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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

Comment Deadline: July 30, 2017

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME B16.49-201x, Factory-Made Wrought Steel Butt Welding Induction Bends for Transportation and Distribution Systems (revision of ANSI/ASME B16.49-2012)

This Standard covers design, material, manufacturing, testing, marking, and inspection requirements for factory-made pipeline bends of carbon steel materials having controlled chemistry and mechanical properties, produced by the induction bending process, with or without tangents. This Standard covers induction bends for transportation and distribution piping applications (e.g., ASME B31.4 and B31.8).

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

Send comments (with copy to psa@ansi.org) to: Erika Lawson, (212) 591-8094, lawsone@asme.org

NSF (NSF International)

Revision

BSR/NSF 50-201x (i129r2), 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: Lauren Panoff, (734) 769-5197, lpanoff@nsf.org

NSF (NSF International)

Revision

BSR/NSF 416-201x (i4r1), Sustainability assessment for water treatment chemical products (revision of ANSI/NSF 416-2014 (i2r1))

This Standard establishes a consistent approach to the evaluation and determination of environmentally preferable and sustainable chemical product manufacturing processes, water treatment chemical products, distributors, repackagers, and relabelers of chemical products.

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

Send comments (with copy to psa@ansi.org) to: Lauren Panoff, (734) 769-5197, lpanoff@nsf.org

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 62841-3-1-201x, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 3-1: Particular Requirements for Transportable Table Saws (identical national adoption of IEC 62841-3-1)

(1) Proposed revision to Clause 23 to align with changes to IEC 62841-3-1 in IEC Corrigendum 1 of IEC 62841-3-1.

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

Send comments (with copy to psa@ansi.org) to: Beth Northcott, (847) 664-3198, Elizabeth.Northcott@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 87A-201x, Standard for Safety for Power-Operated Dispensing Devices for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (revision of ANSI/UL 87A-2016)

This proposal is being issued to revise the Long Term Exposure Test.

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

Send comments (with copy to psa@ansi.org) to: Marcia Kawate, (510) 319-4259, Marcia.M.Kawate@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 87B-201x, Standard for Safety for Power-Operated Dispensing Devices for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 87B-2016)

This proposal is being issued to revise the Long Term Exposure Test.

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

Send comments (with copy to psa@ansi.org) to: Marcia Kawate, (510) 319-4259, Marcia.M.Kawate@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 248-12-201x, Standard for Safety for Low-Voltage Fuses - Part 12: Class R Fuses (revision of ANSI/UL 248-12-2011 (R2015))

(1) Paragraph 5.3 figure reference; (2) Value of prospective short circuit current in Table A.

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

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 985-201x, Standard for Safety for Household Fire Warning System Units (revision of ANSI/UL 985-2015)

This recirculation proposal provides revisions to the UL 985 proposal dated 3/17/17.

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

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1023-201x, Standard for Safety for Household Burglar-Alarm System Units (revision of ANSI/UL 1023-2013a)

This recirculation proposal provides revisions to the UL 1023 proposal dated 3/17/17.

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

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

UL (Underwriters Laboratories, Inc.)**Revision**

BSR/UL 1322-201x, Standard for Safety for Fabricated Scaffold Planks and Stages (revision of ANSI/UL 1322-2010 (R2015))

Document dated 6-30-2017 recirculates changes to original proposal dated 12-23-2016.

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

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

UL (Underwriters Laboratories, Inc.)**Revision**

BSR/UL 8750-201X, Standard for Safety for Light Emitting Diode (LED) Equipment for Use in Lighting Products (revision of ANSI/UL 8750-2016)

The following topics for the Standard for Light Emitting Diode (LED) Equipment for Use in Lighting Products, UL 8750, are being recirculated: (5) Revise requirements for electrical spacings in Section 7.8; (10) Add Supplement SG - Designation of Temperature Value at the Temperature Measurement Point Tc.

[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

Comment Deadline: August 14, 2017**ANS (American Nuclear Society)****Reaffirmation**

BSR/ANS 2.26-2004 (R201x), Categorization of Nuclear Facility Structures, Systems, and Components For Seismic Design (reaffirmation of ANSI/ANS 2.26-2004 (R2010))

This standard provides (a) criteria for selecting the seismic design category (SDC) for nuclear facility structures, systems, and components (SSCs) to achieve earthquake safety and (b) criteria and guidelines for selecting Limit States for these SSCs to govern their seismic design. The Limit States are selected to ensure the desired safety performance in an earthquake.

Single copy price: \$131.00

Obtain an electronic copy from: scook@ans.org

Order from: scook@ans.org

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

ASABE (American Society of Agricultural and Biological Engineers)**New National Adoption**

BSR/ASABE AD17225-4-201x MONYEAR, Solid biofuels - Fuel specifications and classes - Part 4: Graded wood chips (national adoption with modifications of ISO 17225-4:2014)

This part of ISO 17225 determines the fuel quality classes and specifications of graded wood chips. This part of ISO 17225 covers only wood chips produced from the following raw materials:

- Forest, plantation and other virgin wood;
- Byproducts and residues from wood processing industry; and
- Chemically untreated used wood.

Single copy price: \$58.00

Obtain an electronic copy from: walsh@asabe.org

Order from: Jean Walsh, (269) 932-7027, walsh@asabe.org

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

ASABE (American Society of Agricultural and Biological Engineers)**New National Adoption**

BSR/ASABE/ISO 12003-2-201x, Agricultural and forestry tractors - Roll-over protective structures on narrow-track wheeled tractors - Part 2: Rear-mounted ROPS (identical national adoption of ISO 12003-2:2008)

Specifies procedures for both the static and dynamic testing of roll-over protective structures (ROPS) rear-mounted on narrow-track wheeled agricultural and forestry tractors. It defines the clearance zone and acceptance conditions for rigid or tiltable, rear, two-post roll bar, frame, and cab ROPS.

Single copy price: \$61.00

Obtain an electronic copy from: vangilder@asabe.org

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

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

ASABE (American Society of Agricultural and Biological Engineers)**New National Adoption**

BSR/ASABE/ISO 12003-1-201x MONYEAR, Agricultural and forestry tractors - Roll-over protective structures on narrow-track wheeled tractors - Part 1: Front-mounted ROPS (identical national adoption of ISO 12003-1:2008)

Specifies procedures for both the static and dynamic testing of roll-over protective structures (ROPS) front-mounted on narrow-track wheeled agricultural and forestry tractors. It defines the clearance zone and acceptance conditions for rigid or tiltable, front, two-post ROPS, including any associated rear fixtures.

Single copy price: \$61.00

Obtain an electronic copy from: vangilder@asabe.org

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

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

ASABE (American Society of Agricultural and Biological Engineers)**New National Adoption**

BSR/ASABE/ISO 3463-2006 MONYEAR-201x, Tractors for agriculture and forestry - Roll-over protective structures (ROPS) - Dynamic test method and acceptance conditions (identical national adoption of ISO 3463:2006)

Specifies a dynamic test method and the acceptance conditions for roll-over protective structures (cab or frame) of wheeled tractors for agriculture and forestry. It is applicable to tractors having at least two axles for wheels mounted with pneumatic tyres, or having tracks instead of wheels, with an unballasted tractor mass of not less than 600 kg, but generally less than 6 000 kg, and with a minimum track width of the rear wheels greater than 1 150 mm.

Single copy price: \$61.00

Obtain an electronic copy from: vangilder@asabe.org

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

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

ASABE (American Society of Agricultural and Biological Engineers)

New National Adoption

BSR/ASABE/ISO 5700-201x MONYEAR, Tractors for agriculture and forestry - Roll-over protective structures - Static test method and acceptance conditions (identical national adoption of ISO 5700:2013)

Specifies a static test method and the acceptance conditions for roll-over protective structures (cab or frame) of wheeled or tracked tractors for agriculture and forestry. It is applicable to tractors having at least two axles for wheels mounted with pneumatic tires, or having tracks instead of wheels, with an unballasted tractor mass of not less than 600 kg and a minimum track width of the rear wheels greater than 1 150 mm. It is not applicable to tractors having a mass ratio (maximum permissible mass / reference mass) greater than 1,75.

Single copy price: \$61.00

Obtain an electronic copy from: vangilder@asabe.org

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

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

ASABE (American Society of Agricultural and Biological Engineers)

Revision

BSR/ASAE EP486.3-201x, Shallow Post and Pier Foundation Design (revision and redesignation of ANSI/ASAE EP486.2-2012)

This engineering practice contains safety factors and other provisions for allowable stress design (ASD) which is also known as working stress design, and for load and resistance factor design (LRFD) which is also known as strength design. It also contains properties and procedures for modeling soil deformation for use in structural building frame analyses.

Single copy price: \$58.00

Obtain an electronic copy from: walsh@asabe.org

Order from: Jean Walsh, (269) 932-7027, walsh@asabe.org

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

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME B16.25-201x, Butt welding Ends (revision of ANSI/ASME B16.25-2012)

This Standard covers the preparation of butt welding ends of piping components to be joined into a piping system by welding. It includes requirements for welding bevels, for external and internal shaping of heavy-wall components, and for preparation of internal ends (including dimensions and tolerances). Coverage includes preparation for joints with the following: no backing rings, split or noncontinuous backing rings, solid or continuous backing rings, consumable insert rings, and gas tungsten arc welding (GTAW) of the root pass.

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: Erika Lawson, (212) 591-8094, lawsone@asme.org

AWEA (American Wind Energy Association)

New National Adoption

BSR/AWEA 61400-23-201x, Full scale structural testing of rotor blades (identical national adoption of IEC 61400-23:2014)

IEC 61400-23:201x defines the requirements for full-scale structural testing of wind turbine blades and for the interpretation and evaluation of achieved test results. The standard focuses on aspects of testing related to an evaluation of the integrity of the blade, for use by manufacturers and third party investigators. The following tests are considered in this standard:

- static load tests;
- fatigue tests;
- static load tests after fatigue tests;
- tests determining other blade properties.

The purpose of the tests is to confirm to an acceptable level of probability that the whole population of a blade type fulfills the design assumptions.

Single copy price: Free

Obtain an electronic copy from: Standards@aweaa.org

Order from: Sabrina Morelli, (202) 580-6458, smorelli@aweaa.org

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

AWEA (American Wind Energy Association)

New National Adoption

BSR/AWEA 61400-24-201x, Lightning Protection (identical national adoption of IEC 61400-24:2010)

This International Standard applies to lightning protection of wind turbine generators and wind power systems. Normative references are made to generic standards for lightning protection, low-voltage systems and high-voltage systems for machinery and installations and electromagnetic compatibility (EMC). This standard defines the lightning environment for wind turbines and application of the environment for risk assessment for the wind turbine. It defines requirements for protection of blades, other structural components and electrical and control systems against both direct and indirect effects of lightning. Test methods to validate compliance are recommended. Guidance on the use of applicable lightning protection, industrial electrical and EMC standards including earthing is provided. Guidance regarding personal safety is provided. Guidelines for damage statistics and reporting are provided.

Single copy price: Free

Obtain an electronic copy from: Standards@aweaa.org

Order from: Sabrina Morelli, (202) 580-6458, smorelli@aweaa.org

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

AWEA (American Wind Energy Association)***New National Adoption***

BSR/AWEA 61400-27-1-201x, Electrical simulation models - Wind turbines (identical national adoption of IEC 61400-27-1:2015)

IEC 61400-27 defines standard electrical simulation models for wind turbines and wind power plants. The specified models are time domain positive sequence simulation models, intended to be used in power system and grid stability analyses. The models are applicable for dynamic simulations of short-term stability in power systems. IEC 61400-27 includes procedures for validation of the specified electrical simulation models. The validation procedure for IEC 61400-27 is based on tests specified in IEC 61400-21. IEC 61400-27 consists of two parts with the following scope: "IEC 61400-27 -1 specifies dynamic simulation models for generic wind turbine topologies/ concepts / configurations on the market. IEC 61400-27-1 defines the generic terms and parameters with the purpose of specifying the electrical characteristics of a wind turbine at the connection terminals. The models are described in a modular way which can be applied for future wind turbine concepts. The dynamic simulation models refer to the wind turbine terminals. The validation procedure specified in IEC 61400-27-1 focuses on the IEC 61400-21 tests for response to voltage dips, reference point changes and grid protection. IEC 61400-27-2 specifies dynamic simulation models for the generic wind power plant topologies / configurations on the market including wind power plant control and auxiliary equipment. In addition IEC 61400-27 -2 specifies a method to create models for future wind power plant configurations. The wind power plant models are based on the wind turbine models specified in IEC 61400-27-1." The electrical simulation models specified in IEC 61400-27 are independent of any software simulation tool.

Single copy price: Free

Obtain an electronic copy from: Standards@awea.org

Order from: Standards@awea.org

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

AWS (American Welding Society)***New Standard***

BSR/AWS C4.7/C4.7M-201x, Recommended Practices for Oxyfuel Gas Welding of Steel (new standard)

These recommended practices for oxyacetylene welding include the latest procedures to be used in conjunction with oxyacetylene equipment and the latest safety recommendations. Complete lists of equipment are available from individual manufacturers.

Single copy price: \$48.00

Obtain an electronic copy from: jrosario@aws.org

Order from: Jennifer Rosario, (800) 443-9353, jrosario@aws.org

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

CTA (Consumer Technology Association)***Stabilized Maintenance***

BSR/CTA 931-C-2007 (S201x), Remote Control Command Pass-Through Standard for Home Networking (stabilized maintenance of ANSI/CTA 931-C-2007 (R2012))

This specification defines a standardized method for communication of certain basic operational functions between devices in a home network.

Single copy price: \$85.00

Obtain an electronic copy from: standards@cta.tech

Order from: Veronica Lancaster, (703) 907-7697, vlancaster@cta.tech

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

DASMA (Door and Access Systems Manufacturers Association)***New Standard***

BSR/DASMA 203-201x, Standard for Rolling Doors (new standard)

This standard defines minimum design and performance specifications for non-fire rated rolling doors in commercial and industrial applications, consisting of assembled, interlocking slats of steel, stainless steel, or aluminum.

Single copy price: Free

Obtain an electronic copy from: dasma@dasma.com

Order from: dasma@dasma.com

Send comments (with copy to psa@ansi.org) to: rjames@thomasamc.com

DASMA (Door and Access Systems Manufacturers Association)***New Standard***

BSR/DASMA 204-201x, Standard for Fire Rated Rolling Door Assemblies (new standard)

This standard defines minimum design and performance specifications for fire-rated rolling door assemblies in commercial and industrial applications, consisting of assembled, interlocking slats of steel or stainless steel. This standard for fire-rated rolling door assemblies is intended to cover commercial and industrial type warehouses, factories, and other facilities where a service-counter fire door, fire shutter, or fire door is required to close an opening in a firewall during an emergency. Rolling fire doors intended for frequent use should be designed for high-cycle operation.

Single copy price: Free

Obtain an electronic copy from: dasma@dasma.com

Order from: dasma@dasma.com

Send comments (with copy to psa@ansi.org) to: rjames@thomasamc.com

DASMA (Door and Access Systems Manufacturers Association)***Revision***

BSR/DASMA 109-201x, Standard Method for Testing Garage Doors: Determination of Life Cycling Performance (revision of ANSI/DASMA 109-2001 (R2007))

This test method describes the evaluation apparatus of the physical cycling performance of a door system under normal operating conditions or other specified conditions. This test method describes the apparatus and the procedure to be used for applying cyclic operation to a test specimen.

