Bldg. 3
Rome, NY 13440
Phone: (315) 339-6937
Fax: (315) 339-6793
Web: www.esda.org

ESTA
Entertainment Services and Technology Association

630 Ninth Avenue
Suite 609
New York, NY 10036-3748
Phone: (212) 244-1505
Fax: (212) 244-1502
Web: www.esta.org

HI
Hydraulic Institute

6 Campus Drive
Parsippany, NJ 07054
Phone: (973) 267-9700 x115
Web: www.pumps.org

IAPMO (ASSE Chapter)
ASSE International Chapter of IAPMO

18927 Hickory Creek Dr Suite 220
Mokena, IL 60448
Phone: (708) 995-3017
Fax: (708) 479-6139
Web: www.asse-plumbing.org

ICC
International Code Council

4051 West Flossmoor Road
Country Club Hills, IL 60478-5795
Phone: (888) 422-7233
Fax: (708) 799-0320
Web: www.iccsafe.org

IEEE (ASC C63)
Institute of Electrical and Electronics Engineers

445 Hoes Lane, PO Box 1331
Piscataway, NJ 08855-1331
Phone: 732-562-3817
Web: www.ieee.org

IEEE (ASC N42)
Institute of Electrical and Electronics Engineers

445 Hoes Lane
Piscataway, NJ 08855-1331
Phone: 732-562-3817
Web: standards.ieee.org

ITSDF
Industrial Truck Standards Development Foundation, Inc.

1750 K Street NW
Suite 460
Washington, DC 20006
Phone: (202) 296-9880
Fax: (202) 296-9884
Web: www.indtrk.org

NECA
National Electrical Contractors Association

3 Bethesda Metro Center
Suite 1100
Bethesda, MD 20814
Phone: (301) 215-4549
Web: www.neca-neis.org

NPES (ASC CGATS)
NPES

1899 Preston White Drive
Reston, VA 20191
Phone: (703) 264-7200
Fax: (703) 620-0994
Web: www.npes.org

NSF
NSF International

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

OPEI
Outdoor Power Equipment Institute

341 South Patrick Street
Alexandria, VA 22314
Phone: (703) 549-7600
Fax: (703) 549-7604
Web: www.opei.org

RESNET
Residential Energy Services Network, Inc.

4867 Patina Court
Oceanside, CA 92057
Phone: (760) 408-5860
Fax: (760) 806-9449
Web: www.resnet.us.com

SCTE
Society of Cable Telecommunications Engineers

140 Philips Rd
Exton, PA 19341
Phone: (800) 542-5040
Fax: (800) 542-5040
Web: www.scte.org

UL
Underwriters Laboratories, Inc.

12 Laboratory Dr.
Research Triangle Park, NC 27709
Phone: (919) 549-1337
Web: www.ul.com

VC (ASC Z80)
The Vision Council of North America

225 Reinekers Lane
Alexandria, VA 22314
Phone: 585-387-9913
Web: www.z80asc.com

WCMA
Window Covering Manufacturers Association

17 Faulkner Drive
Niantic, CT 06357
Phone: (860) 944-4264
Web: www.wcmanet.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

ACOUSTICS (TC 43)

ISO/DIS 19488, Acoustics - Acoustic classification of dwellings - 10/7/2017, $67.00

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 5496/DAmd1, Sensory analysis - Methodology - Initiation and training of assessors in the detection and recognition of odours - Amendment 1 - 11/12/2015, $29.00

AIR QUALITY (TC 146)

ISO/DIS 28902-3, Air quality - Environmental meteorology - Part 3: Ground-based remote sensing of wind by continuous-wave doppler lidar - 12/7/2017, $77.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 20930, Space systems - Calibration requirements for satellite-based passive microwave sensors - 10/7/2017, $88.00

ISO/DIS 23041, Space systems - Unmanned spacecraft operational procedures - Documentation - 10/8/2017, $88.00

CORROSION OF METALS AND ALLOYS (TC 156)

ISO/DIS 21153, Corrosion of metals and alloys - Measurement of environmentally assisted small crack growth rate - 12/1/2017, $58.00

FLUID POWER SYSTEMS (TC 131)

ISO/DIS 14743, Pneumatic fluid power - Push-in connectors for thermoplastic tubes - 12/1/2017, $98.00

FREIGHT CONTAINERS (TC 104)

ISO 668/DAmd3, Series 1 freight containers - Classification, dimensions and ratings - Amendment 3 - 10/8/2017, $33.00

HEALTH INFORMATICS (TC 215)

ISO/DIS 13120, Health informatics - Syntax to represent the content of healthcare classification systems - Classification Markup Language (ClaML) - 10/9/2017, $125.00

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

ISO/DIS 19901-7, Petroleum and natural gas industries - Specific requirements for offshore structures - Part 7: Stationkeeping systems for floating offshore structures and mobile offshore units - 11/30/2017, $194.00

MEASUREMENT OF FLUID FLOW IN CLOSED CONDUITS (TC 30)

ISO/DIS 5167-6, Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full - Part 6: Wedge meters - 12/7/2017, $82.00

MINING (TC 82)

ISO/DIS 18758-1, Mining and earth-moving machinery - Rock drill rigs and rock reinforcement rigs - Part 1: Terminology - 10/8/2017, $77.00

ISO/DIS 18758-2, Mining and earth-moving machinery - Rock drill rigs and rock reinforcement rigs - Part 2: Safety requirements - 10/8/2017, $125.00

NUCLEAR ENERGY (TC 85)

ISO/DIS 18256-1, Nuclear fuel technology - Dissolution of plutonium dioxide-containing materials - Part 1: Dissolution of plutonium dioxide powders - 11/25/2017, $40.00

ISO/DIS 18256-2, Nuclear fuel technology - Dissolution of plutonium dioxide-containing materials - Part 2: Dissolution of MOX pellets and powders - 11/25/2017, $40.00

ROAD VEHICLES (TC 22)

ISO/DIS 21042, Gasoline engines with direct fuel injection (GDI engines) - Installation of the high pressure fuel pump to the engine - 10/8/2017, $40.00

ISO/DIS 19642-1, Road vehicles - Automotive cables - Part 1: Terminology and design guidelines - 11/30/2017, $62.00

ISO/DIS 19642-2, Road vehicles - Automotive cables - Part 2: Test methods - 11/30/2017, $119.00

ISO/DIS 19642-3, Road vehicles - Automotive cables - Part 3: Dimensions and requirements for 30 V a.c. or 60 V d.c. single core copper conductor cables - 11/30/2017, $62.00

ISO/DIS 19642-4, Road vehicles - Automotive cables - Part 4: Dimensions and requirements for 30 V a.c. and 60 V d.c. single core aluminium conductor cables - 11/30/2017, $62.00

ISO/DIS 19642-5, Road vehicles - Automotive cables - Part 5: Dimensions and requirements for 600 V a.c. or 900 V d.c., 1000 V a.c. or 1500 V d.c. single core copper conductor cables - 11/30/2017,$53.00

ISO/DIS 19642-6, Road vehicles - Automotive cables - Part 6: Dimensions and requirements for 600 V a.c. or 900 V d.c., 1000 V a.c. or 1500 V d.c. single core aluminium conductor cables - 11/30/2017, $58.00

ISO/DIS 19642-7, Road vehicles - Automotive cables - Part 7: Dimensions and requirements for 30 V a.c. or 60 V d.c. round, sheathed, screened and unscreened multi and single core copper conductor cables - 11/30/2017, $53.00

ISO/DIS 19642-8, Road vehicles - Automotive cables - Part 8: Dimensions and requirements for 30 V a.c. or 60 V d.c. round, sheathed, screened and unscreened multi and single core aluminium conductor cables - 11/30/2017, $53.00

ISO/DIS 19642-9, Road vehicles - Automotive cables - Part 9: Dimensions and requirements for 600 V a.c. or 900 V d.c., 1000 V a.c. or 1500 V d.c. round, sheathed, screened and unscreened multi and single core copper conductor cables - 11/30/2017, $53.00

ISO/DIS 19642-10, Road vehicles - Automotive cables - Part 10: Dimensions and requirements for 600 V a.c. or 900 V d.c., 1000 V a.c. or 1500 V d.c. round, sheathed, screened and unscreened multi and single core aluminium conductor cables - 11/30/2017, $53.00

ROBOTS AND ROBOTIC DEVICES (TC 299)

