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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: February 22, 2015

ACCT (Association for Challenge Course Technology)

New Standard

BSR/ACCT 03-201X, Challenge Course and Canopy/Zip Line Tour Standards (new standard)

Develops and maintains consensus standards for the challenge course industry.

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

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 201-201X, Standard for Safety for Garage Equipment (Proposal dated 1/23/15) (revision of ANSI/UL 201-2009)

ANSI approval of the proposed third edition of the Standard for Garage Equipment, UL 201; Recirculation of 61.4.2.

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

Send comments (with copy to psa@ansi.org) to: Linda Phinney, (408) 754-6684, Linda.L.Phinney@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 583-201X, Standard for Safety for Electric-Battery-Powered Industrial Trucks (revision of ANSI/UL 583-2014b)

This recirculation proposal provides revisions to the UL 583 proposal dated 10-10-14.

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

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 588-201x, Standard for Safety for Seasonal and Holiday Decorative Products (revision of ANSI/UL 588-2013a)

Covers a proposal to permit minimum 25 AWG conductor being used in series-connected string.

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

Send comments (with copy to psa@ansi.org) to: Megan Sepper, (847) 664-3411, Megan.M.Sepper@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1203-201X, Standard for Safety for Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations (Proposal dated 01-23-15) (revision of ANSI/UL 1203-2013a)

This proposal includes clarification of cylindrical and straight joints in Section SA6.

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

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1651-201x, Standard for Safety for Optical Fiber Cable (revision of ANSI/UL 1651-2008 (R2013))

(3) Addition of "-LS" Cable Designation.

[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 1703-201x, Standard for Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 1703-2014c)

(1) Additional appendix with retest guidelines for informational purposes.

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

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1839-201x, Standard for Safety for Automotive Battery Booster Cables (revision of ANSI/UL 1839-2009 (R2014))

(1) Proposed revision to paragraph 3.1 to clarify the requirements for conductor materials.

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

Send comments (with copy to psa@ansi.org) to: Elizabeth Sheppard, (847) 664-3276, Elizabeth.H.Sheppard@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 2034-201X, Standard for Safety for Single and Multiple Station Carbon Monoxide Alarms (revision of ANSI/UL 2034-2009)

Document (dated 1-23-15) recirculates changes to the original proposal dated 2-28-14 regarding the Normal Operation Test.

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

Send comments (with copy to psa@ansi.org) to: Paul Lloret, (408) 754-6618, Paul.E.Lloret@ul.com

Comment Deadline: March 9, 2015

API (American Petroleum Institute)

New National Adoption

BSR/API Recommended Practice 2N-201x, Planning, Designing, and Constructing Structures and Pipelines for Arctic Conditions (national adoption with modifications of ISO 19906:2010)

This standard specifies requirements and provides recommendations and guidance for the design, construction, transportation, installation, and removal of offshore structures, related to the activities of the petroleum and natural gas industries in arctic and cold regions. While this standard does not apply specifically to mobile offshore drilling units, the procedures relating to ice actions and ice management contained in this standard are applicable to the assessment of such units.

Single copy price: Free

Obtain an electronic copy from: Roland Goodman (goodmanr@api.org)

Order from: Roland Goodman, (202) 682-8571, goodmanr@api.org

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

ASC X9 (Accredited Standards Committee X9, Incorporated)

New National Adoption

BSR X9.8-1-2003-201x, Personal Identification Number PIN Management (identical national adoption of ISO 9564 part 1)

Basic principles and techniques which provide the minimum security measures required for effective international PIN management. PIN protection techniques applicable to financial transaction card originated transactions in an online environment and a standard means of interchanging PIN data.

Single copy price: \$100.00

Obtain an electronic copy from: janet.busch@x9.org

Order from: Janet Busch, (410) 267-7707, janet.busch@x9.org

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

AWS (American Welding Society)

Revision

BSR/AWS C3.4M/C3.4-201x, Specification for Torch Brazing (revision of ANSI/AWS C3.4M/C3.4-2007a)

This specification presents the minimum fabrication, equipment, and process procedure requirements, as well as inspection requirements for the torch brazing of steels, stainless steels, copper, copper alloys, and heat- or corrosion-resistant alloys and other materials that can be adequately torch brazed (the torch brazing of aluminum alloys is addressed in AWS C3.7M/C3.7, Specification for Aluminum Brazing). This specification provides criteria for classifying torch-brazed joints based on loading and the consequences of failure and quality assurance criteria defining the limits of acceptability in each class.

Single copy price: \$28.00

Obtain an electronic copy from: sborrero@aws.org

Order from: Stephen Borrero, (305) 443-9343, sborrero@aws.org

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

AWS (American Welding Society)

Revision

BSR/AWS C3.5M/C3.5-201x, Specification for Induction Brazing (revision of ANSI/AWS C3.5M/C3.5-2007a)

This specification provides the minimum fabrication, equipment, and process procedure requirements, as well as inspection requirements for the induction brazing of steels, copper, copper alloys, and heat- and corrosion-resistant alloys and other materials that can be adequately induction brazed (the induction brazing of aluminum alloys is addressed in AWS C3.7M/C3.7, Specification for Aluminum Brazing). This specification provides criteria for classifying induction-brazed joints based on loading and the consequences of failure and quality assurance criteria defining the limits of acceptability in each class.

Single copy price: \$28.00

Obtain an electronic copy from: sborrero@aws.org

Order from: Stephen Borrero, (305) 443-9343, sborrero@aws.org

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

AWS (American Welding Society)

Revision

BSR/AWS C3.6M/C3.6-201x, Specification for Furnace Brazing (revision of ANSI/AWS C3.6M/C3.6-2007)

This specification provides the minimum fabrication, equipment, material, process procedure requirements, as well as inspection requirements for the furnace brazing of steels, copper, copper alloys, and heat- and corrosion-resistant alloys and other materials that can be adequately furnace brazed (the furnace brazing of aluminum alloys is addressed in AWS C3.7M/C3.7, Specification for Aluminum Brazing). This specification provides criteria for classifying furnace-brazed joints based on loading and the consequences of failure and quality assurance criteria defining the limits of acceptability in each class.