Single copy price: Free

Obtain an electronic copy from: dasma@dasma.com

Order from: dasma@dasma.com

Send comments (with copy to psa@ansi.org) to: rjames@thomasamc.com

DASMA (Door and Access Systems Manufacturers Association)

Revision

BSR/DASMA 116-201x, Standard for Section Interfaces on Residential Garage Door Systems (revision of ANSI/DASMA 116-2011)

This standard defines performance-based and prescriptive-based methods of evaluating section interfaces. Without limitation, DASMA does not represent or imply that this standard relates to any component or system other than section interfaces expressly identified and described in this standard. Inclusions: This specification is intended to cover residential garage door systems generally used for vehicular traffic.

Single copy price: Free

Obtain an electronic copy from: dasma@dasma.com

Order from: dasma@dasma.com

Send comments (with copy to psa@ansi.org) to: rjames@thomasamc.com

DASMA (Door and Access Systems Manufacturers Association)

Revision

BSR/DASMA 207-201x, Standard for Rolling Sheet Doors (revision of ANSI/DASMA 207-2012)

This standard defines minimum design and performance specifications for non-fire rated rolling sheet doors. This standard for rolling sheet door assemblies shall be intended to cover commercial and industrial type warehouses, factories, self-storage, and other facilities.

Single copy price: Free

Obtain an electronic copy from: dasma@dasma.com

Order from: dasma@dasma.com

Send comments (with copy to psa@ansi.org) to: rjames@thomasamc.com

HL7 (Health Level Seven)

Reaffirmation

BSR/HL7 V3 AB, R2-2008 (R201x), HL7 Version 3 Standard: Accounting & Billing, Release 2 (reaffirmation of ANSI/HL7 V3 AB, R2-2008 (R2012))

The HL7 Financial Management Work Group seeks to reaffirm this standard. The HL7 Version 3 Accounting & Billing Message Standards support the communication of acquired patient payer information and specific acquired charges for services to a patient/payer billing system. Examples of services facilitated by this standard include the creation and management of patient billing accounts and the posting of financial transactions against patient billing accounts for the purpose of aggregating financial transactions that will be submitted as claims or invoices for reimbursement.

Single copy price: Free to HL7 members and non-members

Obtain an electronic copy from: Karenvan@HL7.org

Order from: Karen Van Hentenryck, (734) 677-7777, Karenvan@HL7.org

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

HL7 (Health Level Seven)

Reaffirmation

BSR/HL7 V3 CGPED, R1-2007 (R201x), HL7 Version 3 Standard: Clinical Genomics; Pedigree, Release 1 (reaffirmation of ANSI/HL7 V3 CGPED, R1-2007 (R2012))

This is a reaffirmation of the HL7 Version 3 Standard: Clinical Genomics; Pedigree, R1. Pedigree is a data standard for transmitting family health histories between systems. This includes describing a patient's full pedigree with diseases and conditions, and the option to link genetic data and risk analysis, with the ability for use by clinical decision support. The Pedigree model is mentioned as an acceptable standard in the US Meaningful Use Stage 2 and 3 requirements.

Single copy price: Free to HL7 members and non-members

Obtain an electronic copy from: Karenvan@HL7.org

Order from: Karen Van Hentenryck, (734) 677-7777, Karenvan@HL7.org

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

HL7 (Health Level Seven)

Reaffirmation

BSR/HL7 V3 CR, R4-2008 (R201x), HL7 Version 3 Standard: Claims and Reimbursement, Release 4 (reaffirmation of ANSI/HL7 V3 CR, R4-2008 (R2012))

The Financial Management Work Group seeks to reaffirm this standard. It provides non-US realm support for generic, pharmacy, preferred accommodation, physician, oral health, vision care and hospital claims for eligibility, authorization, coverage extension, pre-determination, invoice adjudication, payment advice and Statement of Finance Activity (SOFA).

Single copy price: Free to HL7 members and non-members

Obtain an electronic copy from: Karenvan@HL7.org

Order from: Karen Van Hentenryck, (734) 677-7777, Karenvan@HL7.org

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

HL7 (Health Level Seven)

Reaffirmation

BSR/HL7 V3 TR ebXMLebM2, R1-2012 (R201x), HL7 Version 3 Standard: Transport Specification - ebXML Using eb MS2.0, Release 1 (reaffirmation of ANSI/HL7 V3 TR ebXMLebM2, R1-2012)

The purpose of the ebXML message transport is to provide a secure, flexible transport for exchanging HL7 messages and other content, and potentially other message formats, between handling interfaces of ebXML Message Service Handlers (ebXML MSH). This document describes a specific implementation of the ebXML Message Service as described in "Message Service Specification Version 2.0 1 April 2002."

Single copy price: Free to HL7 members and non-members

Obtain an electronic copy from: Karenvan@HL7.org

Order from: Karen Van Hentenryck, (734) 677-7777, Karenvan@HL7.org

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

NEMA (ASC C78) (National Electrical Manufacturers Association)**Revision**

BSR C78.43-201X, Electric Lamps - Single-Ended Metal Halide Lamps (revision and redesignation of ANSI ANSLG C78.43-2013)

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

Single copy price: \$220.00

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

Order from: Michael Erbesfeld, 703-841-3262, Michael.Erbesfeld@nema.org

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

SCTE (Society of Cable Telecommunications Engineers)**Revision**

BSR/SCTE 30-201x, Digital Program Insertion Splicing API (revision of ANSI/SCTE 30-2015)

This Application Program Interface (API) creates a standardized method of communication between Servers and Splicers for the insertion of content into any MPEG-2 Output Multiplex in the Splicer. This API is flexible enough to support one or more Servers attached to one or more Splicers. Digital Program Insertion includes content such as spot advertisements of various lengths, program substitution, public service announcements or program material created by splicing portions of the program from a Server.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

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

SCTE (Society of Cable Telecommunications Engineers)**Revision**

BSR/SCTE 35-201x, Digital Program Insertion Cueing Message for Cable (revision of ANSI/SCTE 35-2016)

This standard supports delivery of events, frame accurate or non-frame accurate, and associated descriptive data in MPEG-2 transport streams, MPEG-DASH and HLS. This standard supports the splicing of content (MPEG-2 transport streams, MPEG-DASH, etc.) for the purpose of Digital Program Insertion, which includes advertisement insertion and insertion of other content types. An in-stream messaging mechanism is defined to signal splicing and insertion opportunities and it is not intended to ensure seamless insertion (splicing, playlist, etc.).

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

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

SCTE (Society of Cable Telecommunications Engineers)**Revision**

BSR/SCTE 79-3-201x, DOCSIS 2.0 + IPv6 Cable Modem Standard (revision of ANSI/SCTE 79-3-2011)

This document is an extension to the DOCSIS 2.0 family of standards, which define high-speed data-over-cable systems. For an overview of DOCSIS 2.0, refer to [RFIV2.0]. The [RFIV2.0] specification requires the CM to support IP version 4 for provisioning and management. This present document provides IPv6 provisioning and management functionality for DOCSIS 2.0 CMs, connected IPv6 eSAFEs, and external CPE devices. The term DOCSIS 2.0 +IPv6 CM is used to represent such Cable Modems.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

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

SCTE (Society of Cable Telecommunications Engineers)**Revision**

BSR/SCTE 107-201x, Embedded Cable Modem Devices (revision of ANSI/SCTE 107-2009)

This specification defines additional features that must be added to a DOCSIS Cable Modem for implementations that embed the Cable Modem with another application, such as an IPCablecom MTA.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

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

SCTE (Society of Cable Telecommunications Engineers)**Revision**

BSR/SCTE 133-201x, Downstream RF Interface for Cable Modem Termination System (revision of ANSI/SCTE 133-2010)

This document defines the downstream radio-frequency interface [DRFI] specifications for: an edgeQAM (EQAM) modular device, or, an integrated Cable Modem Termination System [CMTS] with multiple downstream channels per RF port, or, an integrated CMTS beyond DOCSIS 2.0.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

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

SCTE (Society of Cable Telecommunications Engineers)**Revision**

BSR/SCTE 137-1-201x, Modular Headend Architecture - Part 1: DOCSIS Timing Interface (revision of ANSI/SCTE 137-1-2010)

The requirements for timing and synchronization of the DOCSIS system come from the following areas: Existing DOCSIS Specification & ATP Requirements, Remote PHY System Requirements, Implementation Requirements, and Emerging Services like T-Services and wireless.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

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

SCTE (Society of Cable Telecommunications Engineers)**Revision**

BSR/SCTE 142-201x, Recommended Practice for Transport Stream Verification (revision of ANSI/SCTE 142-2009)

This Recommended Practice provides a common methodology for describing Transport Stream conformance criteria. This document explicitly describes the elements and parameters of SCTE 54, along with ATSC A/53 -3, and A/65 that should be verified in an SCTE Transport Stream for it to be considered a proper emission. It does not cover RF, captioning, or elementary streams.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

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

SCTE (Society of Cable Telecommunications Engineers)**Revision**

BSR/SCTE 168-6-201x, Recommended Practice for Monitoring Multimedia Distribution Quality (revision of ANSI/SCTE 168-6-2010)

The scope of this Recommended Practice document is to provide background and discussion on Multimedia Management (MMM) system requirements to assist the cable operator with MMM deployment design tradeoffs as well as provide guidance and recommendations on several topics related to the deployment of Multimedia Management systems based on the experiences to date of both the participating committee operators and vendor companies and the directions of ongoing work in the HMS.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

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

SCTE (Society of Cable Telecommunications Engineers)**Revision**

BSR/SCTE 168-7-201x, Recommended Practice for Transport Stream Verification in an IP Transport Network (revision of ANSI/SCTE 168-7-2010)

This Recommended Practice is to give guidance about detecting errors in the IP Transport network used for the delivery of media services including Video and Audio streams of data with the associated control information to provide MPEG transport through an IP network. The IP Transport Layer operates in conjunction with other Application and Physical component layers that could also generate network impairments, this document will focus on the effect these impairments have on the detection of the cause of problems in the delivery of media services.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

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

SCTE (Society of Cable Telecommunications Engineers)**Revision**

BSR/SCTE 175-201x, Recommended Practice for Qualifying Network Devices for High Availability Streaming Video (revision of ANSI/SCTE 175 -2011)

The ANSI/SCTE 168 series of Recommended Practices describe IP video networks at MSO Headend, Core, and Hub networks. The recommended baseline tests in this document are intended to represent the operation of network devices in these three applications. These baseline tests provide a common set of reference results that can be used to preliminary screen equipment and configurations during the selection, configuration, and deployment process.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

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

UL (Underwriters Laboratories, Inc.)**Reaffirmation**

BSR/UL 2335-2012 (R201x), Standard for Safety for Fire Tests of Storage Pallets (reaffirmation of ANSI/UL 2335-2012)

UL proposes a reaffirmation for UL 2335.

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: Griff Edwards, 919 549 -0956, griff.edwards@ul.com

Comment Deadline: August 29, 2017**ASME (American Society of Mechanical Engineers)****New Standard**

BSR/ASME Y14.41.1-201x, 3D Model Organization Schema (new standard)

This standard establishes a schema for organizing information in a model within a digital product definition data set. The schema defines a common practice to improve design productivity and to deliver consistent data content and structure to consumers of the data. An alternate method of data organization may be used as long as a cross-reference is provided to the schema.

Single copy price: Free

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

Send comments (with copy to psa@ansi.org) to: Fredric Constantino, (212) 591-8684, constantinof@asme.org

ASNT (American Society for Nondestructive Testing)***New National Adoption***

BSR/ASNT CP-106-201x, Nondestructive Testing - Qualification and Certification of Personnel (national adoption of ISO 9712:2012 with modifications and revision of ANSI/ASNT CP-106-2008)

Provide a system for the qualification and certification of NDT personnel by third-party certification bodies.

Single copy price: N/A

Obtain an electronic copy from: https://www.asnt.org/MajorSiteSections/NDT-Resource-Center/Codes_and_Standards/ASNT_Standards/ansi-asnt_cp-106/2017_public_review

Order from: N/A

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

UL (Underwriters Laboratories, Inc.)***Revision***

BSR/UL 1973-201x, Standard for Safety for Batteries for Use In Light Electric Rail (LER) Applications and Stationary Applications (revision of ANSI/UL 1973-2016)

(1) The proposed 2nd edition of UL 1973 as an American National Standard and National Standard of Canada, which includes the following changes: (a) Revision of short-circuit test loading in 14.2, (b) Revision of instruction requirements to include arc flash/blast calculation information to users, (c) Revision to Internal Fire Test, (d) Terminology revision throughout the entire standard to change "energy storage systems" to "battery systems", (e) Addition of a short circuit current and duration marking for battery systems, (f) Requirements for Canada

Single copy price: \$<http://www.shopulstandards.com>

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

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

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.

ARMA (ARMA International)

ANSI/ARMA 18-2011, Implications of Web-Based, Collaborative Technologies in Records Management

Questions may be directed to: Nancy Barnes, (913) 312-5565, standards@armaintl.org

Correction**Correction to Link in Call-for-Comment Listing****BSR/IACET 1-201x**

The URL link that was published for BSR/IACET 1-201x in the Call-for-Comment section of the June 23, 2017 issue of Standards Action was inadvertently broken. The link for that standard is as follows:

<https://www.iacet.org/rfc/>

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.

ASNT (American Society for Nondestructive Testing)

Office: 1711 Arlingate Lane
P.O. Box 28518
Columbus, OH 43228-0518

Contact: Charles Longo

Phone: (800) 222-2768 ext 241

Fax: (614) 274-6899

E-mail: clongo@asnt.org

BSR/ASNT CP-106-201x, Nondestructive Testing- Qualification and Certification of Personnel (national adoption of ISO 9712:2012 with modifications and revision of ANSI/ASNT CP-106-2008)

AWEA (American Wind Energy Association)

Office: 1501 M St., NW, Suite 900
Washington, DC 20005

Contact: Sabrina Morelli

Phone: (202) 580-6458

E-mail: smorelli@awea.org

BSR/AWEA 61400-23-201x, Full scale structural testing of rotor blades (identical national adoption of IEC 61400-23:2014)

BSR/AWEA 61400-24-201x, Lightning Protection (identical national adoption of IEC 61400-24:2010)

BSR/AWEA 61400-27-1-201x, Electrical simulation models - Wind turbines (identical national adoption of IEC 61400-27-1:2015)

CTA (Consumer Technology Association)

Office: 1919 South Eads Street
Arlington, VA 22202

Contact: Veronica Lancaster

Phone: (703) 907-7697

Fax: (703) 907-4197

E-mail: vlancaster@cta.tech

BSR/CTA 931-C-2007 (S201x), Remote Control Command Pass-Through Standard for Home Networking (stabilized maintenance of ANSI/CTA 931-C-2007 (R2012))

BSR/CTA 2070-201x, Considerations for Viewer Quality Experience of Augmented and Mixed Reality Systems (new standard)

BSR/CTA 2071-201x, Considerations for Viewer Quality Experience of Virtual Reality Systems (new standard)

NSF (NSF International)

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

Contact: Lauren Panoff

Phone: (734) 769-5197

E-mail: lpanoff@nsf.org

BSR/NSF 50-201x (i129r2), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2016)

BSR/NSF 416-201x (i4r1), Sustainability assessment for water treatment chemical products (revision of ANSI/NSF 416-2014 (i2r1))

RVIA (Recreational Vehicle Industry Association)

Office: 1896 Preston White Drive
P.O. Box 2999
Reston, VA 20191-4363

Contact: Kent Perkins

Phone: (703) 620-6003

E-mail: kperkins@rvia.org

BSR/RVIA RV-EXTLAD-201x, Recommended Practice Laboratory Test Procedures for Exterior Ladders on Recreational Vehicles (new standard)

UL (Underwriters Laboratories, Inc.)

Office: 47173 Benicia Street
Fremont, CA 94538

Contact: Paul Lloret

Phone: (510) 319-4269

E-mail: Paul.E.Lloret@ul.com

BSR/UL 1322-201x, Standard for Safety for Fabricated Scaffold Planks and Stages (revision of ANSI/UL 1322-2010 (R2015))

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.