IEC/DIS 80601-2-78, Medical electrical equipment - Part 2-78: Particular requirements for the basic safety and essential performance of medical robots for rehabilitation, compensation or alleviation of disease, injury or disability, $102.00

SAFETY OF MACHINERY (TC 199)

ISO 19353/DAmd1, Safety of machinery - Fire prevention and fire protection - Amendment 1 - 12/8/2017, $93.00

SECURITY (TC 292)

ISO/DIS 22327, Security and resilience - Emergency management - Guidelines for implementation of a community-based landslide early warning system - 10/5/2017, $67.00

ISO/DIS 22381, Security and resilience - Guidelines for establishing interoperability among object identification systems to deter counterfeiting and illicit trade - 12/7/2017, $82.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 23048, Ships and marine technology - Verification method for portable power measurement using strain gauge - 12/8/2017, $53.00

SMALL CRAFT (TC 188)

ISO/DIS 12215-7, Small craft - Hull construction and scantlings - Part 7: Scantling determination of multihulls - 11/7/2003, $125.00

TECHNICAL DRAWINGS, PRODUCT DEFINITION AND RELATED DOCUMENTATION (TC 10)

ISO/DIS 21600, Technical product documentation (TPD) - General requirements of mechanical product digital manual - 12/4/2017, $82.00

TEXTILES (TC 38)

ISO/DIS 21046, Silk - Test method for size of silk yarns - 11/30/2017, $71.00

TOBACCO AND TOBACCO PRODUCTS (TC 126)

ISO/DIS 7210, Routine analytical cigarette-smoking machine - Additional test methods for machine verification - 10/5/2017, $53.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO/DIS 15620, Welding - Friction welding of metallic materials - 10/5/2017, $107.00

ISO/DIS 15626, Non-destructive testing of welds - Time-of-flight diffraction technique (TOFD) - Acceptance levels - 10/8/2017, $53.00

ISO/DIS 20601, Non-destructive testing of welds - Ultrasonic testing - Use of automated phased array technology for steel components with small wall thickness - 10/8/2017, $71.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 30115, Information technology - Redfish scalable platforms management API specification - 10/8/2017, $155.00

ISO/IEC DIS 9075-15, Information technology - Database languages - SQL - Part 15: Multi-dimensional arrays (SQL/MDA) - 11/26/2017, $185.00

IEC Standards

14/928/CD, IEC 60076-24 ED1: Power transformers - Part 24: Voltage Regulating Distribution Transformers (VRDT), 2017/12/8

29/962/FDIS, IEC 60942 ED4: Electroacoustics - Sound calibrators, /2017/10/2

31/1339/FDIS, IEC 60079-15 ED5: Explosive atmospheres - Part 15: Equipment protection by type of protection "n", /2017/10/2

34/426/CD, IEC 63128 ED1: Lighting control interface for dimming - Analogue voltage dimming interface for electronic lamp controlgear, 2017/12/8

34D/1310/CD, IEC 60598-1/AMD2 ED8: Luminaires - Part 1: General requirements and tests, 2017/12/8

34D/1317/CD, IEC 60598-1/AMD2/FRAG7 ED8: Luminaires - Part 1: General requirements and tests, 2017/12/8

34D/1320/CD, IEC 60598-1/AMD2/FRAG10 ED8: Luminaires - Part 1: General requirements and tests, 2017/12/8

34D/1316/CD, IEC 60598-1/AMD2/FRAG6 ED8: Luminaires - Part 1: General requirements and tests, 2017/12/8

34D/1311/CD, IEC 60598-1/AMD2/FRAG1 ED8: Luminaires - Part 1: General requirements and tests, 2017/12/8

34D/1312/CD, IEC 60598-1/AMD2/FRAG2 ED8: Luminaires - Part 1: General requirements and tests, 2017/12/8

34D/1313/CD, IEC 60598-1/AMD2/FRAG3 ED8: Luminaires - Part 1: General requirements and tests, 2017/12/8

34D/1314/CD, IEC 60598-1/AMD2/FRAG4 ED8: Luminaires - Part 1: General requirements and tests, 2017/12/8

34D/1315/CD, IEC 60598-1/AMD2/FRAG5 ED8: Luminaires - Part 1: General requirements and tests, 2017/12/8

34D/1318/CD, IEC 60598-1/AMD2/FRAG8 ED8: Luminaires - Part 1: General requirements and tests, 2017/12/8

34D/1319/CD, IEC 60598-1/AMD2/FRAG9 ED8: Luminaires - Part 1: General requirements and tests, 2017/12/8

34D/1321/CD, IEC 60598-1/AMD2/FRAG11 ED8: Luminaires - Part 1: General requirements and tests, 2017/12/8

34D/1322/CD, IEC 60598-1/AMD2/FRAG12 ED8: Luminaires - Part 1: General requirements and tests, 2017/12/8

34D/1323/CD, IEC 60598-1/AMD2/FRAG13 ED8: Luminaires - Part 1: General requirements and tests, 2017/12/8

46F/388/NP, PNW 46F-388: Radio frequency connectors - Part 63: Sectional specification - RF coaxial connectors with inner diameter of outer conductor 6,5 mm (0,256 in) with bayonet lock - Characteristic impedance 75 ohms (type BNC), 2017/12/8

46F/386/NP, PNW 46F-386: Balanced-type circular disk resonator method to measure the complex permittivity of low-loss dielectric substrates, 2017/12/8

46F/385/CD, IEC 61169-24 ED3: Radio-frequency connectors - Part 24: Sectional specification - Radio frequency coaxial connectors with screw coupling, typically for use in 75 Ohms cable networks (type F), 2017/12/8

46F/387/NP, PNW TS 46F-387: Radio frequency connectors - Part 1 -2: Uncertainty specification of frequency domain test for return loss, 2017/12/8

47/2430/CD, IEC 62435-3 ED1: Electronic components - Long-term storage of electronic semiconductor devices - Part 3: Data, 2017/12/8

47F/295/FDIS, IEC 62047-29 ED1: Semiconductor devices - Micro-electromechanical devices - Part 29: Electromechanical relaxation test method for freestanding conductive thin-films under room temperature, /2017/10/2

48B/2593/DPAS, IEC PAS 61076-3-126 ED1: Connectors for electrical and electronic equipment - Product requirements - Part 3-126: Rectangular connectors - Detail specification for 5 pole power connector for industrial environments with push-pull locking, 2017/11/3

48B/2596/NP, PNW 48B-2596: Connectors for electrical and electronic equipment - Product requirements - Part 3-126: Rectangular connectors - Detail specification for 5 pole power connector for industrial environments with push-pull locking, 2017/12/8

48D/653/CD, IEC 60917-1 ED2: Modular order for the development of mechanical structures for electronic equipment practices - Part 1: Generic standard, 2017/12/8

48D/656/CD, IEC 61969-3 ED3: Mechanical structures for electronic equipment - Outdoor enclosures - Part 3: Environmental requirements, tests and safety aspects, 2017/12/8

48D/654/CD, IEC 62966-2/Ed.1.0: Mechanical structures for electrical and electronic equipment - Aisle containment for IT cabinets - Part 2: qualification of air flow, air separation and air conditioning requirements, 2017/12/8

48D/655/CD, IEC 61969-1 ED3: Mechanical structures for electronic equipment - Outdoor enclosures - Part 1: Design guidelines, 2017/12/8

57/1918/FDIS, IEC 61850-6/AMD1 ED2: Amendment 1 - Communication networks and systems for power utility automation - Part 6: Configuration description language for communication in power utility automation systems related to IEDs, /2017/10/2

64/2224/CDV, IEC 60364-7-722 ED2: Low-voltage electrical installations - Part 7-722: Requirements for special installations or locations - Supplies for electric vehicles, 2017/12/8

65C/902/CD, IEC 62734/AMD1 ED1: Industrial networks - Wireless communication network and communication profiles - ISA 100.11a, 2017/12/8

65C/897/CDV, IEC 62657-2/AMD1 ED2: Industrial communication networks - Wireless communication networks - Part 2: Coexistence management, 2017/12/8

80/856/CDV, IEC 62923-1 ED1: Maritime navigation and radiocommunication equipment and systems - Bridge alert management - Part 1: Operational and performance requirements, methods of testing and required test results, 2017/12/8