Single copy price: \$28.00

Obtain an electronic copy from: sborrero@aws.org

Order from: Stephen Borrero, (305) 443-9343, sborrero@aws.org

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

AWWA (American Water Works Association)

Withdrawal

ANSI/AWWA C706-2010, Direct-Reading, Remote-Registration Systems for Cold-Water Meters (withdrawal of ANSI/AWWA C706-2010)

This standard covers direct-reading, remote-registration systems for use on cold-water meters for water-utility customer service and the materials and workmanship employed in the fabrication and assembly of these systems.

Single copy price: \$79.00

Obtain an electronic copy from: <http://www.awwa.org/store/productdetail.aspx?productid=25364>

Order from: Paul Olson, (303) 347-6177, polson@awwa.org; v david@awwa.org

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

CSA (CSA Group)**Reaffirmation**

BSR Z21.81-2004 (R201x), Z21.81a-2006 (R201x), Standard for Cylinder Connection Devices (same as CSA 6.25) (reaffirmation of ANSI Z21.81-2004 (R2010), Z21.81a-2006 (R2010))

Details test and examination criteria for Type I and Type II cylinder connection devices intended to connect the cylinder valve on portable LP-Gas containers to the inlet of the regulator on outdoor cooking gas appliances. These cylinder connection devices are intended for vapor withdrawal service only.

Single copy price: Free

Obtain an electronic copy from: david.zimmerman@csagroup.org

Order from: David Zimmerman, (216) 524-4990, david.zimmerman@csagroup.org

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

ECIA (Electronic Components Industry Association)**Revision**

BSR/EIA 364-15B-201x, Contact Strength Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-15A-2006 (R2012))

This standard establishes a test method to determine the tensile strength of a crimped contact to conductor joint. The values obtained give an indication of the relative strength of the joints. Unless otherwise specified in the referencing document, this is a destructive test.

Single copy price: \$69.00

Obtain an electronic copy from: global.ihs.com (877) 413-5184

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

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

ECIA (Electronic Components Industry Association)**Revision**

BSR/EIA 622-B-201x, Glossary of Electrical Connector Related Terms (revision and redesignation of ANSI/EIA 622-A-2007)

This standard contains terminology definition used with electronic/electrical connectors.

Single copy price: \$134.00

Obtain an electronic copy from: global.ihs.com (877) 413-5184

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

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

EOS/ESD (ESD Association, Inc.)**Revision**

BSR/ESD STM11.11-201x, ESD Association Standard Test Method for Protection of Electrostatic Discharge Susceptible Items - Surface Resistance Measurement of Static Dissipative Planar Materials (revision of ANSI/ESD STM11.11-1993 (R2007))

This standard test method describes a direct-current measurement method that is used for the static dissipative resistance range of planar materials. This test method is not intended for electrically conductive or insulative materials.

Single copy price: 145.00 (List)/\$115.00 (ESD Members) [Hardcopy]; \$135.00 (List)/\$105.00 (ESD Members) [Softcopy]

Obtain an electronic copy from: cearl@esda.org

Order from: Christina Earl, (315) 339-6937, cearl@esda.org

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

EOS/ESD (ESD Association, Inc.)**Revision**

BSR/ESDA/JEDEC JS-002-201x, ESDA/JEDEC Joint Standard for Electrostatic Discharge Sensitivity Testing - Charged Device Model (CDM) - Device Level (revision and redesignation of ANSI/ESD S5.3.1-2009)

This standard establishes the procedure for testing, evaluating, and classifying devices and microcircuits according to their susceptibility (sensitivity) to damage or degradation by exposure to a defined charged device model (CDM) electrostatic discharge (ESD). All packaged semiconductor devices, thin film circuits, surface acoustic wave (SAW) devices, opto-electronic devices, hybrid integrated circuits (HICs), and multi-chip modules (MCMs) containing any of these devices are to be evaluated according to this standard. To perform the tests, the devices must be assembled into a package similar to that expected in the final application.

Single copy price: 145.00 (List)/\$115.00 (ESD Members) [Hardcopy]; \$135.00 (List)/\$105.00 (ESD Members) [Softcopy]

Obtain an electronic copy from: cearl@esda.org

Order from: Christina Earl, (315) 339-6937, cearl@esda.org

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

IAPMO (Z) (International Association of Plumbing & Mechanical Officials)**New Standard**

BSR/IAPMO S1001.4-201x, Energy Production Rating of Solar Heating Collectors (new standard)

This Standard specifies the procedures used to determine energy production ratings of solar heating collectors, which provide a basis for comparing the relative thermal performance of various solar collector technologies when evaluated under identical rating conditions. Ratings help users of solar heating products make an informed decision regarding the choice of collector with respect to thermal performance in a variety of end-use applications.

Single copy price: Free

Obtain an electronic copy from: standards@IAPMOstandards.org

Order from: les.nelson@iapmo.org

Send comments (with copy to psa@ansi.org) to: Abraham Murra, (909) 472-4106, abraham.murra@IAPMOstandards.org

ISEA (ASC Z87) (International Safety Equipment Association)**Revision**

BSR ISEA Z87.1-201x, Occupational and Educational Personal Eye and Face Protection Devices (revision of ANSI ISEA Z87.1-2010)

This standard sets forth criteria related to the general requirements, testing, and permanent markings; and provides guidance on the selection, care, and use of protectors to minimize the occurrence and severity or prevention of injuries from such hazards as impact, non-ionizing radiation, and liquid splash exposures. Certain hazardous exposures, such as those caused by recreational activities or biological agents, are not covered in this standard.