ABYC (American Boat and Yacht Council)

Revision

- * ANSI/ABYC H-5-2017, Boat Load Capacity (revision of ANSI/ABYC H-5-2016): 6/15/2017
- ANSI/ABYC H-8-2017, Buoyancy in the Event of Flooding/Swamping (revision of ANSI/ABYC H-8-2012): 6/15/2017
- * ANSI/ABYC H-30-2017, Hydraulic Systems (revision of ANSI/ABYC H-30-2011): 6/15/2017
- * ANSI/ABYC H-35-2017, Powering and Load Capacity of Pontoon Boats (revision of ANSI/ABYC H-35-2011): 6/15/2017
- * ANSI/ABYC H-37-2017, Jet Boats - Light Weight (revision of ANSI/ABYC H-37-2012): 6/15/2017
- * ANSI/ABYC P-21-2017, Manual Hydraulic Steering Systems (revision of ANSI/ABYC P-21-2012): 6/22/2017

ASME (American Society of Mechanical Engineers)

Revision

- ANSI/ASME A112.19.10-2017, Retro Dual Flush Devices for Water Closets (revision of ANSI/ASME A112.19.10-2003 (R2008)): 6/19/2017
- ANSI/ASME A112.18.6/CSA B125.6-2017, Flexible Water Connectors (revision of ANSI/ASME A112.18.6/CSA B125.6-2009 (R2014)): 6/19/2017
- ANSI/ASME Y14.100-2017, Engineering Drawing Practices (revision of ANSI/ASME Y14.100-2004 (R2013)): 6/22/2017

ASSE (ASC A10) (American Society of Safety Engineers)

Reaffirmation

- ANSI ASSE A10.15-1995 (R2017), Safety Requirements for Dredging (reaffirmation of ANSI ASSE A10.15-1995 (R2011)): 6/15/2017
- * ANSI ASSE A10.27-1998 (R2017), Hot Mix Asphalt Facilities (reaffirmation of ANSI ASSE A10.27-1998 (R2011)): 6/15/2017

Revision

- ANSI ASSE A10.19-2017, Safety Requirements for Pile Installation and Extraction Operations (revision of ANSI ASSE A10.19-2008 (R2016)): 6/15/2017

ASTM (ASTM International)

New Standard

- ANSI/ASTM F3249-2017, Specification for Treestands, Climbing Sticks and Tripod or Tower Stands (new standard): 6/15/2017

Revision

- ANSI/ASTM D7445-2017, Specification for Rigid Poly(Vinyl Chloride) (PVC) Siding with Foam Plastic Backing (Backed Vinyl Siding) (revision of ANSI/ASTM D7445-2009): 6/13/2017
- ANSI/ASTM E122-2017, Practice for Calculating Sample Size to Estimate, with Specified Precision, the Average for a Characteristic of a Lot or Process (revision of ANSI/ASTM E122-2009): 6/13/2017

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

- ANSI/ATIS 0300097-2017, Structure for the Identification of Communications Connections for Information Exchange (revision of ANSI/ATIS 0300097-2013): 6/15/2017
- ANSI/ATIS 0600010.04-2017, Operational Vibration Requirements for Communications Equipment (revision of ANSI/ATIS 0600010.04-2011): 6/15/2017

AWS (American Welding Society)

Addenda

- ANSI/AWS C3.5M/C3.5-2016-AMD1, Specification for Induction Brazing (addenda to ANSI/AWS C3.5M/C3.5-2016): 6/16/2017

AWWA (American Water Works Association)

Revision

- ANSI/AWWA B502-2017, Sodium Polyphosphate, Glassy (revision of ANSI/AWWA B502-2011): 6/16/2017
- ANSI/AWWA B503-2017, Sodium Tripolyphosphate (revision of ANSI/AWWA B503-2011): 6/19/2017

BHMA (Builders Hardware Manufacturers Association)

Revision

- * ANSI/BHMA A156.10-2017, Power Operated Pedestrian Doors (revision of ANSI/BHMA A156.10-2011): 6/22/2017
- * ANSI/BHMA A156.22-2017, Door Gasketing and Edge Seal Systems (revision of ANSI/BHMA A156.22-2012): 6/19/2017

CSA (CSA Group)

New Standard

- * ANSI/CSA NGV 5.2-2017, Standard for Compressed Natural Gas Vehicle (NGV) Fueling Appliances (new standard): 6/15/2017

CTA (Consumer Technology Association)

Reaffirmation

- * ANSI/CTA 708.1-2012 (R2017), Closed Captioning for 3D Video (reaffirmation of ANSI/CTA 708.1-2012): 6/22/2017
- * ANSI/CTA 803-B-2012 (R2017), Mobile Electronics Wiring Designations for Audio, and Vehicle Security/Convenience (reaffirmation of ANSI/CTA 803-A-2007): 6/19/2017

ECIA (Electronic Components Industry Association)

Reaffirmation

- ANSI/EIA 364-114-2010 (R2017), Coupling and Uncoupling Force Test Procedure for Electrical Connectors, Sockets and Applicable Accessories (reaffirmation of ANSI/EIA 364-114-2010): 6/19/2017

Revision

ANSI/EIA 364-96A-2017, Plated Through Hole Integrity Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-96-2002 (R2016)): 6/19/2017

EOS/ESD (ESD Association, Inc.)**New Standard**

ANSI/ESD SP5.1.3-2017, ESD Association Standard Practice for Electrostatic Discharge Sensitivity Testing - Human Body Model (HBM) Testing - Component Level - A Method for Randomly Selecting Pin Pairs (new standard): 6/19/2017

HL7 (Health Level Seven)**New Standard**

ANSI/HL7 V3 HQMF, R1-2017, HL7 Version 3 Standard: Representation of the Health Quality Measures Format (eMeasure), Release 1 (new standard): 6/15/2017

Reaffirmation

ANSI/HL7 EHRXPVFP, R1-2012 (R2017), HL7 EHR-System Pharmacist/Pharmacy Provider Functional Profile, Release 1 - US Realm (reaffirmation of ANSI/HL7 EHRXPVFP, R1-2012): 6/12/2017

HPS (ASC N13) (Health Physics Society)**Reaffirmation**

ANSI N13.30-2011 (R2017), Performance Criteria for Radiobioassay (reaffirmation of ANSI N13.30-2011): 6/14/2017

IAPMO (ASSE Chapter) (ASSE International Chapter of IAPMO)**New Standard**

ANSI/ASSE 1022-2017, Performance Requirements for Backflow Preventers for Beverage Dispensing Equipment (new standard): 6/15/2017

IEEE (Institute of Electrical and Electronics Engineers)**New Standard**

ANSI/IEEE C57.139-2015, Guide for Dissolved Gas Analysis in Transformer Load Tap Changers (new standard): 6/12/2017

Revision

ANSI/IEEE C57.12.00-2015, Standard for General Requirements for Liquid-Immersed Distribution, Power, and Regulating Transformers (revision of ANSI/IEEE C57.12.00-2010): 6/12/2017

ITI (INCITS) (InterNational Committee for Information Technology Standards)**New National Adoption**

INCITS/ISO 19101-1:2014[2017], Geographic information - Reference model - Part 1: Fundamentals (identical national adoption of and revision of INCITS/ISO 19101:2002 [R2012]): 6/19/2017

INCITS/ISO 19136-2:2015[2017], Geographic information - Geography Markup Language (GML) - Part 2: Extended schemas and encoding rules (identical national adoption of ISO 19136-2:2015): 6/19/2017

NEMA (ASC C8) (National Electrical Manufacturers Association)**New Standard**

ANSI ICEA S-84-608-2017, Standard for Telecommunications Cable Filled, Polyolefin Insulated, Copper Conductor Technical Requirements (new standard): 6/12/2017

NISO (National Information Standards Organization)**Withdrawal**

ANSI/NISO Z39.84-2005, Syntax for the Digital Object Identifier (withdrawal of ANSI/NISO Z39.84-2005 (R2010)): 6/15/2017

NSF (NSF International)**Revision**

- * ANSI/NSF 14-2017 (i83r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2016a): 6/18/2017
- * ANSI/NSF 42-2017 (i94r1), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2016): 6/13/2017
- * ANSI/NSF 44-2017 (i42r1), Residential Cation Exchange Water Softeners (revision of ANSI/NSF 44-2016): 6/13/2017
- * ANSI/NSF 53-2017 (i106r1), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2016): 6/13/2017
- * ANSI/NSF 55-2017 (i43r1), Ultraviolet Microbiological Water Treatment Systems (revision of ANSI/NSF 55-2016): 6/13/2017
- * ANSI/NSF 58-2017 (i78r1), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2016): 6/13/2017
- * ANSI/NSF 62-2017 (i32r1), Drinking Water Distillation Systems (revision of ANSI/NSF 62-2016): 6/13/2017
- * ANSI/NSF 401-2017 (i8r1), Drinking water treatment units - Emerging compounds/incidental contaminants (revision of ANSI/NSF 401-2016): 6/13/2017

OEOSC (ASC OP) (Optics and Electro-Optics Standards Council)**Revision**

ANSI OEOSC OP1.002-2017, Optics and Electro-Optical Instruments - Optical Elements and Assemblies - Surface Imperfections (revision of ANSI/OEOSC OP1.002-2009): 6/19/2017

SVIA (Specialty Vehicle Institute of America)**Revision**

- * ANSI/SVIA 1-2017, Four Wheel All-Terrain Vehicles (revision of ANSI/SVIA 1-2010): 6/8/2017

TIA (Telecommunications Industry Association)**Addenda**

ANSI J-STD-036-C-2-2017, Enhanced Wireless 9-1-1 Phase II (addenda to ANSI J-STD-036-C-2011): 6/19/2017

New National Adoption

ANSI/TIA 5048-2017, Automated Infrastructure Management (AIM) Systems - Requirements, Data Exchange and Applications (national adoption with modifications of ISO/IEC 18598): 6/22/2017

New Standard

ANSI/TIA 5045-2017, Numeric Identifier for Conventional Analog Operation (new standard): 6/22/2017

Revision

ANSI/TIA 102.BAAA-B-2017, FDMA - Common Air Interface (revision and redesignation of ANSI/TIA 102.BAAA-A-2003 (R2013)):

6/19/2017

ANSI/TIA 102.BAAC-D-2017, Common Air Interface Reserved Values (revision and redesignation of ANSI/TIA 102.BAAC-C-2011):

6/19/2017

ANSI/TIA 470.120-D-2017, Telecommunications - Telephone Terminal Equipment - Transmission Requirements for Analog Speakerphones (revision and redesignation of ANSI/TIA 470.120-C-2011):

6/19/2017

ANSI/TIA 606-C-2017, Administration Standard for Telecommunications Infrastructure (revision and redesignation of ANSI/TIA 606-B-2012): 6/19/2017

UL (Underwriters Laboratories, Inc.)**New National Adoption**

ANSI/UL 60384-14-2017, Standard for Safety for Fixed Capacitors for Use in Electronic Equipment - Part 14: Sectional Specification: Fixed Capacitors for Electromagnetic Interference Suppression and Connection to the Supply Mains (national adoption of IEC 60384-14 with modifications and revision of ANSI/UL 60384-14-2016a):

6/1/2017

New Standard

* ANSI/UL 7005-2017, Standard for Sustainability for Household Clothes Drying Appliances (new standard): 6/22/2017

Reaffirmation

ANSI/UL 608-2012 (R2017), Standard for Safety for Burglary Resistant Vault Doors and Modular Panels (reaffirmation of ANSI/UL 608-2012): 6/5/2017

ANSI/UL 60730-2-14-2013 (R2017), Standard for Automatic Electrical Controls; Part 2: Particular Requirements for Electric Actuators (reaffirmation of ANSI/UL 60730-2-14-2013): 6/6/2017

Revision

ANSI/UL 248-1-2017, Standard for Safety for Low-Voltage Fuses - Part 1: General Requirements (revision of ANSI/UL 248-1-2011 (R2015)): 6/16/2017

ANSI/UL 1581-2017a, Standard for Safety for Reference Standard for Electrical Wires, Cable, and Flexible Cords (Proposals dated 5/5/17) (revision of ANSI/UL 1581-2016): 6/9/2017

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.

ANS (American Nuclear Society)

Office: 555 North Kensington Avenue
La Grange Park, IL 60526

Contact: Kathryn Murdoch

Fax: (708) 579-8248

E-mail: kmurdoch@ans.org

BSR/ANS 56.8-201x, Containment System Leakage Test Requirements (revision of ANSI/ANS 56.8-2002 (R2016))

Stakeholders: Reactor vendors, plant architect-engineers/constructors, nuclear regulatory authorities, national/international nuclear energy agencies/laboratories, nuclear facility owners/operators.

Project Need: This revision incorporates new risk-informed containment leakage testing requirements and test intervals for Type A, B, and C tests. These have arisen due to improvements in risk-informed analysis and data collected since the first use of risk-informed containment leakage rate testing intervals in 1994. There is a great need in the industry for clear and consistent definitions of which containment pathways are required to be tested within the scope of this standard.

This standard specifies acceptable primary containment leakage rate test requirements to assure valid testing. The scope includes (1) leakage test requirements; (2) test instrumentation; (3) test procedures; (4) test methods; (5) acceptance criteria; (6) data analysis; (7) inspection and recording of test results; and (8) definition and determination of Appendix J Pathways.

ASABE (American Society of Agricultural and Biological Engineers)

Office: 2950 Niles Road
St Joseph, MI 49085

Contact: Jean Walsh

Fax: (269) 429-3852

E-mail: walsh@asabe.org

BSR/ASABE S652 MONYEAR-201x, Wind Loads on Circular Grain Bins (new standard)

Stakeholders: Manufacturers of grain bins and engineers designing grain bins.

Project Need: Wind loading guidance is needed for structural design of grain bins.

Wind loads on roof and walls of individual circular grain bins and wind loads on groups of grain bins.

ASCE (American Society of Civil Engineers)

Office: 1801 Alexander Bell Dr
Reston, VA 20191

Contact: James Neckel

E-mail: jneckel@asce.org

BSR/ASCE/COPRI-201x, Design Standards for Piers and Wharves (new standard)

Stakeholders: Architect and engineering firms, U.S. Department of the Navy, U.S. Department of Homeland Security, port authorities, state code enforcement agencies.

Project Need: The purpose of this standard is to provide a consensus-driven, single-resource document that provides consistent analysis and design guidance for determining loads, load combinations, and load factors for mooring, berthing, and wave/current forces.

The scope includes fixed structures connected to land via trestles as well as fixed, nearshore island terminals near. Benefits of the new standard to the engineering community include the following: Creating a consistent guidance that supports streamlining the design, check, quality, and approval processes, Crafting one, comprehensive "informative guidance document" that references all available national and international standards and guidelines, Attracting research-specific funding to study industry best practices for design issues related to piers and wharves analysis and design

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 B16.9-201x, Factory-Made Wrought Butt Welding Fittings (revision of ANSI/ASME B16.9-2012)

Stakeholders: Users, manufacturers, distributors, consultants, and government.

Project Need: This standard provides updates to the 2012 edition of B16.9 Standard on Factory-Made Wrought Butt Welding Fittings.

This Standard covers overall dimensions, tolerances, ratings, testing, and markings for factory-made wrought butt welding fittings in sizes NPS 1/2 through NPS 48 (DN 15 through DN 1200).

BSR/ASME Y14.43-201x, Dimensioning and Tolerancing Principles for Gages and Fixtures (revision of ANSI/ASME Y14.43-2011)

Stakeholders: Design engineers, inspectors, and manufacturing (automotive, aerospace, medical, etc.).

Project Need: This document is being revised to harmonize and better align with changes accepted in latest draft of Y14.5.