80/857/CDV, IEC 62923-2 ED1: Maritime navigation and radiocommunication equipment and systems - Bridge alert management - Part 2: Alert and cluster identifiers and other additional features, 2017/12/8

81/570/CDV, IEC 62305-2 ED3: Protection against lightning - Part 2: Risk management, 2017/12/8

81/571/CDV, IEC 62305-3 ED3: Protection against lightning - Part 3: Physical damage to structures and life hazard, 2017/12/8

81/572/CDV, IEC 62305-4 ED3: Protection against lightning - Part 4: Electrical and electronic systems within structures, 2017/12/8

81/569/CDV, IEC 62305-1 ED3: Protection against lightning - Part 1: General principles, 2017/12/8

95/373/DC, Proposed revision of IEC 60255-21-1: Measuring relays and protection equipment - Part 21-1: Vibration, shock and seismic tests - Vibration tests; IEC 60255-21-2: Measuring relays and protection equipment - Part 21-2: Vibration, shock and seismic tests - Shock and bump tests; IEC 60255-21-3: Measuring relays and protection equipment - Part 21-3: Vibration, shock and seismic tests - Seismic tests, 018/1/5/

105/658/CD, IEC 62282-2-100 ED1: Fuel cell technologies - Part 2 -100: Fuel cell modules - Safety, /2017/11/1

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

ACOUSTICS (TC 43)

ISO 10848-1:2017, Acoustics - Laboratory and field measurement of flanking transmission for airborne, impact and building service equipment sound between adjoining rooms - Part 1: Frame document, $162.00

ISO 10848-2:2017, Acoustics - Laboratory and field measurement of flanking transmission for airborne, impact and building service equipment sound between adjoining rooms - Part 2: Application to Type B elements when the junction has a small influence, $68.00

ISO 10848-3:2017, Acoustics - Laboratory and field measurement of flanking transmission for airborne, impact and building service equipment sound between adjoining rooms - Part 3: Application to Type B elements when the junction has a substantial influence, $68.00

ISO 10848-4:2017, Acoustics - Laboratory and field measurement of flanking transmission for airborne, impact and building service equipment sound between adjoining rooms - Part 4: Application to junctions with at least one Type A element, $68.00

BIOLOGICAL EVALUATION OF MEDICAL AND DENTAL MATERIALS AND DEVICES (TC 194)

ISO 10993-11:2017, Biological evaluation of medical devices - Part 11: Tests for systemic toxicity, $162.00

COSMETICS (TC 217)

ISO 16128-2:2017, Cosmetics - Guidelines on technical definitions and criteria for natural and organic cosmetic ingredients - Part 2: Criteria for ingredients and products, $103.00

ERGONOMICS (TC 159)

ISO 10075-1:2017, Ergonomic principles related to mental workload - Part 1: General issues and concepts, terms and definitions, $68.00

ISO 9241-960:2017, Ergonomics of human-system interaction - Part 960: Framework and guidance for gesture interactions, $138.00

INDUSTRIAL FANS (TC 117)

ISO 5801:2017, Fans - Performance testing using standardized airways, $232.00

MEASUREMENT OF FLUID FLOW IN CLOSED CONDUITS (TC 30)

ISO 20456:2017, Measurement of fluid flow in closed conduits - Guidance for the use of electromagnetic flowmeters for conductive liquids, $162.00

METALLIC AND OTHER INORGANIC COATINGS (TC 107)

ISO 9717:2017, Metallic and other inorganic coatings - Phosphate conversion coating of metals, $103.00

ISO 2063-2:2017, Thermal spraying - Zinc, aluminium and their alloys - Part 2: Execution of corrosion protection systems, $185.00

PROJECT, PROGRAMME AND PORTFOLIO MANAGEMENT (TC 258)

ISO 21503:2017, Project, programme and portfolio management - Guidance on programme management, $103.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 2411:2017, Rubber- or plastics-coated fabrics - Determination of coating adhesion, $68.00

ISO 4649:2017, Rubber, vulcanized or thermoplastic - Determination of abrasion resistance using a rotating cylindrical drum device, $138.00

SERVICE ACTIVITIES RELATING TO DRINKING WATER SUPPLY SYSTEMS AND WASTEWATER SYSTEMS - QUALITY CRITERIA OF THE SERVICE AND PERFORMANCE INDICATORS (TC 224)

ISO 24516-3:2017, Guidelines for the management of assets of water supply and wastewater systems - Part 3: Wastewater collection networks, $185.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO 24631-1:2017, Radiofrequency identification of animals - Part 1: Evaluation of conformance of RFID transponders with ISO 11784 and ISO 11785 (including granting and use of a manufacturer code), $103.00

ISO 24631-2:2017, Radiofrequency identification of animals - Part 2: Evaluation of conformance of RFID transceivers with ISO 11784 and ISO 11785, $68.00

ISO 24631-3:2017, Radiofrequency identification of animals - Part 3: Evaluation of performance of RFID transponders conforming with ISO 11784 and ISO 11785, $162.00

ISO 24631-4:2017, Radiofrequency identification of animals - Part 4: Evaluation of performance of RFID transceivers conforming with ISO 11784 and ISO 11785, $103.00

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

ISO 15378:2017, Primary packaging materials for medicinal products - Particular requirements for the application of ISO 9001:2015, with reference to good manufacturing practice (GMP), $209.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO 22829:2017, Resistance welding equipment - Transformers - Integrated transformer-rectifier units for welding guns operating at 1 000 Hz, $103.00

ISO Technical Specifications

SERVICE ACTIVITIES RELATING TO DRINKING WATER SUPPLY SYSTEMS AND WASTEWATER SYSTEMS - QUALITY CRITERIA OF THE SERVICE AND PERFORMANCE INDICATORS (TC 224)

ISO/TS 24520:2017, Service activities relating to drinking water supply systems and wastewater systems - Crisis management - Good practice for technical aspects, $185.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 19770-4:2017, Information technology - IT asset management - Part 4: Resource utilization measurement, $185.00

ISO/IEC 29341-20-1:2017, Information technology - UPnP Device Architecture - Part 20-1: Audio video device control protocol - Level 4 - Audio video architecture, $162.00

ISO/IEC 29341-20-2:2017, Information technology - UPnP Device Architecture - Part 20-2: Audio video device control protocol - Level 4 - Media renderer device, $138.00

ISO/IEC 29341-20-3:2017, Information technology - UPnP Device Architecture - Part 20-3: Audio video device control protocol - Level 4 - Media server device, $138.00

ISO/IEC 29341-20-4:2017, Information technology - UPnP Device Architecture - Part 20-4: Audio video device control protocol - Level 4 - Datastructure template, $138.00

ISO/IEC 29341-24-1:2017, Information technology - UPnP Device Architecture - Part 24-1: Internet gateway device control protocol - Level 2 - Internet gateway device, $138.00

ISO/IEC 29341-24-2:2017, Information technology - UPnP Device Architecture - Part 24-2: Internet gateway device control protocol - Level 2 - Wide area network connection device, $68.00

ISO/IEC 29341-24-3:2017, Information technology - UPnP Device Architecture - Part 24-3: Internet gateway device control protocol - Level 2 - Wide area network device, $68.00

ISO/IEC 29341-26-1:2017, Information technology - UPnP Device Architecture - Part 26-1: Telephony device control protocol - Level 2 - Telephony architecture, $138.00

ISO/IEC 29341-26-2:2017, Information technology - UPnP Device Architecture - Part 26-2: Telephony device control protocol - Level 2 - Telephony client device, $68.00

ISO/IEC 29341-26-3:2017, Information technology - UPnP Device Architecture - Part 26-3: Telephony device control protocol - Level 2 - Telephony server device, $68.00

ISO/IEC 29341-27-1:2017, Information technology - UPnP Device Architecture - Part 27-1: Friendly device control protocol - Friendly information update service, $162.00

ISO/IEC 29341-28-1:2017, Information technology - UPnP Device Architecture - Part 28-1: Multiscreen device control protocol - Multiscreen architecture, $68.00

ISO/IEC 29341-28-2:2017, Information technology - UPnP Device Architecture - Part 28-2: Multiscreen device control protocol - Screen device, $45.00

ISO/IEC 29341-29-2:2017, Information technology - UPnP Device Architecture - Part 29-2: Multiscreen device control protocol - Level 2 - Screen device, $45.00