Single copy price: \$50.00

Obtain an electronic copy from: cfargo@safetysafetyequipment.org

Order from: Cristine Fargo, (703) 525-1695, cfargo@safetysafetyequipment.org

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

NASPO (North American Security Products Organization)

New Standard

BSR/NASPO-IDPV-201x, Requirements and Implementation Guidelines for Assertion, Resolution, Evidence, and Verification of Personal Identity (new standard)

This standard specifies requirements and provides implementation guidelines for an identity proof and verification methodology and associated privacy considerations for identity management systems.

Single copy price: n/a

Obtain an electronic copy from: <http://www.naspo.info>

Send comments (with copy to psa@ansi.org) to: idpv@naspo.info

NEMA (ASC C136) (National Electrical Manufacturers Association)

Reaffirmation

BSR C136.47-2010 (R201x), Standard for Roadway and Area Lighting Equipment - Steel Roadway and Area Lighting Poles (reaffirmation and redesignation of ANSI C136.36C-2010)

This standard applies to steel lighting poles. This standard includes nomenclature, dimensional data, performance criteria, and some interchangeability features for standard poles as well as those that must meet breakaway requirements for poles as described in Standard Specifications for Structural Supports for Highway Signs, Luminaires, and Traffic Signals, AASHTO LTS.

Single copy price: \$60.00

Order from: paul.rodriquez@nema.org

Send comments (with copy to psa@ansi.org) to: paul.rodriquez@nema.org

NSF (NSF International)

Revision

BSR/NSF 50-201x (i99r2), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2014)

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

Single copy price: Free

Order from: Mindy Costello, (734) 827-6819, mcostello@nsf.org

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

PLASA (PLASA North America)

New Standard

BSR E1.37-5-201x, General Purpose Messages for ANSI E1.20, RDM (new standard)

This document provides additional Get/Set parameter messages (PIDs) for use with the ANSI E1.20 Remote Device Management protocol.

Single copy price: Free

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

Order from: Karl Ruling, (212) 244-1505, standards.na@plasa.org

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

PLASA (PLASA North America)

New Standard

BSR E1.54-201x, PLASA Standard for Color Communication in Entertainment Lighting (new standard)

This standard specifies a standardized color space, and defines the locations of the RGB primaries and the White Point for the purpose of facilitating the communications between lighting controllers and color-changing luminaires. It offers a standardized way of specifying color. The method is generic and is neither manufacturer-specific nor color technology-specific.

Single copy price: Free

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

Order from: Karl Ruling, (212) 244-1505, standards.na@plasa.org

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

PLASA (PLASA North America)

New Standard

BSR E1.55-201x, Standard for Theatrical Makeup Mirror Lighting (new standard)

This standard applies to lighting systems for makeup mirrors and makeup stations used by performers and makeup artists for applying makeup to performers in theatres and other performance venues. It describes the topology of the makeup mirror lighting system, the quantity of light, the distribution of light from those sources, apparent source size, brightness, color rendering, and correlated color temperature.

Single copy price: Free

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

Order from: Karl Ruling, (212) 244-1505, standards.na@plasa.org

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

PMI (Project Management Institute)

Revision

BSR/PMI-99-001-201X, A Guide to the Project Management Body of Knowledge - Sixth Edition (PMBOK® Guide - Sixth Edition) (revision of ANSI/PMI 99-001-2013)

A Guide to the Project Management Body of Knowledge - Sixth Edition (PMBOK® Guide - Sixth Edition) is a basic reference and the global standard for the project management profession. The PMBOK® Guide identifies and describes the subset of the project management body of knowledge that is recognized as good practice. The purpose of this ballot is to relocate substantial portions of the text into guidance/informational sections.

Single copy price: Free for Draft

Obtain an electronic copy from: lorna.scheel@pmi.org

Order from: Lorna Scheel, (313) 404-3507, lorna.scheel@pmi.org

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

TAPPI (Technical Association of the Pulp and Paper Industry)

Reaffirmation

BSR/TAPPI T 558 om-2010 (R201x), Surface wettability and absorbency of sheeted materials using an automated contact angle tester (reaffirmation of ANSI/TAPPI T 558 om-2010)

This test method is an automated approach to contact angle measurement applicable to a wide range of sheeted materials and liquids where interfacial contact angles range from near zero to near 180 degrees.

Single copy price: Free

Obtain an electronic copy from: standards@tappi.org

Order from: Charles Bohanan, (770) 209-7276, standards@tappi.org

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

TAPPI (Technical Association of the Pulp and Paper Industry)

Revision

BSR/TAPPI T 454 om-201x, Turpentine test for voids in glassine and greaseproof papers (revision of ANSI/TAPPI T 454 om-2010)

This method gives an accelerated comparison of the relative rates at which oils or greases, such as commonly found in foodstuffs, may be expected to penetrate papers such as greaseproof, glassine, and vegetable parchment. In addition, it may be used to select and predict the performance of these grades of papers for an intended end use. The selection should be used as preliminary to, and not a substitute for, tests with prototype end products containing the oils or greases of interest. It may not be applicable to grades of paper or paperboard that are given grease or oil resistance by means of a coating or internal treatment.