This Standard presents the design practices for dimensioning and tolerancing of gages and fixtures used for the verification of maximum material condition (MMC) size envelopes and virtual condition boundaries generated by geometric tolerances controlled at maximum material condition. These practices focus on the design of receiver-type gages used for the verification of workpieces dimensioned and toleranced in accordance with ASME Y14.5.

AWWA (American Water Works Association)

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BSR/AWWA B100a-201x, Addendum to B100-16, Granular Filter Material (supplement to ANSI/AWWA B100-2015)

Stakeholders: Drinking water treatment and supply industry, water utilities, consulting engineers, water treatment equipment manufacturers, etc.

Project Need: The purpose of this addendum to B100-16 is to add a reference to ASTM C114-15, Standard Test Method for Chemical Analysis of Hydraulic Cement, and add a Chemical Requirement for the silicon dioxide content of silica sand used as filter material.

This standard describes gravel, high-density gravel, silica sand, high-density media, anthracite filter materials, and the placement of the materials in filters for water supply service application.

CSA (CSA Group)

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- * BSR Z21.96-201x, Portable Water Heaters for Outdoor Use (same as CSA 11.6) (revision of ANSI Z21.96-2014)

Stakeholders: Consumers, manufacturers, gas suppliers, and certifying agencies.

Project Need: Revised and new text.

Details test and examination criteria for portable water heaters using propane, butane, and liquefied petroleum gases and mixtures thereof. This standard applies to portable water heaters having regulated or non-regulated pressure and intended for direct or remote connection to the fuel container.

CTA (Consumer Technology Association)

Office: 1919 South Eads Street
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E-mail: vlancaster@cta.tech

- * BSR/CTA 2070-201x, Considerations for Viewer Quality Experience of Augmented and Mixed Reality Systems (new standard)

Stakeholders: Consumers, manufacturers, and retailers.

Project Need: To define best practices for creating content for augmented reality technologies.

This document will outline best practices for augmented and mixed reality technologies and systems related to quality of experience for end users.

- * BSR/CTA 2071-201x, Considerations for Viewer Quality Experience of Virtual Reality Systems (new standard)

Stakeholders: Consumers, manufacturers, and retailers.

Project Need: To define best practices for creating content for virtual reality technologies.

This document will outline best practices for virtual reality technologies and systems related to quality of experience for end users.

NEMA (ASC C78) (National Electrical Manufacturers Association)

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- * BSR C78.20-201X, Standard for Electric Lamps - A, G, PS, and Similar Shapes with E26 Medium Screw Bases (revision of ANSI C78.20-2003 (R2015))

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

Project Need: This project is needed to add the G25 and G16.5 to the standard.

This standard sets forth physical and electrical characteristics of the group of incandescent lamps that have A, G, PS, and similar bulb shapes with E26 single- and double-contact medium screw bases including the reduced wattage versions. Only clear, inside-frost, frost-equivalent, and white-bulb finishes are acknowledged. Excluded from this standard are tungsten-halogen and projection lamps.

BSR C78.377-201X, Electric Lamps: Specifications for the Chromaticity of Solid-State Lighting Products (revision of ANSI C78.377-2017)

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

Project Need: This project is needed to add a new annex to the standard that will address 10-degree binning.

The purpose of this standard is to specify the range of chromaticities recommended for general lighting with solid state lighting (SSL) products, as well as to ensure that the white light chromaticities of the products can be communicated to consumers. This standard applies to LED lamps, LED light engines, and LED luminaires for general indoor lighting applications. This document does not apply to lighting fixtures sold without a light source. This standard does not apply to SSL products for outdoor applications. This standard also does not apply to SSL products for some indoor applications that intentionally produce tinted or colored light. This document does not include OLED products.

BSR C78.389-1989 (S201x), Electric lamps - High Intensity Discharge - Methods of Measuring Characteristics (stabilized maintenance of ANSI C78.389-1989 (R2009))

Stakeholders: Manufacturers, users, test labs, lighting specifiers.

Project Need: This project is needed to put this standard into Stabilized Maintenance.

This standard describes the procedures to be followed and the precautions to be observed in measuring the electrical characteristics of high-intensity discharge lamps as specified in the American National Standard Specifications for Mercury (Hg), High-pressure Sodium (HPS) and Metal Halide (MH) Lamps, as referenced in clause 2, Normative references. It is the purpose of this standard to outline methods of measurement that will make it possible to obtain reproducible and accurate measurements of High Intensity Discharge lamp characteristics. Deviations from the procedures given in this standard are permissible for production or other testing, provided that the methods used give results in substantial agreement with the methods given in this standard. In cases of doubt, reference shall be made to the methods specified in the appropriate American National Standard, referenced in clause 2, to establish the validity of the results obtained by any alternate procedure.

BSR C78.62612-201X, Standard for Electric Lamps - Self-ballasted LED Lamp - Performance Specifications (new standard)

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

Project Need: This project is needed as self-ballasted led lamps have become common in the US marketplace and a standard for performance supports this marketplace.

This Standard specifies the performance requirements, together with the test methods and conditions, required to show compliance of LED lamps with integral means for stable operation, intended for domestic and similar general lighting purposes.

BSR C78.62717-201X, Standard for Electric Lamps - LED modules for general lighting - Performance Requirements (new standard)

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

Project Need: This project is needed as LED modules have become an integral part of LED products in the US marketplace and a standard for performance supports this marketplace.

This Standard specifies the performance requirements for LED modules, together with the test methods and conditions, required to show compliance with this standard.

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* BSR C81.61-201X, Standard for Electrical Lamp Bases Specifications for Bases (Caps) for Electric Lamps (revision of ANSI C81.61-2017)

Stakeholders: Manufacturers, users, test labs, lighting specifiers.

Project Need: This project is needed for the revision of the G6.6, Snap-Fit System for Tubular LED Lamps, addition of G6.6X (non-grounded), G6.6LV (low-voltage), and G6.6NP (non-powered end) in G6.6, as well as adoption of IEC GR6d Fit System.

This standard sets forth the specifications for bases (caps) used on electric lamps.

* BSR C81.62-201X, Electric Lampholders (revision of ANSI C81.62-2017)

Stakeholders: Manufacturers, users, test labs, lighting specifiers.

Project Need: This project is needed for the revision of the G6.6, Snap-Fit System for Tubular LED Lamps, addition of G6.6X (non-grounded), G6.6LV (low-voltage), and G6.6NP (non-powered end) in G6.6, as well as adoption of IEC GR6d Fit System.

This standard sets forth the specifications for lampholders for electric lamps.

* BSR C81.63-201X, Gauges for Electric Lamp Bases and Lampholders (revision of ANSI C81.63-2007 (R2014))

Stakeholders: Manufacturers, users, test labs, lighting specifiers.

Project Need: This project is needed to reinstate the 1991 ANSI Go gauge, as well as reinstate the original ANSI standard sheet No. 3-179-1.

This standard sets forth the specifications for gauges for bases (caps) and lampholders for electric lamps.

NEMA (ASC C82) (National Electrical Manufacturers Association)

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BSR C82.11-201X, Lamp Ballasts: High Frequency Fluorescent Lamp Ballasts (revision of ANSI C82.11-2017)

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

Project Need: This project is needed to test compliance of fluorescent lamp ballasts with applicable standby power, dimming ballast energy efficiency, and uncertainty determination requirements.

This standard is intended to cover high-frequency ballasts which have rated open-circuit voltages of 2000 volts or less, to operate the lamp at frequencies between 10 kHz and 500 kHz, and are intended to operate at a supply frequency of 50 Hz or 60 Hz. This comprises ballasts for hot-cathode fluorescent lamps, either switch-start (preheat-start), rapid-start (continuously heated cathodes), modified rapid start, programmed start, or instant start used primarily for lighting purposes. The ballast and lamp combinations covered by this specification are normally intended for use in room ambient temperatures of 10°C to 40°C. At ambient temperatures outside this range, certain special operating characteristics may be required.

RVIA (Recreational Vehicle Industry Association)

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BSR/RVIA RV-EXTLAD-201x, Recommended Practice Laboratory
Test Procedures for Exterior Ladders on Recreational Vehicles (new
standard)

Stakeholders: Recreational vehicle manufacturers, RV component
manufacturers, and operators of RVs.

Project Need: To provide opportunity to revise and upgrade minimum
safety requirements for the listing of exterior ladders intended for
installation and operation on recreational vehicles.

The purpose of this recommended practice, laboratory test procedures,
is to provide minimum safety criteria, through uniform testing, of
exterior ladders by the ladder manufacturers and by recreational
vehicle manufacturers for exterior ladders as installed and used on
recreational vehicles.

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)
- AAMVA (American Association of Motor Vehicle Administrators)
- AARST (The AARST Consortium on National Radon Standards)
- 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 (The Green Building Initiative)
- GEIA (Greenguard Environmental Institute)
- HL7 (Health Level Seven)
- IESNA (The Illuminating Engineering Society of North America)
- MHI (ASC MH10) (Material Handling Industry)
- NAHBRC (NAHB Research Center, Inc.)
- NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)
- NCPDP (National Council for Prescription Drug Programs)
- NISO (National Information Standards Organization)
- NSF (NSF International)
- PRCA (Professional Ropes Course Association)
- RESNET (Residential Energy Services Network)
- 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.

<p>ABYC American Boat and Yacht Council 613 Third Street, Suite 10 Annapolis, MD 21403 Phone: (410) 990-4460 Web: www.abycinc.org</p>	<p>ASTM ASTM International 100 Barr Harbor Drive West Conshohocken, PA 19428-2959 Phone: (610) 832-9744 Fax: (610) 834-3683 Web: www.astm.org</p>	<p>CTA Consumer Technology Association 1919 South Eads Street Arlington, VA 22202 Phone: (703) 907-7697 Fax: (703) 907-4197 Web: www.cta.tech</p>	<p>IEEE Institute of Electrical and Electronics Engineers (IEEE) 445 Hoes Lane Piscataway, NJ 08854 Phone: (732) 562-3854 Fax: (732) 796-6966 Web: www.ieee.org</p>
<p>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</p>	<p>ATIS Alliance for Telecommunications Industry Solutions 1200 G Street NW Suite 500 Washington, DC 20005 Phone: (202) 434-8840 Web: www.atis.org</p>	<p>DASMA Door and Access Systems Manufacturers Association 1300 Sumner Avenue Cleveland, OH 44115 Phone: (216) 241-7333 Fax: (216) 241-0105</p>	<p>ITI (INCITS) InterNational Committee for Information Technology Standards 1101 K Street, NW Suite 610 Washington, DC 20005-3922 Phone: (202) Fax: (202) 638-4922 Web: www.incits.org</p>
<p>ASABE American Society of Agricultural and Biological Engineers 2950 Niles Road St Joseph, MI 49085 Phone: (269) 932-7027 Fax: (269) 429-3852 Web: www.asabe.org</p>	<p>AWEA American Wind Energy Association 1501 M St., NW, Suite 900 Washington, DC 20005 Phone: (202) 580-6458 Web: www.awea.org</p>	<p>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</p>	<p>NEMA (ASC C78) National Electrical Manufacturers Association 1300 N 17th St Rosslyn, VA 22209 Phone: 703-841-3262 Web: www.nema.org</p>
<p>ASCE American Society of Civil Engineers 1801 Alexander Bell Dr Reston, VA 20191 Phone: 703-295-6176 Web: www.asce.org</p>	<p>AWS American Welding Society 8669 NW 36th Street Suite #130 Miami, FL 33166-6672 Phone: (800) 443-9353 Fax: (305) 443-5951 Web: www.aws.org</p>	<p>EOS/ESD ESD Association 7900 Turin Rd., Bldg. 3 Rome, NY 13440 Phone: (315) 339-6937 Fax: (315) 339-6793 Web: www.esda.org</p>	<p>NEMA (ASC C8) National Electrical Manufacturers Association 1300 North 17th Street Rosslyn, VA 22209 Phone: (703) 841-3299 Web: www.nema.org</p>
<p>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</p>	<p>AWWA American Water Works Association 6666 W. Quincy Ave. Denver, CO 80235 Phone: (303) 347-6178 Fax: (303) 795-7603 Web: www.awwa.org</p>	<p>HL7 Health Level Seven 3300 Washtenaw Avenue Suite 227 Ann Arbor, MI 48104 Phone: (734) 677-7777 Fax: (734) 677-6622 Web: www.hl7.org</p>	<p>NEMA (ASC C81) National Electrical Manufacturers Association 1300 N 17th St Ste. 900 Rosslyn, VA 22209 Phone: (703) 841-3262 Fax: (703) 841-3362 Web: www.nema.org</p>
<p>ASNT American Society for Nondestructive Testing 1711 Arlingate Lane P.O. Box 28518 Columbus, OH 43228-0518 Phone: (800) 222-2768 ext 241 Fax: (614) 274-6899 Web: www.asnt.org</p>	<p>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</p>	<p>HPS (ASC N13) Health Physics Society 1313 Dolley Madison Blvd Suite 402 McLean, VA 22101 Phone: (703) 790-1745 ext 213 Fax: (703) 790-2672 Web: www.hps.org</p>	<p>NEMA (ASC C82) National Electrical Manufacturers Association 1300 N 17th St Rosslyn, VA 22209 Phone: 703-841-3262 Fax: 703-841-3362 Web: www.nema.org</p>
<p>ASSE (Safety) American Society of Safety Engineers 520 N. Northwest Highway Park Ridge, IL 60068 Phone: (847) 768-3411 Fax: (847) 296-9221 Web: www.asse.org</p>	<p>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</p>	<p>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</p>	<p>NISO National Information Standards Organization 3600 Clipper Mill Road Suite 302 Baltimore, MD 21211 Phone: (301) 654-2512 Fax: (410) 685-5278 Web: www.niso.org</p>

NSF

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OEO SC (ASC OP)

Optics and Electro-Optics Standards
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RVIA

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SCTE

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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); 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 17201-1, Acoustics - Noise from shooting ranges - Part 1: Determination of muzzle blast by measurement - 9/8/2017, \$112.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 10794, Space systems - Programme management - Material, mechanical parts and processes - 9/2/2017, \$119.00

CARBON DIOXIDE CAPTURE, TRANSPORTATION, AND GEOLOGICAL STORAGE (TC 265)

ISO/DIS 27919-1, Carbon dioxide capture - Part 1: Performance evaluation methods for post-combustion CO2 capture integrated with a power plant - 7/13/2017, \$134.00

CONCRETE, REINFORCED CONCRETE AND PRE-STRESSED CONCRETE (TC 71)

ISO/DIS 13315-8, Environmental management for concrete and concrete structures - Part 8: Environmental labels and declarations - 7/5/2017, \$82.00

CONTROL AND SAFETY DEVICES FOR NON INDUSTRIAL GAS-FIRED APPLIANCES AND SYSTEMS (TC 161)

ISO/DIS 23551-4, Safety and control devices for gas burners and gas-burning appliances - Particular requirements - Part 4: Valve-proving systems for automatic shut-off valves - 5/6/2017, \$102.00

ENERGY MANAGEMENT AND ENERGY SAVINGS (TC 301)

ISO/DIS 50001, Energy management systems - Requirements with guidance for use - 9/14/2017, \$107.00

EQUIPMENT FOR FIRE PROTECTION AND FIRE FIGHTING (TC 21)

ISO/DIS 7240-7, Fire detection and alarm systems - Part 7: Smoke point detectors using scattered light, transmitted light or ionization - 11/5/2026, \$134.00

FIRE SAFETY (TC 92)

ISO/DIS 1716, Reaction to fire tests for products - Determination of the gross heat of combustion (calorific value) - 7/8/2017, \$98.00

ISO/DIS 24679-1, Fire safety engineering - Performance of structures in fire - Part 1: General - 9/13/2017, \$98.00

FLUID POWER SYSTEMS (TC 131)