ISO/IEC 29341-31-1:2017, Information technology - UPnP Device Architecture - Part 31-1: Energy management device control protocol - Energy management service, $138.00

ISO/IEC 29341-20-10:2017, Information technology - UPnP Device Architecture - Part 20-10: Audio video device control protocol - Level 4 - Audio video transport service, $232.00

ISO/IEC 29341-20-11:2017, Information technology - UPnP Device Architecture - Part 20-11: Audio video device control protocol - Level 4 - Connection manager service, $209.00

ISO/IEC 29341-20-12:2017, Information technology - UPnP Device Architecture - Part 20-12: Audio video device control protocol - Level 4 - Content directory service, $232.00

ISO/IEC 29341-20-13:2017, Information technology - UPnP Device Architecture - Part 20-13: Audio video device control protocol - Level 4 - Rendering control service, $232.00

ISO/IEC 29341-20-14:2017, Information technology - UPnP Device Architecture - Part 20-14: Audio video device control protocol - Level 4 - Scheduled recording service, $232.00

ISO/IEC 29341-24-10:2017, Information technology - UPnP Device Architecture - Part 24-10: Internet gateway device control protocol - Level 2 - Wide area network internet protocol - Connection service, $209.00

ISO/IEC 29341-24-11:2017, Information technology - UPnP Device Architecture - Part 24-11: Internet gateway device control protocol - Level 2 - Wide area network internet protocol v6 - Firewall control service, $162.00

ISO/IEC 29341-26-10:2017, Information technology - UPnP Device Architecture - Part 26-10: Telephony device control protocol - Level 2 - Call management service, $232.00

ISO/IEC 29341-26-11:2017, Information technology - UPnP Device Architecture - Part 26-11: Telephony device control protocol - Level 2 - Media management service, $232.00

ISO/IEC 29341-26-12:2017, Information technology - UPnP Device Architecture - Part 26-12: Telephony device control protocol - Level 2 - Messaging service, $209.00

ISO/IEC 29341-26-13:2017, Information technology - UPnP Device Architecture - Part 26-13: Telephony device control protocol - Level 2 - Phone management service, $209.00

ISO/IEC 29341-26-14:2017, Information technology - UPnP Device Architecture - Part 26-14: Telephony device control protocol - Level 2 - Address book service, $162.00

ISO/IEC 29341-26-15:2017, Information technology - UPnP Device Architecture - Part 26-15: Telephony device control protocol - Level 2 - Calendar service, $185.00

ISO/IEC 29341-26-16:2017, Information technology - UPnP Device Architecture - Part 26-16: Telephony device control protocol - Level 2 - Presence service, $162.00

ISO/IEC 29341-28-10:2017, Information technology - UPnP Device Architecture - Part 28-10: Multiscreen device control protocol - Application management service, $138.00

ISO/IEC 29341-29-10:2017, Information technology - UPnP Device Architecture - Part 29-10: Multiscreen device control protocol - Level 2 - Application management service, $162.00

IEC Standards

ALARM SYSTEMS (TC 79)

IEC 62820-2 Ed. 1.0 b:2017, Building intercom systems - Part 2: Requirements for advanced security building intercom systems (ASBIS), $199.00

ELECTRIC WELDING (TC 26)

IEC 62822-3 Ed. 1.0 b:2017, Electric welding equipment - Assessment of restrictions related to human exposure to electromagnetic fields (0 Hz to 300 Hz) - Part 3: Resistance welding equipment, $352.00

ELECTRICAL EQUIPMENT IN MEDICAL PRACTICE (TC 62)

IEC 62304 Ed. 1.1 b:2015, Medical device software - Software life cycle processes, $821.00

IEC 62304 Amd.1 Ed. 1.0 b:2015, Amendment 1 - Medical device software - Software life cycle processes, $281.00

FLAT PANEL DISPLAY DEVICES (TC 110)

IEC 62908-1-2 Ed. 1.0 en:2017, Touch and interactive displays - Part 1-2: Generic - Terminology and letter symbols, $82.00

INSULATING MATERIALS (TC 15)

IEC 60893-3-6 Amd.2 Ed. 2.0 b:2017, Amendment 2 - Insulating materials - Industrial rigid laminated sheets based on thermosetting resins for electrical purposes - Part 3-6: Specifications for individual materials - Requirements for rigid laminated sheets based on silicone resins, $12.00

IEC 60893-3-6 Ed. 2.2 b:2017, Insulating materials - Industrial rigid laminated sheets based on thermosetting resins for electrical purposes - Part 3-6: Specifications for individual materials - Requirements for rigid laminated sheets based on silicone resins, $94.00

LAMPS AND RELATED EQUIPMENT (TC 34)

IEC 60598-1 Amd.1 Ed. 8.0 b:2017, Amendment 1 - Luminaires - Part 1: General requirements and tests, $164.00

IEC 60598-1 Ed. 8.1 b:2017, Luminaires - Part 1: General requirements and tests, $762.00

MAGNETIC ALLOYS AND STEELS (TC 68)

IEC 60404-8-7 Ed. 4.0 en:2017, Magnetic materials - Part 8-7: Specifications for individual materials - Cold-rolled grain-oriented electrical steel strip and sheet delivered in the fully processed state, $117.00

S+ IEC 60404-8-7 Ed. 4.0 en:2017 (Redline version), Magnetic materials - Part 8-7: Specifications for individual materials - Cold-rolled grain-oriented electrical steel strip and sheet delivered in the fully processed state, $152.00

SEMICONDUCTOR DEVICES (TC 47)

IEC 62047-30 Ed. 1.0 en:2017, Semiconductor devices - Micro-electromechanical devices - Part 30: Measurement methods of electro-mechanical conversion characteristics of MEMS piezoelectric thin film, $117.00

SOLAR PHOTOVOLTAIC ENERGY SYSTEMS (TC 82)

IEC 62688 Ed. 1.0 en:2017, Concentrator photovoltaic (CPV) modules and assemblies - Safety qualification, $352.00

IEC Technical Reports

HIGH VOLTAGE DIRECT CURRENT (HVDC) TRANSMISSION FOR DC VOLTAGES ABOVE 100 KV (TC 115)

IEC/TR 63065 Ed. 1.0 en:2017, Guidelines for operation and maintenance of line commutated converter (LCC) HVDC converter station, $281.00

IEC Technical Specifications

INDUSTRIAL ELECTROHEATING EQUIPMENT (TC 27)

IEC/TS 62996 Ed. 1.0 en:2017, Industrial electroheating and electromagnetic processing equipment - Requirements on touch currents, voltages and electric fields from 1 kHz to 6 MHz, $281.00

Registration of Organization Names in the United States

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

The following is a list of alphanumeric organization names that have been submitted to ANSI for registration. Alphanumeric names appearing for the first time are printed in bold type. Names with confidential contact information, as requested by the organization, list only public review dates.

PUBLIC REVIEW

ORSUS

Public Review: August 11 to November 9, 2017

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

A challenge is initiated when a letter from an interested entity is received by the Registration Coordinator. The letter shall identify the alphanumeric organization name being challenged and state the rationale supporting the challenge.

A challenge fee shall accompany the letter. After receipt of the challenge, the alphanumeric organization name shall be marked as challenged in the Public Review list. The Registration Coordinator shall take no further action to register the challenged name until the challenge is resolved among the disputing parties.

Proposed Foreign Government Regulations

Call for Comment

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

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

To register for Notify U.S., please visit http://www.nist.gov/notifyus/.

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

For further information about the USA TBT Inquiry Point, please visit: https://www.nist.gov/standardsgov/what-we-do/trade-regulatory-programs/usa-wto-tbt-inquiry-point

Contact the USA TBT Inquiry Point at:(301) 975-2918; 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 ANS consensus bodies and is interested in new members in all membership categories to participate in new work in fiber-optic networks, advanced advertising, 3D television, and other important topics. Of particular interest is membership from the content (program and advertising) provider and user communities.

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

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO/TC 285 – Clean Cookstoves and Clean Cooking Solutions

Currently, the U.S. holds a leadership position as Secretariat of ISO/TC 285 – Clean cookstoves and clean cooking solutions. ANSI directly administers the Secretariat for ISO/TC 285 with the support of the United Nations Foundation. The United Nations Foundation has advised ANSI to relinquish its role as Secretariat for this committee.

ISO/TC 285 operates under the following scope:

> Standardization in the field of cookstoves and clean cooking solutions.