Single copy price: Free

Obtain an electronic copy from: standards@tappi.org

Order from: Charles Bohanan, (770) 209-7276, standards@tappi.org

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

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 60079-1-201X, Standard for Safety for Explosive Atmospheres - Part 1: Equipment Protection by Flameproof Enclosures "d" (Proposal dated 01-23-15) (national adoption of IEC 60079-1 with modifications and revision of ANSI/UL 60079-1-2009 (R2013))

This proposal includes the new Seventh Edition of the Standard for Safety for Explosive Atmospheres - Part 1: Equipment Protection by Flameproof Enclosures "d", UL 60079-1 incorporating the requirements from the Seventh Edition (2014) of the Standard for Safety for Explosive Atmospheres - Part 1: Equipment Protection by Flameproof Enclosures "d", IEC 60079-1 with US differences

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: Vickie Hinton, (919) 549-1851, Vickie.T.Hinton@ul.com

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 618-2010 (R201x), Standard for Safety for Concrete Masonry Units (reaffirmation of ANSI/UL 618-2010)

The following is being proposed: (1) Reaffirmation and continuance of the Ninth Edition of the Standard for Concrete Masonry Units, UL 618, as an American National Standard.

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: Heather Sakellariou, (847) 664-2346, Heather.Sakellariou@ul.com

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 696-2010 (R201x), Standard for Safety for Electric Toys (reaffirmation of ANSI/UL 696-2010)

These requirements cover electrically operated toys. The package for the toy is considered part of the toy. An electric product is considered a toy if it is designed, manufactured, or marketed as a plaything for children over the age of 3. For a toy that mimics the form or function of an established general-use appliance, the established requirements shall be considered. These requirements do not cover toys for outdoor use, sewing machines, flatirons, toys that operate with water, toys that operate with a gas or liquid under pressure toy transformers, or toys intended to operate from the secondary of a toy transformer at a potential of 30 volts rms or less.

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: Anne Marie Jacobs, (919) 549-0954, annemarie.jacobs@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 486D-201x, Standard for Safety for Sealed Wire Connector Systems (revision of ANSI/UL 486D-2010)

This proposed new edition includes the following topics: (a) NEC 555.9 and use in marina (salt environment), Clause 1.1; (b) Normative reference updates, Section 2.2; (c) Wire size units, AWG/kcmil, units, Clauses 3.1 and 3.2; (d) Wire connector test clarification, Clause 7.1.1; (e) Two-conductor requirement, Clause 9.1.2; (f) Conductor insulation for size 16 AWG and smaller, Clause 9.1.4; (g) Impact Test apparatus, Figure A.1; and (h) Clarification to Clause 10.2.

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: Marcia Kawate, (408) 754-6743, Marcia.M.Kawate@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 514A-201x, Standard for Safety for Metallic Outlet Boxes (revision of ANSI/UL 514A-2013A)

(1) Clarification for the evaluation of covers; (2) Clarification of the term "cross-sectional area" of conduit bodies; (3) Clarification of conduit bodies, including new and deleted requirements; (4) Revision to the type of vibrator referenced for testing in Clause 12.18.7; and (5) Correction of a dimension in clause 13.11.

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: Susan Malohn, (847) 664-1725, Susan.P.Malohn@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 2572-201X, Standard for Mass Notification Systems (revision of ANSI/UL 2572-2011)

- Revising the HPSA Performance Tests; the Short Range Radio Frequency Device Test Methods; the Operation and Annunciation section; the RF Interference Test; the Emergency Voice Alarm Systems Equipment requirements; the In-Building Equipment requirement; NACs, IDCs, and SLCs; the diagram covering electronic media; the Combination System requirements; to align with NFPA 72.

- Deletion of item c of 42.7.

- Additional requirements covering the minimum rechargeable standby power safety margin; compatibility after field software updates; and instructions for the user when a system uses a microphone.

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: Alan McGrath, (847) 664-3038, alan.t.mcgrath@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 60079-31-201X, Standard for Safety for Explosive Atmospheres - Part 31: Equipment Dust Ignition Protection by Enclosure "t" (proposal dated 01-23-15) (revision and redesignation of ANSI/ISA 60079-31 (12.10.03)-2013)

This proposal includes Adoption of IEC 60079-31, Explosive Atmospheres - Part 31: Equipment Dust Ignition Protection by Enclosure "t" (2nd Edition, issued by IEC November 2011) as a new IEC-based UL standard, UL 60079-31 with US differences.

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: Vickie Hinton, (919) 549-1851, Vickie.T.Hinton@ul.com

VC (ASC Z80) (The Vision Council)

Reaffirmation

BSR Z80.9-2010 (R201x), Devices for Low Vision (reaffirmation of ANSI Z80.9-2010)

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

Single copy price: \$65.00

Obtain an electronic copy from: arobinson@thevisioncouncil.org

Order from: Amber Robinson, (703) 740-1094, arobinson@thevisioncouncil.org

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

Call for Members (ANS Consensus Bodies)

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

AAMI (Association for the Advancement of Medical Instrumentation)

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

Contact: *Joe Lewelling*

Phone: (703) 253-8281

Fax: (703) 276-0793

E-mail: JLewelling@aami.org

BSR/AAMI HIT2000-201x, Application of Quality Management Principles and Practices to Health IT (new standard)

ACCT (Association for Challenge Course Technology)

Office: P.O. Box 47
Deerfield, IL 60015

Contact: *Bill Weaver*

Phone: (800) 991-0286 Ext 913

Fax: (800) 991-0287

E-mail: bill@acctinfo.org

BSR/ACCT 03-201X, Challenge Course and Canopy/Zip Line Tour Standards (new standard)

Obtain an electronic copy from: bill@acctinfo.org

ECIA (Electronic Components Industry Association)

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

Contact: *Laura Donohoe*

Phone: (571) 323-0294

Fax: (571) 323-0245

E-mail: ldonohoe@ecianow.org

BSR/EIA 364-15B-201x, Contact Strength Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-15A-2006 (R2012))

Obtain an electronic copy from: global.ihs.com (877) 413-5184

BSR/EIA 622-B-201x, Glossary of Electrical Connector Related Terms (revision and redesignation of ANSI/EIA 622-A-2007)

Obtain an electronic copy from: www.global.ihs.com 1-877-413-5184

NASPO (North American Security Products Organization)