ISO 3601-3/DAMd1, Fluid power systems - O-rings - Part 3: Quality acceptance criteria - Amendment 1 - 9/7/2017, \$33.00

ISO/DIS 4409, Hydraulic fluid power - Positive-displacement pumps, motors and integral transmissions - Methods of testing and presenting basic steady state performance - 9/2/2017, \$93.00

ISO/DIS 6099, Fluid power systems and components - Cylinders - Identification code for mounting dimensions and mounting types - 7/16/2017, \$134.00

ISO/DIS 20145, Pneumatic fluid power - Test methods for measuring acoustic emission pressure levels of exhaust silencers - 7/12/2017, \$82.00

ISO/DIS 21018-4, Hydraulic fluid power - Monitoring the level of particulate contamination in the fluid - Part 4: Use of the light extinction technique - 7/8/2017, \$58.00

FORENSIC SCIENCES (TC 272)

ISO/DIS 21043-1, Forensic Sciences - Part 1: Terms, definitions and framework - 9/6/2017, \$40.00

ISO/DIS 21043-2, Forensic analysis - Part 2: Recognition, recording, recovering, transport and storage of material - 9/6/2017, \$62.00

GAS TURBINES (TC 192)

ISO/DIS 10494, Turbines and turbine sets - Measurement of emitted airborne noise - Engineering/survey method - 9/7/2017, \$107.00

GLASS IN BUILDING (TC 160)

ISO/DIS 19916-1, Glass in building - Vacuum insulating glass - Part 1: Basic specification of products and evaluation methods for thermal and sound insulating performance - 9/13/2017, \$107.00

HYDROGEN ENERGY TECHNOLOGIES (TC 197)

ISO/DIS 17268, Gaseous hydrogen land vehicle refuelling connection devices - 7/8/2017, \$112.00

ISO/DIS 19880-8, Gaseous hydrogen - Fueling stations - Part 8: Fuel quality control - 7/13/2017, \$107.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO/DIS 8000-62, Data quality - Part 62: Data quality management: Organizational process maturity assessment: Application of the ISO/IEC 330xx family of standards - 9/14/2017, \$82.00

ISO/DIS 15926-13, Industrial automation systems and integration - Integration of life-cycle data for process plants including oil and gas production facilities - Part 13: Integrated asset planning life-cycle - 7/5/2017, \$155.00

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

ISO/DIS 19903, Petroleum and natural gas industries - Concrete offshore structures - 9/9/2017, \$175.00

MECHANICAL TESTING OF METALS (TC 164)

ISO/DIS 12108, Metallic materials - Fatigue testing - Fatigue crack growth method - 9/13/2017, \$119.00

PAINTS AND VARNISHES (TC 35)

ISO/DIS 20266, Paints and varnishes - Determination of image clarity (degree of sharpness of reflected or transmitted image) - 9/7/2017, \$58.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO/DIS 4007, Personal protective equipment - Eye and face protection - Vocabulary - 9/3/2017, \$146.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO/DIS 4264, Petroleum products - Calculation of cetane index of middle-distillate fuels by the four variable equation - 7/15/2017, \$46.00

PLASTICS (TC 61)

ISO 30012/DAmD1, Carbon-fibre-reinforced plastics - Determination of the size and aspect ratio of crushed objects - Amendment 1 - 7/5/2017, \$29.00

ISO/DIS 11567, Carbon fibre - Determination of filament diameter and cross-sectional area - 7/6/2017, \$53.00

ISO/DIS 21301-1, Plastics - Ethylene/vinyl acetate (E/VAC) moulding and extrusion materials - Part 1: Designation system and basis for specifications - 7/13/2017, \$46.00

ISO/DIS 21301-2, Plastics - Ethylene/vinyl acetate (E/VAC) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties - 7/13/2017, \$40.00

ISO/DIS 21304-1, Plastics - Ultra-high-molecular-weight polyethylene (PE-UHMW) moulding and extrusion materials - Part 1: Designation system and basis for specifications - 7/13/2017, \$46.00

ISO/DIS 29988-1, Plastics - Polyoxymethylene (POM) moulding and extrusion materials - Part 1: Designation system and basis for specifications - 7/13/2017, \$46.00

ISO/DIS 29988-2, Plastics - Polyoxymethylene (POM) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties - 7/13/2017, \$40.00

PLASTICS PIPES, FITTINGS AND VALVES FOR THE TRANSPORT OF FLUIDS (TC 138)

ISO 15874-2/DAmD1, Plastics piping systems for hot and cold water installations - Polypropylene (PP) - Part 2: Pipes - Amendment 1 - 7/8/2017, \$29.00

ISO 15874-3/DAmD1, Plastics piping systems for hot and cold water installations - Polypropylene (PP) - Part 3: Fittings - Amendment 1 - 7/8/2017, \$29.00

ISO 15874-5/DAmD1, Plastics piping systems for hot and cold water installations - Polypropylene (PP) - Part 5: Fitness for purpose of the system - Amendment 1 - 7/8/2017, \$29.00

ISO/DIS 8483, Glass-reinforced thermosetting plastics (GRP) pipes and fittings - Test methods to prove the design of bolted flange joints - 12/23/2012, \$58.00

ISO/DIS 8533, Glass-reinforced thermosetting plastics (GRP) pipes and fittings - Test methods to prove the design of cemented or wrapped rigid joints - 12/23/2012, \$58.00

ISO/DIS 8779, Plastics piping systems - Polyethylene (PE) pipes for irrigation - Specifications - 7/8/2017, \$58.00

ISO/DIS 21138-2, Plastics piping systems for non-pressure underground drainage and sewerage - Structured-wall piping systems of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) - Part 2: Pipes and fittings with smooth external surface, Type A - 9/3/2017, \$119.00

ISO/DIS 21138-3, Plastics piping systems for non-pressure underground drainage and sewerage - Structured-wall piping systems of unplasticized poly(vinyl chloride) (PVC-U), polypropylene (PP) and polyethylene (PE) - Part 3: Pipes and fittings with non-smooth external surface, Type B - 9/3/2017, \$119.00

QUALITY MANAGEMENT AND CORRESPONDING GENERAL ASPECTS FOR MEDICAL DEVICES (TC 210)

ISO/DIS 18250-7, Connectors for reservoir delivery systems for healthcare applications - Part 7: Connectors for Intravascular Infusion - 7/5/2017, \$107.00

ROAD VEHICLES (TC 22)

ISO/DIS 17373, Road vehicles - Sled test procedure for evaluating occupant head and neck interactions with seat/head restraint designs in low-speed rear-end impact - 9/2/2017, \$82.00

ISO/DIS 13216-3, Road vehicles - Anchorages in vehicles and attachments to anchorages for child restraint systems - Part 3: Classification of child restraint system and space in vehicle - 7/13/2017, \$93.00

ISO/DIS 16750-1, Road vehicles - Environmental conditions and testing for electrical and electronic equipment - Part 1: General - 7/13/2017, \$62.00

ISO/DIS 21266-1, Road vehicles - Compressed gaseous hydrogen (CGH₂) and hydrogen/natural gas blends fuel systems - Part 1: Safety requirements - 7/8/2017, \$67.00

ISO/DIS 21266-2, Road vehicles - Compressed gaseous hydrogen (CGH₂) and hydrogen/natural gas blends fuel systems - Part 2: Test methods - 7/8/2017, \$53.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 5435, Rubber compounding ingredients - Carbon black - Determination of tinting strength - 7/15/2017, \$58.00

ISO/DIS 8067, Flexible cellular polymeric materials - Determination of tear strength - 7/8/2017, \$53.00

ISO/DIS 8307, Flexible cellular polymeric materials - Determination of resilience by ball rebound - 7/13/2017, \$46.00

ISO/DIS 8332, Rubber compounding ingredients - Sulfur - Methods of test - 7/15/2017, \$93.00

SAFETY OF TOYS (TC 181)

ISO/DIS 8124-6, Safety of toys - Part 6: Certain phthalate esters in toys and childrens products - 7/15/2017, \$107.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 17325-3, Ships and marine technology - Marine environment protection - Oil booms - Part 3: End connectors - 9/6/2017, \$67.00

ISO/DIS 24409-2, Ships and marine technology - Design, location and use of shipboard safety signs, fire control plan signs, safety notices and safety markings - Part 2: Catalogue of shipboard safety signs and fire control plan signs - 9/13/2017, \$194.00

SPORTS AND RECREATIONAL EQUIPMENT (TC 83)

ISO 23537-1/DAmD1, Requirements for sleeping bags - Part 1: Thermal and dimensional requirements - Amendment 1 - 7/15/2017, \$29.00

STEEL (TC 17)

ISO/DIS 4960, Steel strip, cold-reduced with a mass fraction of carbon over 0,25% - 9/7/2017, \$53.00

ISO/DIS 5952, Steel sheet, hot-rolled, of structural quality with improved atmospheric corrosion resistance - 9/6/2017, \$58.00

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

ISO/DIS 20318-1, Mechanical pencils and leads for general use - Classification, dimensions, quality and test methods - Part 1: Mechanical pencils - 7/16/2017, \$53.00

ISO/DIS 20318-2, Mechanical pencils and leads for general use - Classification, dimensions, quality and test methods - Part 2: Black leads - 7/16/2017, \$53.00

TEXTILES (TC 38)

ISO/DIS 18184, Textiles - Determination of antiviral activity of textile products - 9/7/2017, \$107.00

ISO/DIS 1833-6, Textiles - Quantitative chemical analysis - Part 6: Mixtures of viscose, certain types of cupr, modal or lyocell with certain other fibres (method using formic acid and zinc chloride) - 9/8/2017, \$33.00

ISO/DIS 21232, Textiles - Determination of moisturizing effect of textile materials by measurement of microclimate between textiles and simulated human skin using sweating guarded hotplate - 7/15/2017, \$46.00

ISO/DIS 1833-27, Textiles - Quantitative chemical analysis - Part 27: Mixtures of cellulose fibres with certain other fibres (method using aluminium sulfate) - 9/3/2017, \$40.00

THERMAL INSULATION (TC 163)

ISO/DIS 20310, Thermal insulation for building equipment and industrial installations - Aluminosilicate wool products - Specification - 7/6/2017, \$58.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO/DIS 8759-1, Agricultural tractors - Front-mounted equipment - Part 1: Power take-off: Safety requirements and clearance zone around PTO - 7/5/2017, \$40.00

ISO/DIS 8759-3, Agricultural tractors - Front-mounted equipment - Part 3: Power take-off: General specifications and location - 7/5/2017, \$33.00

ISO/DIS 8759-4, Agricultural tractors - Front-mounted equipment - Part 4: Three-point linkage - 7/5/2017, \$29.00

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

ISO 8871-3/DAmD1, Elastomeric parts for parenterals and for devices for pharmaceutical use - Part 3: Determination of released-particle count - Amendment 1 - 7/7/2017, \$29.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO 14816/DAmD1, Road transport and traffic telematics - Automatic vehicle and equipment identification - Numbering and data structure - Amendment 1 - 9/2/2017, \$58.00

ISO 17262/DAmD1, Intelligent transport systems - Automatic vehicle and equipment identification - Numbering and data structures - Amendment 1 - 9/2/2017, \$46.00

ISO 24534-4/DAmD1, Automatic vehicle and equipment identification - Electronic registration identification (ERI) for vehicles - Part 4: Secure communications using asymmetrical techniques - Amendment 1 - 9/2/2017, \$58.00

ISO 24534-5/DAmD1, Intelligent transport systems - Automatic vehicle and equipment identification - Electronic Registration Identification (ERI) for vehicles - Part 5: Secure communications using symmetrical techniques - Amendment 1 - 9/2/2017, \$33.00

ISO/DIS 14906, Electronic fee collection - Application interface definition for dedicated short-range communication - 9/14/2017, \$165.00

ISO/DIS 15622, Intelligent transport systems - Adaptive cruise control systems - Performance requirements and test procedures - 9/13/2017, \$88.00

ISO/DIS 14813-5, Intelligent transport systems - Reference model architecture(s) for the ITS sector - Part 5: Requirements for architecture description in ITS standards - 9/13/2017, \$98.00

ISO/DIS 29281-1, Intelligent transport systems - Localized communications - Part 1: Fast networking & transport layer protocol (FNTP) - 9/13/2017, \$134.00

ISO/DIS 15638-21, Intelligent transport systems - Framework for cooperative telematics applications for regulated commercial freight vehicles (TARV) - Part 21: Monitoring of regulated vehicles using roadside sensors and data collected from the vehicle for enforcement and other purposes - 9/2/2017, \$102.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO/DIS 2401, Welding consumables - Covered electrodes - Determination of the efficiency, metal recovery and deposition coefficient - 9/7/2017, \$40.00

ISO/DIS 5171, Gas welding equipment - Pressure gauges used in welding, cutting and allied processes - 9/8/2017, \$58.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 30134-2/DAmD1, Information technology - Data centres - Key performance indicators - Part 2: Power usage effectiveness (PUE) - Amendment 1 - 9/13/2017, \$33.00

ISO/IEC 30134-3/DAmD1, Information technology - Data centres - Key performance indicators - Part 3: Renewable energy factor (REF) - Amendment 1 - 9/13/2017, \$33.00

ISO/IEC DIS 14882, Programming languages - C++ - 7/5/2017, \$398.00

ISO/IEC DIS 14443-1, Identification cards - Contactless integrated circuit cards - Proximity cards - Part 1: Physical characteristics - 7/7/2017, \$58.00

ISO/IEC DIS 14443-3, Identification cards - Contactless integrated circuit cards - Proximity cards - Part 3: Initialization and anticollision - 7/6/2017, \$134.00

ISO/IEC DIS 14443-4, Identification cards - Contactless integrated circuit(s) cards - Proximity cards - Part 4: Transmission protocol - 7/6/2017, \$125.00

ISO/IEC/IEEE DIS 26511, Systems and software engineering - Requirements for managers of information for users of systems, software, and services - 9/7/2017, \$146.00

OTHER

ISO/IEC DIS 80079-34, Explosive atmospheres - Part 34: Application of quality systems for ex product manufacture - 7/9/2017, \$125.00

IEC Standards

18/1587/NP, PNW 18-1587: Subsea equipment - Part 2: Power transformers, 2017/9/15