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated secretariat for ISO/TC 285. Alternatively, ANSI may be assigned the responsibility for administering an ISO secretariat. Any request that ANSI accepts to direct administration of an ISO secretariat shall demonstrate that:

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

If no U.S. organization steps forward to assume the ISO/TC 285 secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity, then ANSI will inform the ISO Central Secretariat that the U.S. will relinquish its leadership of the committee. This will allow ISO to solicit offers from other countries interested in assuming the secretariat role.

Information concerning the United States retaining the role of international secretariat may be obtained by contacting ANSI at (isot@ansi.org).

Call for U.S. TAG Administrator

ISO/TC 285 – Clean Cookstoves and Clean Cooking Solutions

Currently, ANSI holds a leadership position as U.S. TAG administrator of ISO/TC 285 – Clean cookstoves and clean cooking solutions. ANSI directly administers the U.S. TAG for ISO/TC 285 with the support of the United Nations Foundation. The United Nations Foundation has advised ANSI to relinquish its role as TAG administrator for this committee.

ISO/TC 285 operates under the following scope:

> Standardization in the field of cookstoves and clean cooking solutions.

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

ISO New Work Item Proposals

Community Scale Resource Oriented Sanitation Treatment Systems

Comment Deadline: September 29, 2017

ANSI, working with the Bill and Melinda Gates Foundation, intends to submit to ISO a New Work Item Proposal on the subject of Community scale resource oriented sanitation treatment systems, with the following scope statement:

> The International Standard will define requirements and test methods to ensure safety, performance, and sustainability of community-scale resource-oriented fecal sludge treatment units that serve approximately 1,000 to 100,000 people. The standard will apply to treatment units that (a) primarily treat human excreta, (b) are able to operate in non-sewered and off-grid environments, and (c) are prefabricated. The standard will not apply to sanitation treatment units requiring sewer infrastructure or electric grid access. Additionally, treatment units to which the standard will apply exhibit resource recovery capability (e.g., energy, drinking water, fertilizer) and are capable of being energy independent or energy net positive.
>
> The standard is intended to ensure the general performance, safety, and sustainability of such units. The standard will exclude installation, selection, and maintenance and operation of such units.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org) with submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, September 29, 2017.

Privacy by Design for Consumer Goods and Services

Comment Deadline: October 27, 2017

COPOLCO, ISO consumer policy committee, along with BSI, the ISO member from the UK, has submitted to ISO a new work item proposal for the development of an ISO standard on Privacy by design for consumer goods and services, with the following scope statement:

> Specification of the design process to provide consumer goods and services that meet consumers' domestic processing privacy needs as well as the personal privacy requirements of Data Protection.
>
> In order to protect consumer privacy the functional scope includes security in order to prevent unauthorized access to data as fundamental to consumer privacy, and consumer privacy control with respect to access to a person's data and their authorized use for specific purposes.
>
> The process is to be based on the ISO 9001 continuous quality improvement process and ISO 10377 product safety by design guidance, as well as incorporating privacy design JTC1 security and privacy good practices, in a manner suitable for consumer goods and services.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, October 27, 2017.

Transfer of U.S. TAG Administrator

U.S. TAG to ISO TC 204 – Intelligent Transport Systems

Comment Deadline: September 25, 2017 (extended from September 8)

The U.S. Technical Advisory Group (TAG) to ISO TC 204, Intelligent Transport Systems, has voted to approve the transfer of TAG Administrator responsibilities from the Intelligent Transportation Society of America (ITSA) to SAE International. The TAG will operate under the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities (Annex A of the ANSI International Procedures). Please submit any comments on this action by September 25, 2017 to: Mr. Jack Pokrzywa, Director, SAE Global Ground Vehicle Standards; 755 West Big Beaver Road, Suite 1600, Troy, MI 48084; phone: 248.273.2460; E-mail: Jack.Pokrzywa@sae.org (please copy jthompso@ansi.org). If no comments are received, this action will be formally approved, effective September 26, 2017.

Meeting Notice

ANSI Z359 Committee for Fall Arrest/Protection

The American Society of Safety Engineers (ASSE) serves as the secretariat of the ANSI Z359 Committee for Fall Arrest/Protection. The next meeting for the Committee will take place November 7-9, 2017 at the following location:

ASA Conference Center
1061 American Lane
Schaumburg, IL 60173

The full Z359 Committee meeting will be held on Tuesday, November 7 from 8:00 a.m. to 4:30 p.m. The Z359 Subgroup meetings will take place on Wednesday, November 8 and Thursday, November 9.
Meeting space is limited and is available on a first-come, first-serve basis. If you have questions or are interested in attending the Z359 Committee meeting, please contact Ovidiu Munteanu, standards development manager at OMunteanu@asse.org.

Information Concerning

International Organization for Standardization

ISO New Work Item Proposal

Indirect, Temperature-Controlled Refrigerated Delivery Services – Land Transport of Parcels with Intermediate Transfer

Comment Deadline: October 27, 2017

JISC, the ISO member body for Japan, has submitted to ISO a new work item proposal for the development of an ISO standard on Indirect, temperature-controlled refrigerated delivery services – Land transport of parcels with intermediate transfer, with the following scope statement:

> *This standard specifies requirements for the provision and operation of indirect, temperature-controlled refrigerated delivery services for refrigerated parcels (which might contain temperature-sensitive goods like food, plants, chemical products and cosmetics) in land transport refrigerated vehicles. It includes all refrigerated delivery service stages from the acceptance (receipt) of a refrigerated parcel from its delivery service user all the way to its delivery at the designated destination, including intermediate transfer of the refrigerated parcels between refrigerated vehicles and via geographical routing. This standard also includes requirements for resources, operations and communications to delivery service users. It is intended for application by refrigerated delivery service providers.*
>
> *It does not cover requirements for refrigerated parcel delivery via the modes of transport by airplane, ship and train. It also does not cover separate requirements for refrigerated parcels that may be transported in ambient temperatures due to the fact that they contain their own refrigeration materials (e.g. ice packs, refrigerated foam bricks, dry ice blocks) and are surrounded and enclosed by sealed thermoprotective packaging that creates a separate refrigerated climate to that provided within the delivery service. However, these types of refrigerated parcels may be transported through a refrigerated delivery service.*
>
> *It does not cover direct refrigerated courier services in which refrigerated parcels are collected from the delivery service user and transported directly to a recipient without in-transit transfer. It does not cover requirements for the quality or specifically for measuring the temperature of the contents of the refrigerated parcels being delivered and their pre-point of receipt state, but does set the requirements for the refrigerated delivery service carrying them. It also does not cover the transport of medical devices and medical equipment.*

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, October 27, 2017.

Information Concerning

International Organization for Standardization (ISO)

Call for U.S. Participation at ISO/TC 135 – *Non-destructive testing*

U.S. TAG Meeting Date: October 31, 2017

Please be advised that the American Society for Nondestructive Testing (ASNT), the ANSI-accredited U.S. TAG Administrator for ISO/TC 135, invites participants to attend the first open committee meeting to be held in conjunction with the ASNT Annual Conference as follows:

2017 ASNT Annual Conference

Location: Gaylord Opryland Resort and Convention
2800 Opryland Drive
Nashville, TN 37214

Room: Belle Meade CD

Committee Meeting: ISO TC-135/ US TAG

Committee Contact: James Bennett, jbennett@asnt.org

Date: 10/31/2017

Start Time: 10:30:00 AM

End Time: 12:30:00 PM

This will be an open meeting.

All U.S. stakeholder organizations in relevant fields and industries are strongly encouraged to join NDT professionals in the U.S. to review and comment on proposed international NDT standards. Lend your voice to the consortium that will promote the U.S. consensus position on NDT matters to the world.

ISO/TC 135 operates under the following scope:

Standardization covering non-destructive testing as applied generally to constructional materials, components and assemblies, by means of:

- *glossary of terms;*
- *methods of test;*
- *performance specifications for testing equipment and ancillary apparatus.*

Excluded:

- *quality levels;*
- *specifications for electrical equipment and apparatus, which fall within the range of IEC Committees.*

Organizations interested in participating in this meeting should contact the U.S. TAG Administrator, James Bennett (jbennett@asnt.org).