Office: 204 E Street NE
Washington, DC 20002

Contact: *David Brown*

Phone: (408) 765-1806

Fax: (408) 765-7737

E-mail: david.a.brown@intel.com

BSR/NASPO-IDPV-201x, Requirements and Implementation Guidelines for Assertion, Resolution, Evidence, and Verification of Personal Identity (new standard)

Obtain an electronic copy from: <http://www.naspo.info>

NEMA (ASC C136) (National Electrical Manufacturers Association)

Office: 1300 North 17th Street
Suite 1752
Rosslyn, VA 22209

Contact: *Megan Hayes*

Phone: (703) 841-3285

Fax: (703) 841-3385

E-mail: megan.hayes@nema.org

BSR C136.18-201X, Standard for Roadway and Area Lighting Equipment - High-Mast Side-Mounted Luminaires for Horizontal- or Vertical-Burning High-Intensity Discharge Lamps (revision of ANSI C136.18-2006 (R2010))

BSR C136.47-2010 (R201x), Standard for Roadway and Area Lighting Equipment - Steel Roadway and Area Lighting Poles (reaffirmation and redesignation of ANSI C136.36C-2010)

NEMA (ASC C78) (National Electrical Manufacturers Association)

Office: 1300 North 17th Street
Suite 1752
Rosslyn, VA 22209

Contact: *Karen Willis*

Phone: (703) 841-3277

Fax: (703) 841-3377

E-mail: Karen.Willis@nema.org

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

TIA (Telecommunications Industry Association)

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

Contact: *Teesha Jenkins*

Phone: (703) 907-7706

Fax: (703) 907-7727

E-mail: standards@tiaonline.org

BSR/TIA 526-2-201x, IEC 61280-1-1 ed. 2 Part 1-1: Test Procedures for General Communication Subsystems - Transmitter Output Optical Power Measurement for Single-Mode Optical Fibre Cable (identical national adoption of IEC 61280-1-1 ed. 2 Part 1-1)

BSR/TIA 526-7-201x, IEC 61280-4-2 ed.2: Fibre-Optic Communication Subsystem Test Procedures - Part 4-2: Installed Cable Plant - Single-Mode Attenuation and Optical Return Loss Measurement (identical national adoption of IEC 61280-4-2 ed.2)

UL (Underwriters Laboratories, Inc.)

Office: 455 E. Trimble Rd.
San Jose, CA 95131-1230

Contact: *Marcia Kawate*

Phone: (408) 754-6743

Fax: (408) 754-6743

E-mail: Marcia.M.Kawate@ul.com

BSR/UL 486D-201x, Standard for Safety for Sealed Wire Connector Systems (revision of ANSI/UL 486D-2010)

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

BSR/UL 514A-201x, Standard for Safety for Metallic Outlet Boxes (revision of ANSI/UL 514A-2013A)

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

BSR/UL 618-2010 (R201x), Standard for Safety for Concrete Masonry Units (reaffirmation of ANSI/UL 618-2010)

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

BSR/UL 696-2010 (R201x), Standard for Safety for Electric Toys (reaffirmation of ANSI/UL 696-2010)

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

BSR/UL 2572-201X, Standard for Mass Notification Systems (revision of ANSI/UL 2572-2011)

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

Call for Members (ANS Consensus Bodies)

CNG Standards Development

Seeking Technical Experts

CSA Group, an ANSI accredited SDO, is seeking technical experts to help develop standards for CNG Fuel Storage and Delivery Systems.

The standards committees that are seeking new members are as follows:

(1) *NGV 6.1 Standard for CNG Vehicle / subsystem* (NEW committee)

This standard applies to the design, installation, inspection, repair, and maintenance of the fuel storage and delivery system installed in on road vehicles for use with compressed natural gas (CNG). This includes fuel systems on self-propelled vehicles for the provision of motive power.

This does not apply to:

- a) stationary engines;
- b) mobile equipment using natural gas as a fuel for other than propulsion;
- c) electronic components or controls strategy of a fuel management system.

(2) *NGV 4.3, Standard for CNG Temperature Compensation* (NEW committee)

This standard establishes the test method, criteria, and apparatus to evaluate a CNG dispenser as it relates to filling a vehicle storage system.

(3) *NGV 4.1, Standard for NGV Dispensing Systems*

This standard applies to:

- a) The mechanical and electrical features of newly manufactured systems that dispense natural gas for vehicles (NGV) where such a system is intended primarily to dispense the fuel directly into the fuel storage container of the vehicle
- b) NGV dispensers contained in a single housing, and
- c) NGV dispensers contained in multiple housings for metering and registering devices, remote electronics, remote overfill protection, hoses and nozzles.

If you have the technical background in any of the areas noted above and are interested in being a part of the standards development committee(s) working on these projects, please contact Julie Cairns at julie.cairns@csagroup.org.

Call for Members (ANS Consensus Bodies)

NSF International

Office: 789 N. Dixboro Road
P.O. Box 130140
Ann Arbor, MI 48113-0140
Toll Free (USA): 800-NSF-MARK (800-673-6275)
Contact: *Al Rose, Secretariat*
Phone: (734) 827-3817
E-mail: arose@nsf.org

NSF is seeking experts to serve on the NSF Joint Committee on Organic Personal Care. Currently, there are openings in the following Interest Categories:

Public Agency: A member who is from a public agency, including Academia, Government, Military, Model code organization, Professional public/environmental health/safety organization, and Public agency having regulatory authority for Products in this Standard.

ANSI/NSF 305, *Personal Care Products Containing Organic Ingredients*, is the American National Standard that specifies materials, processes, production criteria, and conditions that shall be met in order for personal care products to make organic label and marketing claims under this Standard. This Standard intends to address products with a minimum organic content of 70% (O70).

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.