- 22H/219/Q, Proposed technical corrigendum to IEC 62040-2 Ed.3: Uninterruptible power systems - Part 2: Electromagnetic compatibility (EMC) requirements, 017/8/4/
- 23E/1029/CD, IEC 63052 ED1: Power frequency overvoltage protective devices for household and similar applications (POP), 2017/9/15
- 29/955/CDV, IEC 62489-1/AMD2 ED1: Amendment 2 - Electroacoustics - Audio-frequency induction loop systems for assisted hearing - Part 1: Methods of measuring and specifying the performance of system components, 2017/9/15
- 31/1322/CDV, ISO/IEC 62990-1 ED1: Workplace Atmospheres - Part 1: Gas detectors - Performance requirements of detectors for toxic gases, 2017/9/15
- 34C/1349/CD, IEC 62386-104 ED1: Digital addressable lighting interface - Part 104: General requirements - Wireless and alternative wired system components, 2017/9/15
- 34D/1292/FDIS, IEC 60598-1/AMD1 ED8: Amendment 1 - Luminaires - Part 1: General requirements and tests, 017/8/4/
- 40/2542/CD, IEC 60384-21 ED3: Fixed capacitors for use in electronic equipment - Part 21: Sectional specification - Fixed surface mount multilayer capacitors of ceramic dielectric, Class 1, 2017/9/15
- 40/2536/CDV, IEC 60384-26 ED2: Fixed capacitors for use in electronic equipment - Part 26: Sectional specification - Fixed aluminium electrolytic capacitors with conductive polymer solid electrolyte, 2017/9/15
- 40/2543/CD, IEC 60384-22 ED3: Fixed capacitors for use in electronic equipment - Part 22: Sectional specification - Fixed surface mount multilayer capacitors of ceramic dielectric, Class 2, 2017/9/15
- 46/650/FDIS, IEC 62153-4-6 ED2: Metallic cables and other passive components test methods - Part 4-6: Electromagnetic compatibility (EMC) - Surface transfer impedance - Line injection method, 017/8/4/
- 46F/375/NP, PNW 46F-375: Radio Frequency Connectors - Part 61: Specification for coaxial connectors with 0.8 mm inner diameter of outer conductor, nominal characteristic impedance 50 ohms, 2017/9/15
- 57/1881/CDV, IEC 61970-456 ED2: Energy management system application program interface (EMS-API) - Part 456: Solved power system state profiles, 2017/9/15
- 57/1896/DTR, IEC TR 62325-103 ED1: Framework for energy market communications - Part 103: Review of information exchanges within the deregulated European style retail energy market from a CIM perspective, 2017/8/18
- 61/5484/NP, PNW 61-5484: Household and Similar Electrical Appliances - Safety - Part 2-115: Particular requirements for beauty care appliances, 017/9/1/
- 65A/847/DTR, IEC TR 61511-0 ED1: Functional safety - Safety instrumented systems for the process industry sector - Part 0: Functional safety for the process industry and IEC 61511, 2017/8/18
- 65E/546/NP, PNW 65E-546: Field Device Integration (FDI) - Part 115 -2: Profiles - Modbus-RTU, 2017/9/15
- 65E/545/NP, PNW 65E-545: Field Device Integration (FDI) - Part 100: Profiles - Generic protocols, 2017/9/15
- 65E/547/NP, PNW 65E-547: Field Device Integration (FDI) - Part 150 -1: Profiles - ISA100.11a, 2017/9/15
- 66/634/CDV, IEC 61010-2-091 ED2: Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2 -091: Particular requirements for cabinet X-ray systems, 2017/9/15
- 72/1084/FDIS, IEC 60730-2-5/AMD1 ED4: Amendment 1 - Automatic electrical controls - Part 2-5: Particular requirements for automatic electrical burner control systems, 017/8/4/
- 82/1310/DC, Proposed Amendment 1 to IEC 62852 Ed. 1.0 (2014): Connectors for DC-application in photovoltaic systems - Safety requirements and tests, 2017/8/18
- 82/1309/CD, IEC 62790/AMD1 ED1: Amendment 1 - Junction boxes for photovoltaic modules - Safety requirements and tests, 2017/9/15
- 85/606/DC, Electrical safety in low voltage distribution systems up to 1 000 v a.c. and 1 500 v d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 7: Phase sequence, 017/8/4/
- 85/600/DC, Electrical safety in low voltage distribution systems up to 1 000 v a.c. and 1 500 v d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 1: General requirements, 017/8/4/
- 85/601/DC, Electrical safety in low voltage distribution systems up to 1 000 v a.c. and 1 500 v d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 2: Insulation resistance, 017/8/4/
- 85/602/DC, Electrical safety in low voltage distribution systems up to 1 000 v a.c. and 1 500 v d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 3: Loop impedance, 017/8/4/
- 85/603/DC, Electrical safety in low voltage distribution systems up to 1 000 v a.c. and 1 500 v d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 4: Resistance of earth connection and equipotential bonding, 017/8/4/
- 85/604/DC, Electrical safety in low voltage distribution systems up to 1 000 v a.c. and 1 500 v d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 5: Resistance to earth, 017/8/4/
- 85/605/DC, Electrical safety in low voltage distribution systems up to 1 000 v a.c. and 1 500 v d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 6: Effectiveness of residual current devices (RCD) in TT, T and IT System, 017/8/4/
- 86C/1455/CDV, Future 61290-4-4: Optical amplifiers - Test methods - Part 4-4: Gain transient parameters - Single channel optical amplifiers with gain control, 2017/9/15
- 100/2953/NP, PNW 100-2953: Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 -Part 15: Non-linear PCM bit streams according to Auro-Cx format, 2017/9/15
- 106/401/FDIS, IEC/IEEE 62704-1 ED1: Determining the peak spatial-average specific absorption rate (SAR) in the human body from wireless communications devices, 30 MHz to 6 GHz - Part 1: General requirements for using the finite difference time-domain (FDTD) method for SAR calculations, 017/8/4/
- 108/688/CDV, IEC 62368-1 ED3: Audio/video, information and communication technology equipment - Part 1: Safety requirements, 2017/9/15
- 110/881/CD, IEC TS 62977-3-1 ED1: Electronic display devices - Part 3-1: Optical measurements - Colour difference based viewing direction dependence, 2017/8/18
- 111/461/CD, IEC 63031 ED1: Definition of Low Halogen Materials used in Electronic and Electrical Products, 2017/9/15
- 116/338/FDIS, IEC 62841-3-12 ED1: Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 3-12: Particular requirements for transportable threading machines, 017/8/4/
- 116/339/FDIS, IEC 62841-4-1 ED1: Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 4-1: Particular requirements for chain saws., 017/8/4/
- 119/178/FDIS, IEC 62899-301-2 ED1: Printed Electronics - Part 301-2: Equipment - Contact printing - Rigid master - Measurement method of plate master pattern dimension, 017/8/4/
- CIS/F/712/CD, CISPR 14-1/AMD1/FRAG2 ED6: Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 1: Emission, 2017/9/15
- CIS/F/713/CD, CISPR 14-2/AMD1/FRAG2 ED2: Electromagnetic compatibility - Requirements for household appliances, electric tools and similar apparatus - Part 2: Immunity - Product family standard, 2017/9/15



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

AIRCRAFT AND SPACE VEHICLES (TC 20)

[ISO 2635/Amd1:2017](#), Aircraft - Conductors for general purpose aircraft electrical cables and aerospace applications - Dimensions and characteristics - Amendment 1: Correction of table 1, \$19.00

BUILDING ENVIRONMENT DESIGN (TC 205)

[ISO 16484-5:2017](#), Building automation and control systems (BACS) - Part 5: Data communication protocol, \$232.00

FINE BUBBLE TECHNOLOGY (TC 281)

[ISO 20480-1:2017](#), Fine bubble technology - General principles for usage and measurement of fine bubbles - Part 1: Terminology, \$45.00

NUCLEAR ENERGY (TC 85)

[ISO 12800:2017](#), Nuclear fuel technology - Guidelines on the measurement of the specific surface area of uranium oxide powders by the BET method, \$68.00

PLAIN BEARINGS (TC 123)

[ISO 4378-1:2017](#), Plain bearings - Terms, definitions, classification and symbols - Part 1: Design, bearing materials and their properties, \$185.00

[ISO 4378-2:2017](#), Plain bearings - Terms, definitions, classification and symbols - Part 2: Friction and wear, \$68.00

[ISO 4378-3:2017](#), Plain bearings - Terms, definitions, classification and symbols - Part 3: Lubrication, \$138.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

[ISO 20438:2017](#), Ships and marine technology - Offshore mooring chains, \$138.00

THERMAL INSULATION (TC 163)

[ISO 6946:2017](#), Building components and building elements - Thermal resistance and thermal transmittance - Calculation methods, \$185.00

[ISO 10211:2017](#), Thermal bridges in building construction - Heat flows and surface temperatures - Detailed calculations, \$209.00

[ISO 13370:2017](#), Thermal performance of buildings - Heat transfer via the ground - Calculation methods, \$185.00

[ISO 13786:2017](#), Thermal performance of building components - Dynamic thermal characteristics - Calculation methods, \$138.00

[ISO 13789:2017](#), Thermal performance of buildings - Transmission and ventilation heat transfer coefficients - Calculation method, \$138.00

[ISO 14683:2017](#), Thermal bridges in building construction - Linear thermal transmittance - Simplified methods and default values, \$138.00

[ISO 10077-1:2017](#), Thermal performance of windows, doors and shutters - Calculation of thermal transmittance - Part 1: General, \$185.00

[ISO 10077-2:2017](#), Thermal performance of windows, doors and shutters - Calculation of thermal transmittance - Part 2: Numerical method for frames, \$209.00

[ISO 17772-1:2017](#), Energy performance of buildings - Indoor environmental quality - Part 1: Indoor environmental input parameters for the design and assessment of energy performance of buildings, \$209.00

[ISO 52000-1:2017](#), Energy performance of buildings - Overarching EPB assessment - Part 1: General framework and procedures, \$232.00

[ISO 52003-1:2017](#), Energy performance of buildings - Indicators, requirements, ratings and certificates - Part 1: General aspects and application to the overall energy performance, \$162.00

[ISO 52010-1:2017](#), Energy performance of buildings - External climatic conditions - Part 1: Conversion of climatic data for energy calculations, \$162.00

[ISO 52016-1:2017](#), Energy performance of buildings - Energy needs for heating and cooling, internal temperatures and sensible and latent heat loads - Part 1: Calculation procedures, \$232.00

[ISO 52017-1:2017](#), Energy performance of buildings - Sensible and latent heat loads and internal temperatures - Part 1: Generic calculation procedures, \$162.00

[ISO 52018-1:2017](#), Energy performance of buildings - Indicators for partial EPB requirements related to thermal energy balance and fabric features - Part 1: Overview of options, \$185.00

[ISO 52022-1:2017](#), Energy performance of buildings - Thermal, solar and daylight properties of building components and elements - Part 1: Simplified calculation method of the solar and daylight characteristics for solar protection devices combined with glazing, \$103.00

[ISO 52022-3:2017](#), Energy performance of buildings - Thermal, solar and daylight properties of building components and elements - Part 3: Detailed calculation method of the solar and daylight characteristics for solar protection devices combined with glazing, \$162.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

[ISO 13111-1:2017](#), Intelligent transport systems (ITS) - The use of personal ITS station to support ITS service provision for travellers - Part 1: General information and use case definitions, \$162.00

[ISO 15638-10:2017](#), Intelligent transport systems - Framework for cooperative telematics applications for regulated commercial freight vehicles (TARV) - Part 10: Emergency messaging system/eCall, \$185.00

ISO Technical Reports

DENTISTRY (TC 106)

[ISO/TR 18845:2017](#), Dentistry - Test methods for machining accuracy of computer-aided milling machines, \$162.00

THERMAL INSULATION (TC 163)

[ISO/TR 52000-2:2017](#), Energy performance of buildings - Overarching EPB assessment - Part 2: Explanation and justification of ISO 52000-1, \$232.00

[ISO/TR 52003-2:2017](#), Energy performance of buildings - Indicators, requirements, ratings and certificates - Part 2: Explanation and justification of ISO 52003-1, \$162.00

[ISO/TR 52010-2:2017](#), Energy performance of buildings - External climatic conditions - Part 2: Explanation and justification of ISO 52010-1, \$138.00

[ISO/TR 52016-2:2017](#), Energy performance of buildings - Energy needs for heating and cooling, internal temperatures and sensible and latent heat loads - Part 2: Explanation and justification of ISO 52016-1 and ISO 52017-1, \$232.00

[ISO/TR 52018-2:2017](#), Energy performance of buildings - Indicators for partial EPB requirements related to thermal energy balance and fabric features - Part 2: Explanation and justification of ISO 52018-1, \$185.00

[ISO/TR 52019-2:2017](#), Energy performance of buildings - Hygrothermal performance of building components and building elements - Part 2: Explanation and justification, \$209.00

[ISO/TR 52022-2:2017](#), Energy performance of buildings - Thermal, solar and daylight properties of building components and elements - Part 2: Explanation and justification, \$185.00

IEC Standards

AUDIO, VIDEO AND MULTIMEDIA SYSTEMS AND EQUIPMENT (TC 100)

[IEC 62680-1-2 Ed. 2.0 en:2017](#), Universal serial bus interfaces for data and power - Part 1-2: Common components - USB Power Delivery specification, \$410.00

FIBRE OPTICS (TC 86)

[IEC 60794-2 Ed. 4.0 b:2017](#), Optical fibre cables - Part 2: Indoor cables - Sectional specification, \$82.00

INSULATORS (TC 36)

[IEC 60137 Ed. 7.0 b:2017](#), Insulated bushings for alternating voltages above 1000 V, \$352.00

[S+ IEC 60137 Ed. 7.0 en:2017 \(Redline version\)](#), Insulated bushings for alternating voltages above 1000 V, \$457.00

POWER CAPACITORS (TC 33)

[IEC 61921 Ed. 2.0 b:2017](#), Power capacitors - Low-voltage power factor correction banks, \$164.00

[S+ IEC 61921 Ed. 2.0 en:2017 \(Redline version\)](#), Power capacitors - Low-voltage power factor correction banks, \$213.00

POWER ELECTRONICS (TC 22)

[IEC 60700-2 Ed. 1.0 b cor.1:2017](#), Corrigendum 1 - Thyristor valves for high voltage direct current (HVDC) power transmission - Part 2: Terminology, \$0.00

POWER SYSTEM CONTROL AND ASSOCIATED COMMUNICATIONS (TC 57)

[IEC 60870-5-SER Ed. 1.0 b:2017](#), Telecontrol equipment and systems - Part 5: Transmission protocols - ALL PARTS, \$3555.00

SAFETY OF HAND-HELD MOTOR-OPERATED ELECTRIC TOOLS (TC 116)

[IEC 62841-2-1 Ed. 1.0 b:2017](#), Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-1: Particular requirements for hand-held drills and impact drills, \$235.00

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)

[IEC 60335-2-64 Amd.2 Ed. 3.0 b:2017](#), Amendment 2 - Household and similar electrical appliances - Safety - Part 2-64: Particular requirements for commercial electric kitchen machines, \$47.00

[IEC 60335-2-64 Ed. 3.2 b:2017](#), Household and similar electrical appliances - Safety - Part 2-64: Particular requirements for commercial electric kitchen machines, \$352.00

SWITCHGEAR AND CONTROLGEAR (TC 17)

[IEC 62271-SER Ed. 1.0 b:2017](#), High-voltage switchgear and controlgear - ALL PARTS, \$9998.00

Proposed Foreign Government Regulations

Call for Comment

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

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

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

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

For further information about the USA TBT Inquiry Point, please visit:

<https://www.nist.gov/standardsgov/what-we-do/trade-regulatory-programs/usa-wto-tbt-inquiry-point>

Contact the USA TBT Inquiry Point at:(301) 975-2918; Fax: (301) 926-1559; E-mail: usatbtep@nist.gov or notifyus@nist.gov.

Information Concerning

American National Standards

Call for Members

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

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

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

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

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- 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.

ANSI Accredited Standards Developers

Approval of Reaccreditation

ASC Z50 – Safety Requirements for Bakery Equipment

The reaccreditation of Accredited Standards Committee Z50, Safety Requirements for Bakery Equipment, has been approved at the direction of ANSI's Executive Standards Council under its recently revised operating procedures for documenting consensus on ASC Z50-sponsored American National Standards, effective June 27, 2017. For additional information, please contact the Secretariat of ASC Z50: Mr. Toby Steward, Chair – ASC Z50, American Society of Baking, c/o TNA North America, Inc., 243 Reade Drive, Cogan Station, PA 17728; phone: 570.494.0624; e-mail: toby.steward@tnasolutions.com.

American Composites Manufacturers Association (ACMA)

The reaccreditation of the American Composites Manufacturers Association (ACMA), an ANSI member and Accredited Standards Developer (ASD) has been approved at the direction of ANSI's Executive Standards Council under its recently revised operating procedures for documenting consensus on ACMA-sponsored American National Standards, effective June 28, 2017. For additional information, please contact: Mr. Larry Cox, UEF ANS Secretariat, American Composites Manufacturers Association, 3033 Wilson Boulevard, Suite 420, Arlington, VA 22201; phone: 740.928.3286; e-mail: lcx1225@gmail.com.