NSF/ANSI 50-2016a
Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities

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1.5 Normative references

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

21 CFR Chapter 1. *Code of Federal Regulations*[1]

21 CFR Part 58, Subchapter A. *Code of Federal Regulations*1

40 CFR Part 136. *Guidelines Establishing Test Procedures for the Analysis of Pollutants*[2]

40 CFR Part 141. *National Primary Drinking Water Regulations*2

40 CFR Part 143. *National Secondary Drinking Water Regulations*2

ASME, *Boiler and Pressure Vessel Code. ~~2010~~2017*[3]

ANSI/APSP–16 2011. *Standard Suction Fittings for Use in Swimming Pools, Wading Pools, Spas, and Hot Tubs*[4]

ANSI/ASME A112.3.1 (2007). *Stainless Steel Drainage Systems for Sanitary DWV, Storm, and Vacuum Applications Above and Below Ground.*[3]

ANSI/ASME A112.6.3 – ~~2001~~ 2016 (R2007). *Floor and Trench Drains*[3]

ANSI/ASME A112.6.4 – 2003 (R~~2008~~ 2012). *Roof, Deck and Balcony Drains*[3]

ANSI/ASME A112.19.17 (2010). *Safety Vacuum Release Systems (SVRS) for Residential & Commercial Swimming Pool, Spa, Hot Tub, Wading Pool Suction System*[3]

ANSI/ASME B40.100 – 2005. *Pressure Gauge and Gauge Attachments*[3]

[1] USFDA, 5600 Fishers Lane, Rockville, MD 20857 <www.fda.gov>

[2] USEPA Environmental Monitoring and Support Laboratory, Cincinnati, OH 45268 <www.epa.gov>

[3] ASME, 3 Park Avenue, New York, NY 10016-5990 <www.asme.org>

[4] Association of Pool and Spa Professionals, 2111 Eisenhower Avenue, Alexandria, VA 22314 <www.apsp.org>

ANSI/IAPMO Z124.7-~~1997~~ 2013. *Prefabricated Plastic Spa Shells*[5]

ANSI/IAPMO Z124.1.2 – 2005. *Plastic Bathtub and Shower Units*[5]

ANSI/IAPMO Z1033-2015. *Flexible PVC Hoses and Tubing for Pools, Hot Tubs, Spas, and Jetted Bathtubs*5

ANSI/UL 1081 ~~2011~~ 2016, 7th. *Swimming Pools, Pumps, Filters and Chlorinators*[6]

ANSI/UL 1261 ~~2011~~ 2016, 6th. *Electric Water Heaters for Pools and Tubs*[6]

ANSI/UL 1563 2009. *Standard for Electric Hot Tub, Spas and Associated Equipment*6

ANSI/UL 2017 2011. *General Purpose Signaling Devices and Systems*6

APHA, *Standard Methods for the Examination of Water and Wastewater,* ~~twentieth~~ 23rd edition[7]

ASTM ~~C136-2006~~ C136/C136M-2014: *Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates, 2004*[8]

ASTM D1894 – ~~11e1~~ (2014). *Stand Test Method for Static and Kinetic Coefficients of Plastic Film and Sheeting*~~[8]~~[8]

ASTM D2464 – (~~2006~~ 2013). *Standard Specification for Threaded Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80*~~[8]~~[8]

ASTM D2466 – (~~2006~~ 2015). *Standard Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 40*~~[8]~~ [8]

ASTM D2467 – (2006). *Standard Specification for Poly (Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80*~~[8]~~[8]

ASTM, D3739 – 2010. *Standard Practice for Calculation and Adjustment of the Langelier Saturation Index for Reverse Osmosis*[8]

ASTM E11 – 2009. *Standard Specification for Wire Cloth Sieves for Testing Purposes, 2009*[8]

ASTM F1346-03. *Standard Performance Specification for Safety Covers and Labeling Requirements for All Covers for Swimming Pools, Spas, and Hot Tubs*[8]

ASTM F2049-~~10~~ 11 (2017) *Standard Guide for Fences/Barriers for Public, Commercial and Multi-Family Residential Use Outdoor Play Areas*~~[8]~~[8]

ASTM F2208-~~2008~~ 2014. *Standard Safety Specification for Residential Pool Alarms*~~[8]~~[8]

[5] IAPMO, 5001 E. Philadelphia St., Ontario, CA 91761 <www.iapmo.org>
[6] UL – Underwriters Laboratory, 2600 N.W. Lake Rd., Camas, WA 98607-8542 <www.ul.com>
[7] American Public Health Association, 800 I Street NW, Washington, DC 20001 <www.APHS.org>
[8] ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2859 <www.ASTM.org>

ASTM F2387 (2004). *Standard Specification for Manufactured Safety Vacuum Release Systems (SVRS) for Swimming Pools, Spas and Hot Tub*[8]

ASTM F2409-10 (2016). *Standard Guide for Fences for Non-Residential Outdoor Swimming Pools, Hot Tubs, and Spas*[88]

ASTM F2699-08 (2013) *Standard Guide for Fences for Commercial and Public Outdoor Water Spray/Play Areas*[8]

ASTM G154-~~06~~ 16: *Standard Practice for Operating Fluorescent Light Apparatus for UV Exposure of Nonmetallic Materials*[88]

CEC-400-~~2009~~ 2016-002 Title 20. *California Energy Commission 2009 Appliance Efficiency Regulations*[9]

~~ANSI~~ CSA B45.5/IAPMO Z124.1.2 – ~~2005~~ 2011. *Plastic Bathtub and Shower Units*[5]

DVGW 2006. *UV disinfection devices for drinking water supply—requirements and testing*. DVGW W294-1, -2, and -3.[10]

IAPMO, ~~PS-33-2010~~ PSZ1033-2013c. *Flexible PVC Hose for Pools, Hot Tubs, Spa, and Jetted Bathtubs*5

NFPA 70, Article 30. ~~2005~~ 2017. *National Electrical Code* (NEC)[11]

NSF/ANSI 14. *Plastics piping system components and related materials*

NSF/ANSI 42. *Drinking water treatment units – Aesthetic effects*

NSF/ANSI 51. *Food equipment materials*

NSF/ANSI 60. *Drinking water treatment chemicals – Health effects*

NSF/ANSI 61. *Drinking water system components – Health effects*

NSF/EPA ETV, *Generic Protocol for Development of Test / Quality Assurance Plans for Ultraviolet (UV) Reactors*

ÖNORM M 5873-1 *Plants for the disinfection of water using ultraviolet radiation - Requirements and testing - Low pressure mercury lamp plants*, 2001[12]

SAE Steel Numbering System[13]

USEPA, 1993. *Methods for the Determination of Inorganic Substances in Environmental Samples*[14]

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[9] California Energy Commission, 1516 Ninth St., Sacramento, CA 95814 <www.energy.ca.gov>

[10] German Gas and Water Management Union (DVGW), Bonn, Germany. <www.dvgw.de/english-pages/>

[11] National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02269 <www.NFPA.org>

[12] Beuth Verlaq GmbH, 10772 Berlin, Germany <http.//www.beuth.de/langanzeige/OENORM-5873-1/en/41105768.html>

[13] SAE International, 400 Commonwealth Drive, Warrendale, PA 15096-001 < www.sae.org>

[14] Superintendent of Documents, U.S. Government Printing Office, Washington, DC 20402<www.gpo.gov>

USEPA, 1990. *Methods for the Determination of Organic Compounds in Drinking Water Supplement*[14]

USEPA-600/4-79-020. *Methods for the Chemical Analysis of Water and Wastes*, March 1983[14]

USEPA *Ultraviolet Disinfection Guidance Manual for the Final Long Term 2 Enhanced Surface Water Treatment Rule,* November 2006[14]

NSF/ANSI 350 - 2017
Onsite Residential and Commercial Water Reuse Treatment Systems

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8 Performance testing and evaluation

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8.1.2.1.3 Graywater challenge water: Systems treating bathing and laundry source waters combined

Each 100 L challenge water shall be prepared using 53 L of 8.1.2.1.1 and 47 L of 8.1.2.1.2. The 30-d average concentration of the graywater delivered to the system shall be as follows:

Parameter	Required range
TSS	~~80~~ 50 – 160 mg/L
BOD_5	130 – 180 mg/L
temperature	25 – 35 °C
pH	6.5 – 8.0
turbidity	~~50~~ 30 – 100 NTU
total phosphorous – P	1.0 – 3.0 mg/L
total Kjeldahl nitrogen – N	3.0 – 5.0 mg/L
COD	250 – 400 mg/L
TOC	50 – 100 mg/L
total coliforms	10^3 – 10^4 cfu/100 mL
E. coli	10^2 – 10^3 cfu/100 mL

Changes To Draft PDS-03.4 BSR/RESNET/ICC 301-2014 Addendum E-201x House Size IAF

(changes in strike/underline text)

Proposed IAF Addendum to ANSI/RESNET/ICC 301-2014

Add the following new Section:

x.x Index Adjustment Factor (IAF). The IAF for each Rated Home shall be determined in accordance with Sections x.x.1 through x.x.5.

x.x.1 Index Adjustment Design (IAD). An IAD shall be configured in accordance with Table x.x.1(1). Renewable Energy Systems that offset the energy consumption requirements of the Rated Home shall not be included in the IAD.