AWS (American Welding Society)

Revision

ANSI/AWS B2.1-1/8-010-2015, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding of Carbon Steel (M-1/P-1) to Austenitic Stainless Steel (M-8/P-8), 18 through 10 Gauge, in the As-Welded Condition, with or without Backing (revision of ANSI/AWS B2.1-1/8-010-2002): 1/14/2015

CRSI (Concrete Reinforcing Steel Institute)

New Standard

- * ANSI/CRSI CG1.1-2014, Standard Practice for Epoxy Coating Facilities: Straight Bar Lines (new standard): 1/15/2015
- * ANSI/CRSI CG2.1-2014, Standard Practice for Epoxy-Coated Reinforcing Bar Fabrication Facilities (new standard): 1/15/2015

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

New Standard

- * ANSI/ASPE/IAPMO Z1034-2015, Test Method for Evaluating Roof Drain Performance (new standard): 1/14/2015

NSF (NSF International)

New Standard

- * ANSI/NSF 416-2014 (i2r1), Sustainability Assessment for Water Treatment Chemical Products (new standard): 1/14/2015

UL (Underwriters Laboratories, Inc.)

Revision

ANSI/UL 94-2015, Standard for Safety for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances (revision of ANSI/UL 94-2014): 1/15/2015

ANSI/UL 234-2015, Standard for Safety for Low Voltage Lighting Fixtures for Use in Recreational Vehicles (revision of ANSI/UL 234-2012): 1/15/2015

Project Initiation Notification System (PINS)

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

Following is a list of proposed actions and new ANS that have been received recently from ASDs. Please also review the section in Standards Action entitled "American National Standards Maintained Under Continuous Maintenance" for additional or comparable information with regard to standards maintained under the continuous maintenance option. To view information about additional standards for which a PINS has been submitted and to search approved ANS, please visit www.NSSN.org, which is a database of standards information. Note that this database is not exhaustive.

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

AAMI (Association for the Advancement of Medical Instrumentation)

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

Contact: *Joe Lewelling*

Fax: (703) 276-0793

E-mail: JLewelling@aami.org

BSR/AAMI HIT2000-201x, Application of Quality Management Principles and Practices to Health IT (new standard)

Stakeholders: Health IT producers, vendors, and manufacturers; healthcare providers; healthcare IT professionals; patient advocacy organizations; government representatives; and health-IT associations.

Project Need: There is need for the application of QMS principles and practices for health software and other HIT products that pose only moderate risk to patients and that are not regulated as medical devices. HIT products differ from medical device software in that HIT complexity comes primarily from the domain content, has a very different product life cycle and tends to evolve over the life of the product. Therefore, a QMS for such HIT needs to emphasize different quality management principles.

This standard will detail the the application of Quality Management System (QMS) principles and practices for health IT software to improve patient safety.

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 15.11-201x, Radiation Protection at Research Reactors (revision of ANSI/ANS 15.11-2009)

Stakeholders: Research reactor licensees.

Project Need: The current standard needs to be revised to reflect changes in regulation and timely review of applicability.

This standard establishes the elements of a radiation protection program and the criteria necessary to provide an acceptable level of radiation protection for personnel at research reactor facilities and the public consistent with keeping exposures and releases as low as reasonably achievable.

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 B31E-2010, Standard for the Seismic Design and Retrofit of Above-Ground Piping Systems (revision of ANSI/ASME B31E-2008)

Stakeholders: Liquid and gas pipeline industries, contractors, Federal and State regulators, and service providers.

Project Need: The B31 Mechanical Design Technical Committee is seeking to revise this Standard with technical updates to reflect the state of the art with regard to seismic design and retrofit of above-ground piping systems.

This Standard establishes a method for the seismic design of above-ground piping systems. This Standard applies to above-ground, metallic piping systems in the scope of the ASME B31 Code for Pressure Piping. The requirements in this Standard are valid when the piping system complies with the materials, design, fabrication, examination, testing, and inspection requirements of the applicable ASME B31 Code Section.

AWWA (American Water Works Association)

Office: 6666 W. Quincy Ave.
Denver, CO 80235

Contact: *Paul Olson*

Fax: (303) 795-7603

E-mail: polson@awwa.org; vdavid@awwa.org

BSR/AWWA C560-201x, Cast Iron Slide Gates (revision, redesignation and consolidation of ANSI/AWWA C560-2014 and ANSI/AWWA C560a-2015)

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

Project Need: The purpose of this standard is to provide the minimum requirements for cast-iron slide gates, including materials, general design, manufacture, testing, inspection, and shipment.

This standard describes vertically mounted, cast iron slide gates designed for either seating head or unseating head, or both, in ordinary water supply service.

NEMA (ASC C136) (National Electrical Manufacturers Association)

Office: 1300 North 17th Street
Suite 1752
Rosslyn, VA 22209

Contact: Megan Hayes

Fax: (703) 841-3385

E-mail: megan.hayes@nema.org

BSR C136.18-201X, Standard for Roadway and Area Lighting Equipment - High-Mast Side-Mounted Luminaires for Horizontal- or Vertical-Burning High-Intensity Discharge Lamps (revision of ANSI C136.18-2006 (R2010))

Stakeholders: Manufacturers, users and specifiers for roadway and area lighting.

Project Need: This document is being revised to update references, include LED technology and be more consistent with other C136 standards.

This standard is intended to cover physical, operational, maintenance, and light-distribution features that permit use of high-mast luminaires in roadway applications when specified. It is not intended that compliance with this standard will permit interchangeability with existing roadway equipment without thorough engineering review and evaluation.

NEMA (ASC C78) (National Electrical Manufacturers Association)

Office: 1300 North 17th Street
Suite 1752
Rosslyn, VA 22209

Contact: Karen Willis

Fax: (703) 841-3377

E-mail: Karen.Willis@nema.org

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

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

Project Need: This project is needed to develop criteria for successfully starting MH Lamps by properly specifying operating frequencies and other critical parameters. This revision also adds three datasheets, updates the references, and re-designates the standard.