International Organization for Standardization (ISO)

Establishment of ISO Subcommittee

ISO/TC 61/SC 14 – Plastics and Environment

ISO/TC 61 – Plastics has created a new ISO Subcommittee on Plastics and environment (ISO/TC 61/SC 14). The Secretariat has been assigned to Germany (DIN).

ISO/TC 61/SC 14 operates under the following scope:

Standardization in the field of plastics relating to biodegradability, biobased plastics, carbon and environmental footprint, microplastics and ocean/terrestrial environments, recycling, waste management, and circular economy.

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

ISO New Work Item Proposal

Green Finance – Assessment of Green Financial Products

Comment Deadline: August 4, 2017

SAC, the ISO member body for China, has submitted to ISO a new work item proposal for the development of an ISO standard on Green finance – Assessment of green financial products, with the following scope statement:

This International Standard specifies the classification of green financial projects. This International Standard also specifies a framework for assessing green financial projects, including principles, scope, methodologies, procedure, reporting, and assessment bodies.

This International Standard helps users to identify and assess green financial projects.

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, August 4, 2017.

Meeting Notice

Green Building Initiative – GBI 01-201x Consensus Body

The 32nd meeting of the Green Building Initiative – GBI 01-201x Consensus Body will be held via conference call and webinar:

Monday, July 10, 2017 from 12:00 Noon to 4:00 PM ET.

The purpose for these teleconferences is for the Consensus Body members to address public comments, Subcommittee recommendations, and prepare for public comment on the Working Draft of 01-201X document and for questions/comments from the public.

The tentative agenda is posted on the GBI webpage for the standard at: <http://www.thegbi.org/ansi>. All meetings are open to the public. Any member of the public or Subcommittee participant who would like to attend the meeting should contact the Secretariat, Maria Woodbury, preferably at least 10 days in advance of the meeting to ensure they are included in relevant communications in preparation for the meeting.

To attend, and for additional information, please contact:

Maria Woodbury
Secretariat for Green Building Initiative
207-807-8666 (direct)
Maria@thegbi.org

Information Concerning International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO/TC 190 – *Soil quality*

Reply Deadline: August 4, 2017

ANSI has been informed by the ISO Technical Management Board (ISO/TMB) that Netherlands (NEN), the ISO delegated Secretariat of ISO/TC 190, wishes to relinquish the role of the Secretariat.

ISO/TC 190 operates under the following scope:

Standardization in the field of soil quality

- *Soils in situ;*
- *Soil materials intended for reuse in or on soils, including dredged sub-aquatic soil materials (= excavated sediments).*

Excluded:

- *Threshold or limit values for the assessment of soil quality;*
- *Civil engineering aspects (are dealt with by ISO/ TC 182 "Geotechnics");*
- *In situ sediments (are dealt with by ISO/TC 147 "Water quality").*

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of the U.S. delegated Secretariat for ISO/TC 190. Alternatively, ANSI may be assigned the responsibility for administering an ISO Secretariat. Any request that ANSI accept the direct administration of an ISO Secretariat shall demonstrate that:

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

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

Information Concerning

USNC Needs Members to Join Various US and IEC Groups

These groups are as follows:

1. The US TAG to IEC/Systems Committee – Active Assisted Living (SyC AAL)

Scope:

To create a vision of Active Assisted Living that takes account of the evolution of the market. Goal is to foster standardization which:

- enables usability and accessibility of AAL systems and services;
- enables cross-vendor interoperability of AAL systems, services, products and components;
- addresses systems level aspects such as safety, security and privacy;
- communicates the work of the SyC appropriately to foster a strong community of stakeholders.

Organizations/individuals interested in participating on the US TAG should contact the TAG Secretary, Ross Wilson at ross.wilson@ul.com.

2. US TAG to IEC/Systems Committee – Smart Cities (SyC Smart Cities)

Scope:

To foster the development of standards in the field of electrotechnology to help with the integration, interoperability and effectiveness of city systems.

Note 1: This will be done:

- by promoting the collaboration and systems thinking between IEC/TCs, the SyC and other SDOs in relation to city system standards;
- by undertaking systems analysis to understand the needs for standards and assess new work item proposals (NWIPs) related to city systems;
- by developing systems standards where needed and by providing recommendations to existing SyCs, TCs/SCs and other SDOs.

Note 2: Overall common city goals include, for example, sustainable development, efficiency, resilience, safety and support for citizens' engagement and participation. However, an individual city will follow its own approach.

Note 3: "Cities" refers to any geographically located population.

Organizations/individuals interested in participating on the US TAG should contact the TAG Secretary, Florence Otieno at FOtieno@tiaonline.org.

3. US Representatives to Working Group 2 (WG 2) and Working Group 3 (WG 3) of Systems Committee – Smart Energy (SyC Smart Energy)

SyC Scope:

Standardization in the field of Smart Energy in order to provide systems level standardization, coordination, and guidance in the areas of Smart Grid and Smart Energy, including interaction in the areas of Heat and Gas. To widely consult within the IEC community and the broader stakeholder community to provide overall systems level value, support and guidance to the TCs and other standard development groups, both inside and outside the IEC. To liaise and cooperate with the SEG Smart Cities and future SEGs, as well as the future Systems Resource Group.

WG 2: IEC Smart Energy Development Plan

“One concrete approach consists of collectively elaborating on a master development plan to visualize new ideas under consideration by the TCs/SCs consistently with the ongoing program of work, much earlier than when they are officially circulated and visible.”

(a) To visualize (Gantt chart) a plan of the smart energy standards for the industry

- From information provided by AG1

- From the top down process operated in SyC Smart Energy (WG3)

(b) To establish, and maintain a dashboard of actions to resolve Situations (milestones, timeline, dependencies) and monitor actions.

(c) To present identified Situations by other SyC WGs (explanation, proposals to resolve the situation). To propose optimal paths to address the situations for discussion and choice by the TCs (AG1); Capture the choice. If there are several TCs involved work with an appointed Led (by AG1) to resolve the situation.

(d) Emphasize priorities from an industry system viewpoint

NB: Development plan = Gantt chart + dashboard + trace of the process

WG 3: IEC Smart Energy Roadmap

Map the main Use Cases over the relevant systems architectures. This includes:

- (a)** Provide guidelines in offering standard users ways to select a most appropriate set of standards/specifications (either existing or coming, from IEC but possibly coming from other bodies) fulfilling the set of Use Cases. This includes the breakdown of Smart Energy scope into typical systems and system architectures.
- (b)** Identify and rank possible standard gaps/overlaps/recommendations
- (c)** Feed the IEC Smart Energy mapping tool with the above findings.

Publish and update on a recurrent basis (or event triggered) a snapshot of the entire SyC activities [period, parts to be defined]. [Each group will provide a contribution to be plugged somewhere].

If you are interested in participating on the US TAG SyC Smart Energy, and ultimately a Working Group, please contact the TAG Secretary, Brian Marchionini at Brian.Marchionini@nema.org.

ASME B16.49-~~2012~~ **20XX**
(Revision of ASME B16.49-~~2007~~) **2012**

PROPOSED REVISION OF:

Factory-Made, Wrought Steel, Buttwelding Induction Bends for Transportation and Distribution Systems

Draft Date 06/2017

**TENTATIVE
SUBJECT TO REVISION OR WITHDRAWAL
Specific Authorization Required for Reproduction or Quotation
ASME Codes and Standards**

12.5 End Preparation

Welding ends shall be beveled using ASME B16.25, Fig. 2 illustration (a) or Fig. 3 illustration (a) end preparations, unless otherwise specified by the purchaser.

12.6 Bend Dimensional Tolerances

The bend angle, center-to-end dimensions, bend radius, chord lengths, squareness, and bend plane shall be measured and recorded for each bend. The tolerances on the ordered dimensions shall be as follows:

Dimension	Tolerance
Bend angle	$\pm\frac{1}{2}$ deg
Bend radius	$\pm 1\%$
Bend plane	± 1 deg
End squareness	
NPS 36 (DN 900) and smaller	± 2.4 mm (0.09 in.)
Greater than NPS 36 (DN 900)	± 3 mm (0.12 in.)
Linear dimensions	
NPS 24 (DN 600) and smaller	± 5 mm (0.19 in.)
Greater than NPS 24 (DN 600)	± 6 mm (0.25 in.)

See Fig. 4, illustrations (a) and (b).

13 INSPECTION OF PRODUCTION BENDS

13.1 Workmanship and Finish

If required for inspection, all bends shall be grit-blasted or shot-blasted clean to a bright metal finish in accordance with SSPC SP-6. All bends shall be visually examined on all accessible surfaces for laminations, cracks, notches, gouges, arc burns, wrinkles, or other injurious defects. Surface imperfections shall be removed by grinding or machining, provided they are not deeper than allowed in para. 12.3. Repair by welding of base metal or weld metal is not permitted without purchaser approval. It is characteristic of the induction process that an upset occurs at each tangent point (transition) of a bend. These are of a cosmetic nature and are not classified as injurious defects.

13.2 Nondestructive Examination

The entire extrados of each bend, from the neutral axis including the weld seam, shall be examined for particle or liquid penetrant examination defects. The area shall be free of cracks, laps, or laminations. All rounded indications greater than 3 mm (0.12 in.) in any direction shall be classified as imperfections and shall be removed as required in para. 13.1.

13.3 Outside Inspection

An inspector representing the purchaser shall be authorized access to areas of the manufacturer's facility that involve the manufacture of the ordered bends. All testing records, welding records, etc., shall be available for inspection prior to shipment.

14 CERTIFICATION

A Certified Material Test Report (CMTR) shall be furnished listing as a minimum the following information:

- chemical composition (including CE)
- tensile properties
- impact properties
- hardness results
- heat treatment
- bend qualification procedure
- welded or seamless
- nondestructive examination results
- applicable supplementary requirements (paras. SR15.1 through SR15.8)

SR15 SUPPLEMENTARY REQUIREMENTS

The supplementary requirements (paras. SR15.1 through SR15.8) are not applicable to the product furnished to this Standard except when specified on the purchase order or otherwise agreed upon. When specified or agreed upon, supplementary requirements shall have the same force as requirements of mandatory sections 1 through 14. Each bend shall be marked with the applicable supplementary requirement (e.g., SR15.1) after the normal marking required in para. 4.1.

SR15.1 Heat Treatment

Bends can be furnished in an "as-bent" condition. The properties of section 8 must be met for that heat of material offered. Each bend shall be identified with AB SR15.1 as the heat-treat designator.

SR15.2 Nondestructive Examination

Magnetic particle or liquid penetrant examination shall be performed on the bend area including the intrados, extrados, and weld seam. No cracks are permitted. All other indications will be addressed by an agreement between the purchaser and manufacturer. All inspections shall be done by personnel and procedures approved by the purchaser.

INSERT: provide these upsets have a dimension measured from peak to valley not exceeding 2% of the pipe outside diameter.

bends

suitable for segmentation shall be available through the bend and tangent

SR15.4 Fracture Toughness

Notch toughness requirements other than those specified shall be by agreement between the purchaser and manufacturer. This can include lower test temperatures, greater-absorbed energy requirements, or different shear area requirements.

SR15.5 Sour Gas Applications

Bends required for sour gas applications shall be furnished to meet ANSI/NACE MR0175/ISO 15156.

MANDATORY APPENDIX I REFERENCES

(12)

The following is a list of publications referenced in this Standard. Unless otherwise specified, the latest edition of ASME publications shall apply.

ANSI/NACE MR0175-03/ISO 15156:2009, Materials for Use in H₂S-containing Environments in Oil and Gas Production

Publisher: National Association of Corrosion Engineers (NACE International), 1440 South Creek Drive, Houston, TX 77084-4906 (www.nace.org)

ASME Boiler and Pressure Vessel Code
ASME B16.25, Butt welding Ends
ASME B31 Code for Pressure Piping
ASME B36.10M, Welded and Seamless Wrought Steel Pipe

Publisher: The American Society of Mechanical Engineers (ASME), Three Park Avenue, New York, NY 10016-5990; Order Department: 22 Law Drive, P.O. Box 2900, Fairfield, NJ 07007-2900 (www.asme.org)

ASTM A370-12, Standard Test Methods and Definitions for Mechanical Testing of Steel Products

ASTM E29-06, Practice for Using Significant Digits in Test Data to Determine Conformance With Specifications

ASTM E140-07, Hardness Conversion Table for Metals
Publisher: The American Society for Testing and Materials (ASTM International), 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959 (www.astm.org)

ISO 6708:1995, Pipework components — Definition and selection of DN (nominal size)

ISO 9000:2005, Quality management systems — Fundamentals and vocabulary

ISO 9001:2008, Quality management systems — Requirements

ISO 9004:2009, ~~Managing for the sustained success of an organization — A quality management approach~~

Publisher: International Organization for Standardization (ISO), 1 ch. de la Voie-Creuse, Case postale 56, CH-1211 Genève 20, Switzerland (www.iso.org)

SSPC-SP 6/NACE No. 3, Commercial Blast Cleaning
Publisher: Society for Protective Coatings (SSPC), 40 24th Street, Pittsburgh, PA 15222-4656 (www.sspc.org)

15

Managing for the sustained success of an organization - A quality management approach

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

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

23 Flow metering device

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- .
- .

23.3.1 Limitations and variations

Flow measuring devices shall operate in orientations and configurations of piping including pipe diameter size (i.e., size such as 2" schedule 40 PVC), orientations (such as horizontal, vertical flowing upward, downward, etc.), and configurations (such as installed near elbows or in straight pipe runs) specified by the manufacturer.

The standard fluid used at recreational water facilities is water with a specific gravity of 1.00 +/-0.05. For applications that use a fluid other than water, flow measuring devices shall be tested using ~~the actual~~ a fluid used in with a specific gravity equivalent to the application. For example, Floation Tanks use water at a temperature of 98F (37C) mixed with Epsom Salts (magnesium sulphate) ~~to achieve their required operating conditions. Under such conditions, the water's~~ which results in a fluid with a specific gravity of ~~increases to~~ 1.25. NSF 50 Certified flow measuring devices that are tested for these applications ~~fluids should~~ shall include markings to denote that they are only intended for use in these applications with fluids of the specific gravity for which they have been tested and certified.

- .
- .

23.13 Product marking or data plate

Flow metering devices shall have a data plate that is permanent and easy to read. A durable tag (such as metal or plastic) may be used in lieu of data plate due to size availability for data plate to be on product.

The data plate shall have, at a minimum, the following information:

- manufacturer's name (or trademark) and address or website,
- model designation or number;
- production date, date code or serial number;
- working flow rate range (i.e., 20 – 100 US gpm) (76-379 Lpm) if not visible when looking elsewhere on the product;
- accuracy level (i.e., level 1 or L1) if not visible when looking elsewhere on the product;
- maximum working pressure;
- allowable connection or pipe size(s) including schedule;
- indoor/outdoor use (if recommended by the manufacturer and the product meets UV/Rain

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requirements) if the manufacturer does not recommend outdoor installation, the product shall be marked "Indoor Use Only".

- certification mark attesting to compliance with all requirements-and
- The specific gravity of the fluid used for certification if other than water (specific gravity 1.0 +/- .05)

23.14 Installation and operation manual

A manual shall be provided with each flow metering device and shall include:

- instructions for installation, including details of acceptable pipe sizes, piping configurations, installation orientations, etc.;
- any non-recommended piping sizes, configurations and installation orientations, etc;
- instructions for use;
- head loss for each allowable or recommended piping size, configuration, and installation;
- working flow rate range (i.e., 20 – 100 US gpm) (76 – 379 Lpm) if not visible when looking elsewhere on the product;
- accuracy level (i.e., Level 1 or L1) if not visible when looking elsewhere on the product;
- maximum working pressure;
- trouble shooting guide (if applicable);
- instructions for service and serviceable components and parts (if applicable);
- manufacturer recommended replacement parts (if applicable); and
- contact information for the manufacturer or service company and
- The specific gravity of the fluid used for certification if other than water (specific gravity 1.0 +/- .05)

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**NSF/AWWA/ANSI 416 - 2015
Sustainability assessment for water treatment chemical products**

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-
-

7 Chemical product efficacy

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7.2 Chemical efficacy

The manufacturer shall earn 2 points for documenting that their chemical product is designed and manufactured for improved efficacy under conditions of intended use. This shall be supported by quality control testing documentation such as required by AWWA Chemical Standards or NSF/ANSI 5060. The testing documentation may be from the manufacturer or independent third party.