Table x.x.1(1) Configuration of Index Adjustment Design

Building Component	**Index Adjustment Design (IAD)**
General Characteristics:	Number of Stories (NS): Two (2) Number of Bedrooms (Nbr): Three (3) Conditioned Floor Area (CFA): 2400 ft^2 Number of conditioned zones: One (1) No attached garage Wall height: 17 feet (including band joist) Wall width: 34.64 feet facing N, S, E and W All heating, cooling, and hot water equipment shall be located in conditioned space.
Foundation:	Type: Vented crawlspace Venting: net free vent aperture = 1ft^2 per 150 ft^2 of crawlspace floor area. Gross floor area: 1200 ft^2 Floor U-Factor: Same as Energy Rating Reference Home Foundation wall: 2 feet tall, 2 feet above grade Wall width: 34.64 feet facing N, S, E and W Wall U-Factor: Same as Energy Rating Reference Home
Above-grade walls:	Type: Same as Rated Home. If more than one type, maintain same proportional coverage for each type, excluding any garage wall and adiabatic wall areas. Gross Area: 2360ft^2 total, 590ft^2 facing N, S, E and W U-Factor: Same as Rated Solar absorptance: Same as Rated Home Emittance: Same as Rated Home
Ceilings:	Type: Same as Rated Home. If more than one type, maintain same proportional coverage for each type. Gross projected footprint area: 1200 ft^2 U-Factor: Same as Rated Home

Building Component	**Index Adjustment Design (IAD)**
Roofs:	Type: Same as Rated Home. If more than one type, maintain same proportional coverage for each type. Gross area: 1300 ft^2 Solar absorptance: Same as Rated Home Values from Table 4.2.2(4) shall be used to determine solar absorptance except where test data are provided for roof surface in accordance with ASTM Standards C-1549, E-1918, or CRRC Method # 1. Emittance: Same as Rated Home Emittance values provided by the roofing manufacturer in accordance with ASTM Standard C-1371 shall be used when available. In cases where the appropriate data are not known, same as the Energy Rating Reference Home.
Attics:	Type: Same as Rated Home. If more than one type, maintain same proportional coverage for each type.
Doors:	Area: Same as Rated Home Orientation: Same as Rated Home U-Factor: Same as Rated Home
Glazing:	Total area = Same as Energy Rating Reference Home Orientation: equally distributed to four (4) cardinal compass orientations (N,E,S,&W) U-Factor: Area-weighted average U-Factor of Rated Home SHGC: Area-weighted average SHGC of Rated Home Interior shade coefficient: Summer: Same as Energy Rating Reference Home Winter: Same as Energy Rating Reference Home External shading: None
Skylights	Same as Rated Home
Thermally isolated sunrooms	Same as Rated Home
Air exchange rate	Combined infiltration flow rate plus mechanical ventilation flow rate of 0.03 * CFA + 7.5 * (Nbr+1) cfm and with energy loads calculated in quadrature Infiltration flow rate shall be determined using the following envelope leakage rates: 5 ACH_{50} in IECC[1] Climate Zones 1-2 3 ACH_{50} in IECC Climate Zones 3-8
Whole-House Mechanical ventilation fan energy:	Balanced Whole-House Ventilation System without energy recovery with fan power = 0.70 * fanCFM * 8.76 kWh/y

[1] Climate zones shall be as specified by the 2012 IECC

Building Component	**Index Adjustment Design (IAD)**
Internal gains:	As specified by Table 4.2.2(3) except that lighting shall be 75% high efficiency
Internal mass:	An internal mass for furniture and contents of 8 pounds per square foot of floor area
Structural mass:	Same as Energy Rating Reference Home
Heating systems	Fuel type: Same as Rated Home Efficiencies: Electric: air source heat pump in accordance with Table 4.2.2(1a) Non-electric furnaces: natural gas furnace in accordance with Table 4.2.2(1a) Non-electric boilers: natural gas boiler in accordance with Table 4.2.2(1a) Capacity: sized in accordance with Section 4.3.3.1
Cooling systems	Fuel type: Electric Efficiency: in accordance with Table 4.2.2(1a) Capacity: sized in accordance with Section 4.3.3.1
Service water heating systems	Fuel type: same as Rated Home Efficiency: Electric: EF = 0.97 - (0.00132 * store gal) Fossil fuel: EF = 0.67 - (0.0019 * store gal) Use: Same as Energy Rating Reference Home (see Addendum A) Tank temperature: 125 F
Thermal distribution systems:	Thermal distribution system efficiency (DSE) of 1.00 shall be applied to both the heating and cooling system efficiencies and air distribution systems shall be located within the conditioned space
Thermostat	Type: manual Temperature set points: cooling temperature set point = 78 F; heating temperature set point = 68 F
Lighting, Appliances and Miscellaneous Electric Loads (MELs)	Same as the Energy Rating Reference Home, except that lighting shall be 75% high efficiency

x.x.2 An approved[2] Energy Rating Software Tool shall be used to determine the Energy Rating Index for the IAD (ERI_{IAD}).

x.x.3 The saving represented by the IAD shall be calculated using equation x.x.3-1.

$$IAD_{SAVE} = (100 - ERI_{IAD}) / 100 \qquad \text{(Eq. x.x.3-1)}$$

x.x.4 The IAF for the Rated Home (IAF_{PD}) shall be calculated in accordance with equation x.x.4-1.

[2] Informative Note: The Residential Energy Services Network (RESNET) accredits Energy Rating Software Tools in accordance with RESNET Publication 002.

$IAF_{RH} = IAF_{CFA} * IAF_{Nbr} * IAF_{NS}$ (Eq. x.x.4-1)

where:

IAF_{RH} = combined Index Adjustment Factor for Rated Home

$IAF_{CFA} = (2400/CFA) ^ [0.304 * (IAD_{SAVE})]$

$IAF_{Nbr} = 1+ [0.069 * (IAD_{SAVE}) * (Nbr-3)]$

$IAF_{NS} = (2/NS) ^ [0.12 * (IAD_{SAVE})]$

where:

CFA = Conditioned Floor Area

Nbr = Number of bedrooms

NS = Number of stories

Modify equation 4.1-2 as follows:

$ERI = PEfrac * (TnML / (TRL * IAF_{RH})) * 100$ **(Eq 4.1-2)**

where:

IAF_{RH} = Index Adjustment Factor of Rated Home

Add the following new definitions:

Index Adjustment Design – a home design comprising 2-stories and 3 bedrooms with conditioned floor area of 2,400 ft2 used to determine the percentage improvement over the Energy Rating Reference Home for the purposes of determining the Index Adjustment Factor that is applied to the Rated Home.

Index Adjustment Factor – a value calculated using the percentage improvement of the Index Adjustment Design to determine the impact of home size, number of bedrooms and number of stories on the Energy Rating Index of the Rated Home.

BSR/UL 48, Standard for Safety for Electric Signs

3. Revise title of Section 4.4.10.2

4.4.10.1.1 Glass sheets, whether functional or decorative, including glass used as a water shield, sign body or sign face and smaller than 2540 mm (100 in) in any dimension, shall be either of the double-strength soda lime type, or of the tempered, laminated, or organic-coated type.

4.4.10.2 Requirements for glass used as an enclosure, water shield, sign body, or sign face

BSR/UL 858, Standard for Household Electric Ranges

4. Smart Enabled Ranges

87.16 For smart enabled electric ranges, which do not disable remote operation functionality upon opening the door, in accordance with SA3.4, an additional statement shall be provided. "Remote Operation - This appliance is configurable to allow remote operation at any time. Do not store any flammable materials or temperature sensitive items inside, on top or near surface units of the appliance."