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.

NEMA (ASC C8) (National Electrical Manufacturers Association)

Office: 1300 North 17th Street
Suite 1752
Rosslyn, VA 22209

Contact: Ryan Franks

Fax: 703-841-3371

E-mail: ryan.franks@nema.org

BSR ICEA S-119-741-201x, Standard for Fiber to the Antenna (FTTA) Optical Fiber Cable (new standard)

Stakeholders: User, producers, and those having an interest in optical fiber cable.

Project Need: Fiber to the Antenna (FTTA) cables covered by this standard include cable used for distribution and delivery of optical fiber from the base band unit (BBU) of a cell site to the remote radio unit (RRU) on the associated structure.

Fiber to the Antenna (FTTA) cables covered by this standard include cable used for distribution and delivery of optical fiber from the base band unit (BBU) of a cell site to the remote radio unit (RRU) on the associated structure. These cables may be hybrid design, incorporating electrical conductors for low-voltage power delivery and control, or standalone optical cables. This standard primarily references ANSI/ICEA S-87-640-2011 (ICEA 640) and ANSI/ICEA S-104-696-2013 (ICEA 696) for optical performance requirements. Standalone optical cables covered by this standard are essentially ICEA-640- or ICEA-696-compliant cables, less requirements deemed not applicable to the application such as Hydrogen Evolution in Cable, Water Penetration Test, and Mid-Span Buffer Tube Storage. As such, standalone optical cables complying with ICEA 640 or ICEA 696 shall be considered compliant with this standard.

TIA (Telecommunications Industry Association)

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

Contact: Teesha Jenkins

Fax: (703) 907-7727

E-mail: standards@tiaonline.org

BSR/TIA 526-2-201x, IEC 61280-1-1 ed. 2 Part 1-1: Test Procedures for General Communication Subsystems - Transmitter Output Optical Power Measurement for Single-Mode Optical Fibre Cable (identical national adoption of IEC 61280-1-1 ed. 2 Part 1-1)

Stakeholders: Equipment providers of transmission gear; component providers of single-mode optical transceivers, fiber and cabling; structured cabling standards bodies such as TIA TR-42; test equipment providers; installers and users of single-mode cabling.

Project Need: Create new standard.

This part of IEC 61280 applies to fibre optic general communication subsystems. The object of this part is to measure the optical power coupled from the output of a transmitter under test into single-mode optical fibre cable containing dispersion-unshifted fibre or dispersion-shifted fibre.

BSR/TIA 526-7-201x, IEC 61280-4-2 ed.2: Fibre-Optic Communication Subsystem Test Procedures - Part 4-2: Installed Cable Plant - Single-Mode Attenuation and Optical Return Loss Measurement (identical national adoption of IEC 61280-4-2 ed.2)

Stakeholders: Fiber and cabling suppliers, structured cabling bodies such as TIA-TR-42; test equipment providers; installers and users of single-mode cabling.

Project Need: Create new standard.

This standard is applicable to the measurement of attenuation and optical return loss of installed optical fiber cable plant containing single-mode fiber. The principles of this standard may be applied to cable plants containing branching devices (splitters) and at specific wavelength ranges in situations where passive wavelength selective components are deployed, such as WDMs, CWDM, and DWDM devices. This standard is not intended to apply to cable plant that includes active devices such as fiber amplifiers or dynamic channel equalizers.

VC (ASC Z80) (The Vision Council)

Office: 225 Reinekers Lane
Suite 700
Alexandria, VA 22314

Contact: Amber Robinson

Fax: (703) 548-4580

E-mail: arobinson@thevisioncouncil.org

BSR Z80.28-201x, Methods of Reporting Optical Aberrations of Eyes (revision of ANSI Z80.28-2009)

Stakeholders: Stakeholders are eye care providers, researchers, and manufacturers of instruments that measure aberrations of the eye.

Project Need: The project is needed to standardize the way in which information about aberrations of the human eye is displayed so there is common terminology among eye-care providers, researchers, and instrument manufacturers.

This standard specifies standardized methods for reporting the optical aberrations of eyes.

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)
- AGA (American Gas Association)
- AGSC (Auto Glass Safety Council)
- ASC X9 (Accredited Standards Committee X9, Incorporated)
- ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
- ASME (American Society of Mechanical Engineers)
- ASTM (ASTM International)
- GBI (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.

AAMI

Association for the Advancement of
Medical Instrumentation
4301 N Fairfax Drive
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Fax: (703) 276-0793
Web: www.aami.org

ACCT

Association for Challenge Course
Technology
P.O. Box 47
Deerfield, IL 60015
Phone: (800) 991-0286 Ext 913
Fax: (800) 991-0287
Web: www.acctinfo.org

ANS

American Nuclear Society
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La Grange Park, IL 60526
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Fax: (708) 579-8248
Web: www.ans.org

API

American Petroleum Institute
1220 L Street, NW
Washington, DC 20005-4070
Phone: (202) 682-8571
Fax: (202) 962-4797
Web: www.api.org

ASC X9

Accredited Standards Committee X9,
Incorporated
1212 West Street
Suite 200
Annapolis, MD 21401
Phone: (410) 267-7707
Fax: (410) 267-0961
Web: www.x9.org

ASME

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

AWS

American Welding Society
8669 NW 36th Street
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Doral, FL 33166
Phone: (305) 443-9343
Fax: (305) 443-5951
Web: www.aws.org

AWWA

American Water Works Association
6666 W. Quincy Ave.
Denver, CO 80235
Phone: (303) 347-6177
Fax: (303) 795-7603
Web: www.awwa.org