BSR/UL 62841-3-1, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools And Lawn And Garden Machinery – Safety – Part 3-1: Particular Requirements For Transportable Table Saws

23 Components

This clause of Part 1 is applicable, except as follows:

Protection devices (e.g. overload or over-temperature protection devices) or circuits that switch off the **table saw** shall be of the non-self-resetting type.

BSR/UL 87A, Standard for Safety for Power-Operated Dispensing Devices for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85)

1. Revisions to the Long Term Exposure Test

PROPOSAL

5.2.3.1 For all materials, gaskets and seals, used as static seals, that have been shown to comply with the applicable requirements for static seals in the Standard for Gaskets and Seals, UL 157, along with the exceptions as noted in 5.2.2.1, or with the requirements under material level tests shall be subjected to the system level tests for the applicable component after the Long Term Exposure Test, Section 29 shall be waived. ~~Static seals shall be provided in accordance with 29.2.5.~~

27.6 With respect to Long Term Exposure Testing of full hydraulic trees of dispensers, see 27.4, portions of the hydraulic tree that were previously tested at the component level and using the correct metallic material closures for the fluid rating, see 29.2.3, need not be subjected to repeated Long Term Exposure testing. This waiver includes new parts that are made of the same material as previously tested components. Hydraulic trees that consist of components or materials that were all previously tested with the proper closures would be considered in compliance without a repeated Long Term Exposure Test. In these cases, the test sequence in Section 28 can be waived, and the High Pressure Leakage Test, Section 30, and the Hydrostatic Strength Test, Section 31, are performed on a sample of the hydraulic tree in the as-received condition.

29.2.5 Any o-rings, gaskets, or other sealing materials, shall be provided and installed by the manufacturer. The dynamic sealing devices shall be the same as those that will be used in the final product installation. Static seals shall be representative of the seals being used in the final product installation. If the sealing device or material is not considered part of the component under test, but will be provided in an end product at the time of installation, a representative seal shall be provided for the test. The testing of the static seals, as part of the assembly under test, is only required in the Long Term Exposure Test to test the surrounding components.

29.3.3 The chamber temperature is increased to $60 \pm 2^{\circ}\text{C}$ ($140 \pm 4^{\circ}\text{F}$). When the chamber reaches this temperature, the exposure period begins. The samples are exposed to the applicable test fluid at $60 \pm 2^{\circ}\text{C}$ for approximately 168 hours. At the end of this duration, the exposure period is halted and the chamber is allowed to cool. The samples are subjected to a 50 psi (347 kPa) pressure for one minute. The fluid is then drained from the samples and discarded. The samples are then immediately refilled with new test fluid and the chamber temperature is allowed to increase to $60 \pm 2^{\circ}\text{C}$ again. The total duration of the test shall equal 1008 ~~2520~~ hours of exposure at $60 \pm 2^{\circ}\text{C}$.

BSR/UL 87B, Standard for Safety for Power-Operated Dispensing Devices for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil

1. Revisions to the Long Term Exposure Test

PROPOSAL

5.3.1 For all materials, gaskets and seals that have been shown to comply with the applicable requirements for static seals in the Standard for Gaskets and Seals, UL 157, along with the exceptions as noted in 5.2.2.1, or with the requirements under material level tests shall be subjected to the system level tests for the applicable components shall be subjected to the system level tests for the applicable component after the requirements of the Long Term Exposure Test, Section 28 shall be waived. ~~Static seals shall be provided in accordance with 28.2.4.~~

26.6 With respect to Long Term Exposure Testing of full hydraulic trees of dispensers, see 26.4, portions of the hydraulic tree that were previously tested at the component level and using suitable metallic material closures need not be subjected to repeated Long Term Exposure testing. This waiver includes new parts that are made of the same material as previously tested components. Hydraulic trees that consist of components or materials that were all previously tested with suitable closures would be considered in compliance without a repeated Long Term Exposure Test. In these cases, the test sequence in Section 27 can be waived, and the High Pressure Leakage Test, Section 29, and the Hydrostatic Strength Test, Section 30, are performed on a sample of the hydraulic tree in the as-received condition.

28.2.4 Any o-rings, gaskets, or other sealing materials, shall be provided and installed by the manufacturer. The dynamic sealing devices shall be the same as those that will be used in the final product installation. Static seals shall be representative of the seals being used in the final product installation. If the sealing device or material is not considered part of the component under test, but will be provided in an end product at the time of installation, a representative seal shall be provided for the test. The testing of the static seals, as part of the assembly under test, is only required in the Long Term Exposure Test to test the surrounding components.

28.3.3 The chamber temperature is increased to $60 \pm 2^{\circ}\text{C}$ ($140 \pm 4^{\circ}\text{F}$). When the chamber reaches this temperature, the exposure period begins. The samples are exposed to the applicable test fluid at $60 \pm 2^{\circ}\text{C}$ for approximately 168 hours. At the end of this duration, the exposure period is halted and the chamber is allowed to cool. The samples are subjected to a 50 psi (347 kPa) pressure for one minute. The fluid is then drained from the samples and discarded. The samples are then immediately refilled with new test fluid and the chamber temperature is allowed to increase to $60 \pm 2^{\circ}\text{C}$ again. The total duration of the test shall equal 1008 ~~2520~~ hours of exposure at $60 \pm 2^{\circ}\text{C}$.

BSR/UL 248-12, Standard for Safety for Low-Voltage Fuses – Part 12: Class R Fuses

1. Paragraph 5.3 Figure Reference

5.3 Current rating

Refer to Figures A and B for range of current ratings in each body size for each voltage rating.

2. Value of Prospective Short Circuit Current in Table A

Table A - Maximum peak let-through current and clearing I^2t for Class R fuses

Current rating I_n , A	Between threshold and 25 kA		At 50 kA		At 100 kA		At 200 kA		At 300 kA, if applicable		Peak Let-through Function ^a
	Peak let-through current, kA	I^2t , ampere-squared seconds $3 \cdot 10^3$	Peak let-through current, kA	I^2t , ampere-squared seconds $3 \cdot 10^3$	Peak let-through current, kA	I^2t , ampere-squared seconds $3 \cdot 10^3$	Peak let-through current, kA	I^2t , ampere-squared seconds $3 \cdot 10^3$	Peak let-through current, kA	I^2t , ampere-squared seconds $3 \cdot 10^3$	
Class RK1											
0 - 30	6	10	6	10	8.7	10	12	11	16	13	$Y = 3.71E-02X + 5E+03$
31 - 60	9	40	10	40	12	40	16	50	20	60	$Y = 0.04X + 8000$
61 - 100	13	100	14	100	16	100	20	100	24	120	$Y = 0.04X + 12000$
101 - 200	16	400	18	400	22	400	30	400	38	480	$Y = 8E-02X + 1.4E+04$
201 - 400	32	1,200	33	1,200	35	1,200	50	1,600	79	1,920	$Y = 7.3E-07X^2 - 7E-02X + 3.47E+04$
401 - 600	43	3,000	45	3,000	50	3,000	70	4,000	104	4,800	$Y = 6.7E-07X^2 + 4.33E+04$

Class RK5											
0 - 30	11	50	11	50	11	50	14	50	21	60	$Y = 2.0E-07X^2 - 3E-02X + 1.2E+04$
31 - 60	20	200	20	200	21	200	26	200	35	240	$Y = 2.0E-07X^2 - 1E-02X + 2.0E+03$
61 - 100	21	500	22	500	25	500	32	500	40	600	$Y = 6.7E-08X^2 + 5E-02X + 1.93E+04$
101 - 200	30	1,600	32	1,600	40	1,600	50	2,000	62	2,400	$Y = 1.17E-01X + 2.7E+04$
201 - 400			50	5,200	60	5,000	75	6,000	90	7,200	$Y = 1.64E-01X + 4.25E+04$
401 - 600			65	10,000	80	10,000	100	12,000	124	14,400	$Y = 2.286E-01X + 5.5E+04$

^a The value of X in the equation is the value of the prospective short circuit current in kA (e.g. 50, 100, 200 or 300) A (e.g. 50,000, 100,000, 200,000 or 300,000) or as intended by the author.

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BSR/UL 985-201x, Standard for Safety for Household Fire Warning System Units

1. Web or Internet Downloadable Digital Installation Instructions for Internet Required Products

79.1 Installation instructions shall be provided with each household control unit illustrating the field connection to be made. The drawing may be attached to the unit or, if separate, shall be referenced in the marking attached to the unit by the name or trademark of the manufacturer, drawing number, and issue date and/or revision level.

Exception No. 1: For products intended only to be installed by a trained installer the installation instructions containing the information required by 79.2 - 79.7 is not prohibited from being made available by one or more of the following means:

- a) *Electronic instructions within the basic product software;*
- b) *Electronic media such as website, CD-ROM, DVD, etc.; or*
- c) *When the instructions are included as described in (a) or (b), the instructions shall be referenced in the product marking by:*
 - 1) *Name or trademark of manufacturer,*
 - 2) *Drawing number, <URL address> (This may be a root or home page and not a specific location), and/or equivalent identification, and*
 - 3) *Issue date, revision level, and/or release date, or equivalent information such as date of manufacture or firmware level, which correlates the applicable digital manual revision to the product's current hardware/software. (For example, the product is marked with the date of manufacture or firmware level and the digital manual references the date or firmware range to which the manual is applicable).*

Exception No. 2: Installation instructions for products that require an Internet connection for initial configuration containing the information required by 79.2 - 79.7 is not prohibited from being made available by the means provided in 79.1, exception 1, given the requirements of one of the following are met:

- a) *Where hardcopy installation instructions are not provided, the product annunciates an audible trouble signal when the product is energized until the product is setup; or*
- b) *A constant visual signal visible to the user after the product is installed is permitted to be used in lieu of the audible trouble signal required by 79.1 Exception 2 (a) when the following information is provided in hardcopy with the product:*
 - 1. *Statement the device must be installed and configured before it is to be used,*
 - 2. *Statement the full manual is to be obtained before installation is started and the website or online location where it is available, and*

3. *Description of the visual indication given and its meaning.*

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BSR/UL 1023-201x, Standard for Safety for Household Burglar-Alarm System Units

1. Web or Internet Downloadable Digital Installation Instructions for Internet Required Products

4.4 The instructions may be incorporated on the inside of the product, on a separate sheet, or as part of a manual. If not included directly on the product, the instructions or manual shall be referenced in the marking information on the product. See Markings, Section 86.

Exception No. 1: For products intended only to be installed by a trained installer, the installation instructions containing the information required by ~~85A.2-85A.54.1-4.3~~ is not prohibited from being made available by one or more of the following means:

- a) *Electronic instructions within the basic product software;*
- b) *Electronic media such as website, CD-ROM, DVD, etc.; or*
- c) *When the instructions are included as described in (a) or (b), the instructions shall be referenced in the product marking by:*
 - 1) *Name or trademark of manufacturer,*
 - 2) *Drawing number, URL address (This may be a root or home page and not a specific location), and/or equivalent identification, and*
 - 3) *Issue date, revision level, and/or release date, or equivalent information such as date of manufacture or firmware level, which correlates the applicable digital manual revision to the product's current hardware/software. (For example, the product is marked with the date of manufacture or firmware level and the digital manual references the date or firmware range to which the manual is applicable).*

Exception No. 2: Installation instructions for products that require an Internet connection for initial configuration containing the information required by 4.1-4.3 is not prohibited from being made available by the means provided in 4.4, exception 1, given the requirements of one of the following are met:

- a) *Where hardcopy installation instructions are not provided, the product annunciates an audible trouble signal when the product is energized until the product is setup; or*
- b) *A constant visual signal visible to the user after the product is installed is permitted to be used in lieu of the audible trouble signal required by 4.4 Exception 2 (4a) when the following information is provided in hardcopy with the product:*
 - 1) *Statement the device must be installed and configured before it is to be used,*
 - 2) *Statement the full manual is to be obtained before installation is started and the website or online location where it is available, and*

- 3) *Description of the visual indication given and its meaning.*

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BSR/UL 1322, Standard for Safety for Fabricated Scaffold Planks and Stages

PROPOSALS

1. Revision to Add Multiple Suspension Points

1. Scope

1.2 These requirements do not cover:

- a) Suspended scaffold components,
- b) Accessories for use with or in the erection of fixed or rolling scaffolds,
- c) *Deleted.*
- d) The construction or installation of scaffolding,
- e) Hoists intended for use with suspended scaffolds, or
- f) Suspended platforms utilizing angled or articulating sections, or
- g) ~~Platforms with more than two suspension points.~~

3.11A MULTI-POINT SUSPENDED PLATFORM (MPSP) - A suspended platform that is supported from at least three separately spaced points and is more than 2.5 ft. (0.75 m) in width. MPSPs range from large area platforms, used for bridge repair and restoration work to small platforms used for access and inspection applications. (Also known as a multi-point suspended scaffold or a multi-point bridge platform.)

4.13 A multipoint suspended platform (MPSP), independent of shape, shall be designed, constructed, and maintained in such a way that a failure of the support means shall not cause any part of the platform to collapse or fail under the most adverse loading condition as determined by the design of the platform. ~~As an extra safety option, each stirrup can have two independent support lines.~~ Testing shall be performed in the most adverse position.

7.2.2 The product is to be placed in a horizontal position and supported 12 inches (305 mm) from the ends of the side rail, or the stirrups in the case of modular stage platforms and modular suspended platforms with cantilevered sections. The supports on one end are to be raised so that one end of the product is 6 inches (152 mm) higher than the other end, and one side rail is to be raised so that the decking is at an angle of 15 degrees to the horizontal. ~~The lead is to be applied to the most adverse position of the platform.~~

BSR/UL 8750, Standard for Safety for Light Emitting Diode (LED) Equipment for Use in Lighting Products

5. Revise requirements for electrical spacings in Section 7.8

8.15.1 An enclosure part of thickness less than required by Table 6.4 that is required by other parts of this standard to comply with this section shall withstand the two tests, in sequence, described in 8.15.2 and 8.15.3:

- a) Without permanent distortion to the extent that spacings are reduced below the values specified in 7.8,
- b) Without transient distortion that results in contact with live parts other than those connected in a Class 2 or LVLE circuit, and
- c) Without development of openings that expose parts that involve a risk of electric shock or injury. Any openings resulting from the test are to be judged under the requirements for accessibility of 7.2.

10. Add Supplement SG - Designation of Temperature Value at the Temperature Measurement Point T_C

SG1.1 These requirements describe the procedure for designation of a temperature value to a temperature measurement point, T_C . The manufacturer may elect to apply these requirements in support of a declared T_C value. Where the T_C value is referenced by other supplements for compliance purposes, more onerous requirements may apply.

SG3.1 ~~The LED equipment shall not rely upon external heat management methods such as forced air cooling or non-integral heat-sinking for compliance with requirements of this supplement~~ is attached to heat sink (if any) provided or recommended by the manufacturer in accordance with the manufacturer's instructions.

SG5.2 When the LED equipment relies on external heat management methods such as forced air cooling or non-integral heat-sinking for compliance with requirements of this supplement, this information shall be included in supporting documentation such as a specification sheet.

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