Note from the project manager: For ease of review, only the changes to Table SB5.1 are being included as part of this proposal. The remainder of Table SB5.1 is unchanged.

Table SB5.1

Control functions

Function Title	Requirement	UL 858 Reference	UL 858A Reference	Proposed UL 60730 Declaration			
				Hardware Safety Investigation			Software safety
				Function Class	Operating/ protective	Type	Class
Remote Access Requirement - UL 858 Supplement SA3							
"Local" initiation	A "Local" operation is required to initiate remote operation. ~~Local operation is required within 5 minutes of remote programming to avoid the cancellation of the program.~~	SA3.3 A and B	N/A	A	Operating	1	A
"Local" cancellation	Appliance needs to be provided with a local mechanism to cancel remote operation.	SA2.6.2	N/A	A	Operating	1	A
~~Door open interruption~~	~~A local action is required to resume remote operation, if the door is opened.~~	~~SA3.3c)~~	~~N/A~~	~~A~~	~~Operating~~	~~1~~	~~A~~

BSR/UL 943B, Standard for Safety for Appliance Leakage-Current Interrupters

1. Addition of Auto-Monitoring Requirements

PROPOSAL

19A Auto-Monitoring Function

19A.1 In addition to the Supervisory Circuit specified in Section 19, a resettable appliance leakage-current interrupter (ALCI) shall be provided with an auto-monitoring function that will allow for periodic, automatic testing of the ability of the device to respond to a ground fault. This testing shall be done without opening the circuit interrupter contacts.

19A.2 The auto-monitoring function shall perform the automatic test each time power becomes available to the line terminals. The automatic test shall be initiated within five seconds of power applied to the line terminals. The automatic test shall be repeated at least every 15 minutes.

19A.3 The auto-monitoring function shall not compromise the ability of the ALCI to respond to a ground fault. Compliance is determined by the requirements in Auto-Monitoring Function Test, Section 41A.

19A.4 The consequence of the auto-monitoring test detection of a problem shall be one of the following:

a) Power denial (trip with the inability to reset). Power denial shall occur within five seconds of an auto monitoring cycle failure.

b) Power denial with the ability to reset, subject to an auto-monitoring test cycle within five seconds of the reset. Power denial shall occur within five seconds of an auto monitoring cycle failure.

41A Auto-Monitoring Function Test

41A.1 The auto-monitoring function shall comply with the requirements of Auto-Monitoring Function, Section 19A.

41A.2 In order to determine compliance with the provisions of Auto-Monitoring Function, Section 19A, separate representative devices shall be modified to represent those single component failure modes that can cause the ALCI to become unable to respond to a ground fault per this standard. Welded power contacts need not be considered. Each representative device shall be altered with a single modification that represents either an open or a shorted component as described in the following:

a) Open circuit or short circuit the ground fault sensing component (transformer).

b) Alter the integrated circuit responsible for the ground fault detection by one of the following modifications if appropriate per the application circuit:

1) Disconnect the power supply pin of the IC;

2) Disable the “clock” circuit or “phase zero cross” pin of the IC;

3) Open the ground fault sensing signal path at the subject IC pin;

4) Short the ground fault sensing signal path pin to one of the adjacent pins one at a time.

c) Open circuit the current limiter (for example, dropping resistor) of the power supply of the ground fault detection circuit.

d) Short circuit the switching semiconductor supplying the trip solenoid or relay (that is, short the anode and cathode of the semiconductor device).

e) Open circuit or short circuit a single rectifier diode in the ground fault detection power supply circuit. Short circuit a single diode in the case of a bridge rectifier package.

41A.3 Certain failure modes in 19A.4 need not be tested if, based on an engineering analysis of the circuit, one or both of the following criteria are met. The results of the engineering analysis shall be agreeable to all parties concerned.

a) The failure mode does not interfere with the ability of the ALCI to respond to a line to ground fault.

b) The failure mode results in 19A.4 being met automatically, without assistance from the auto-monitoring function.

41A.4 The device power contacts shall be in the closed position at the start of the test. Power shall be applied externally by closing a switch in the supply. Each ALCI shall comply with 19A.4 within the timing requirements of 19A.2.

BSR/UL XXX, Standard for *Safety for Insect-Control Equipment - Electrocution Type, UL 1559*

1. *Revision of Requirements to Testing, Marking, and Instruction Requirements*

PROPOSAL

~~1.5 Insect-electrocution equipment generating ultraviolet (UV) radiation are intended for use in accordance with the Federal Radiation Control for Health and Safety Act, Title 21.~~

39.3.1 Insect-electrocution equipment shall not employ lamps designed to emit ultraviolet (UV) radiation in wavelengths less than 250 nm. Incidental UV radiation in wavelengths less than 250 nm is allowed provided that the radiation shall not exceed an effective irradiance level greater than 1% of that generated in the 300-400 nm bands. Care shall be taken in measuring spectral irradiance at wavelengths below 300 nm to exclude instrument noise, which may give an erroneous indication of UV-C radiation. See 64A.4 for proper measurements and good laboratory practice.

64A.2 Testing shall be performed in the condition(s) most likely to result in the highest emission levels, including ~~removal~~ reasonably foreseeable removals or adjustment of guards or operating settings. The test shall be performed using a new lamp, or integral radiation source, representative of the maximum emission capability, including user replacement parts. The measurement device shall be placed at the distance indicated in Table 64A.1 for the type specified or at a lesser distance if requested by the manufacturer. The effective irradiance value shall comply with the requirements of 30.2.1.

64A.4 Instrumentation used for the radiation measurements shall be suitable for the measuring of emissions of the radiation source and frequencies. These measurements should only be performed by people trained to make proper optical radiation measurements and follow good laboratory practices, which can be found in documents such as ANSI/IESNA RP-27.2 and IEC 62471:2006.

73.1 Equipment employing lamps ~~which~~ produce ultraviolet (UV) radiation exceeding the applicable limits in Table 64.A1, shall be marked with the word “WARNING" and the following or equivalent: “Skin or eye damage may result from directly viewing the light produced by the lamp in this apparatus. Always disconnect power before relamping or servicing.” The marking shall be located where readily visible during approach to the lamp compartment. Products employing an interlock switch to disconnect power during servicing and relamping in accordance with Exception No. 2 of 30.2.1 are not required to provide the marking.

74.2 Insect-electrocution equipment intended for permanent installation or mounted in a dedicated area (fixed equipment) such as the wall of a building structure which emit ultraviolet (UV) radiation exceeding the applicable limits in Table 64.A1 shall be provided with the following important safety instructions in the manual: ~~marking or its equivalent "CAUTION - Risk of UV exposure. Ensure product is installed such that no continuous human activity is likely to be performed within X distance of the unit while illuminated." ~~"Install product at minimum X distance from spaces with continuous, 8-hour human activities so that people are not continuously exposed to UV." X is the general use distance of Table 64A.1. ~~The instruction shall be included in the Important Safety Instructions.~~

BSR/UL 6703, Standard for Safety for Connectors for Use in Photovoltaic Systems

1. Additional Requirements to Allow for AL Conductors of AA-8000 Grade or Higher.

5 Current Carrying Parts (Contacts)

~~5.1 The current-carrying part of a connector shall be copper or copper alloy. Current-carrying parts containing more than 15% zinc shall comply with 7.12.3 of the Standard for Wire Connectors, UL 486A-486B.~~

5.1 Connectors shall be rated for the use of Aluminum (AL) or Copper (CU) or dual rated for AL/CU conductors to be used at the points of electrical coupling. The current-carrying parts at the points of electrical coupling (i.e., contacts) shall use material that complies with the Standard for Wire Connectors, UL 486A-486B based on the conductor rating of the connector.

5.2 AL-rated connectors shall have current-carrying parts made of aluminum, tin-plated copper, or brass-plated copper. AL-rated connectors shall only be used with AA-8000 conductors or similar.

5.3 CU-rated connectors shall have current-carrying parts made of copper or copper alloy. Current-carrying parts containing more than 15% zinc shall comply with 7.12.3 of the Standard for Wire Connectors, UL 486A-486B.

5.4 AL/CU-rated connectors shall have current-carrying parts made of tin-plated copper or brass-plated copper. When used to connect to an aluminum conductor, only type AA-8000 conductors or similar shall be used.