CRSI

Concrete Reinforcing Steel Institute
933 North Plum Grove Road
Schaumburg, IL 60173
Phone: (856) 264-3851
Web: www.crsi.org

CSA

CSA Group
8501 E. Pleasant Valley Road
Cleveland, OH 44131
Phone: (216) 524-4990
Fax: (216) 520-8979
Web: www.csa-america.org

ECIA

Electronic Components Industry
Association
2214 Rock Hill Road
Suite 265
Herndon, VA 20170-4212
Phone: (571) 323-0294
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EOS/ESD

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

IAPMO (ASC Z124)

International Association of Plumbing
& Mechanical Officials
5001 East Philadelphia Street
Ontario, CA 91761-2816
Phone: (909) 472-4106
Fax: (909) 472-4150
Web: www.iapmort.org

ISEA

International Safety Equipment
Association
1901 North Moore Street
Suite 808
Arlington, VA 22209
Phone: (703) 525-1695
Fax: (703) 525-1698
Web: www.safetyequipment.org

NASPO

North American Security Products
Organization
204 E Street NE
Washington, DC 20002
Phone: (408) 765-1806
Fax: (408) 765-7737
Web: www.naspo.info

NEMA (ASC C78)

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1300 North 17th Street
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Web: www.nema.org

NEMA (ASC C8)

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1300 North 17th Street
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Web: www.nema.org

NEMA (Canvass)

National Electrical Manufacturers
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1300 North 17th Street
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Rosslyn, VA 22209
Phone: (703) 841-3285
Fax: (703) 841-3385
Web: www.nema.org

NSF

NSF International
789 N. Dixboro Road
Ann Arbor, MI 48105
Phone: (734) 827-6819
Fax: (734) 827-7875
Web: www.nsf.org

PLASA

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

PMI (Organization)

Project Management Institute
14 Campus Blvd
Newtown Square, PA 19073-3299
Phone: (313) 404-3507
Fax: (610) 356-4647
Web: www.pmi.org

TAPPI

Technical Association of the Pulp and
Paper Industry
15 Technology Parkway South
Peachtree Corners, GA 30092
Phone: (770) 209-7276
Fax: (770) 446-6947
Web: www.tappi.org

TIA

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Association
1320 North Courthouse Road
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Arlington, VA 22201
Phone: (703) 907-7706
Fax: (703) 907-7727
Web: www.tiaonline.org

UL

Underwriters Laboratories, Inc.
12 Laboratory Drive
Research Triangle Park, NC 27709
-3995
Phone: (919) 549-1851
Web: www.ul.com

VC (ASC Z80)

The Vision Council
225 Reinekers Lane
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Alexandria, VA 22314
Phone: (703) 740-1094
Fax: (703) 548-4580
Web: www.z80asc.com



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

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

[ISO 80601-2-70:2015](#), Medical Electrical Equipment - Part 2-70: Particular requirements for basic safety and essential performance of sleep apnoea breathing therapy equipment, \$200.00

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

[ISO 10406-1:2015](#), Fibre-reinforced polymer (FRP) reinforcement of concrete - Test methods - Part 1: FRP bars and grids, \$200.00

[ISO 10406-2:2015](#), Fibre-reinforced polymer (FRP) reinforcement of concrete - Test methods - Part 2: FRP sheets, \$173.00

FIRE SAFETY (TC 92)

[ISO 6944-1/Amd1:2015](#), Fire containment - Elements of building construction - Part 1: Ventilation ducts - Amendment 1, \$22.00

IMPLANTS FOR SURGERY (TC 150)

[ISO 13779-6:2015](#), Implants for surgery - Hydroxyapatite - Part 6: Powders, \$88.00

NATURAL GAS (TC 193)

[ISO 20765-2:2015](#), Natural gas - Calculation of thermodynamic properties - Part 2: Single-phase properties (gas, liquid, and dense fluid) for extended ranges of application, \$240.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

[ISO 17308:2015](#), Petroleum products and other liquids - Ethanol - Determination of electrical conductivity, \$51.00

PROSTHETICS AND ORTHOTICS (TC 168)

[ISO 13405-1:2015](#), Prosthetics and orthotics - Classification and description of prosthetic components - Part 1: Classification of prosthetic components, \$51.00

[ISO 13405-2:2015](#), Prosthetics and orthotics - Classification and description of prosthetic components - Part 2: Description of lower limb prosthetic components, \$123.00

[ISO 13405-3:2015](#), Prosthetics and orthotics - Classification and description of prosthetic components - Part 3: Description of upper limb prosthetic components, \$123.00

REFRACTORIES (TC 33)

[ISO 16349:2015](#), Refractory materials - Determination of abrasion resistance at elevated temperature, \$88.00

ROAD VEHICLES (TC 22)

[ISO 16844-4:2015](#), Road vehicles - Tachograph systems - Part 4: CAN interface, \$149.00

[ISO 16844-6:2015](#), Road vehicles - Tachograph systems - Part 6: Diagnostics, \$123.00

[ISO 16844-7:2015](#), Road vehicles - Tachograph systems - Part 7: Parameters, \$240.00

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

[ISO 17599:2015](#), Technical product documentation (TPD) - General requirements of digital mock-up for mechanical products, \$149.00

TOURISM AND RELATED SERVICES (TC 228)

[ISO 13009:2015](#), Tourism and related services - Requirements and recommendations for beach operation, \$173.00

ISO Technical Reports

ACOUSTICS (TC 43)

[ISO/TR 17534-3:2015](#), Acoustics - Software for the calculation of sound outdoors - Part 3: Recommendations for quality assured implementation of ISO 9613-2 in software according to ISO 17534-1, \$240.00

ISO Technical Specifications

DENTISTRY (TC 106)

[ISO/TS 11405:2015](#), Dentistry - Testing of adhesion to tooth structure, \$88.00

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

[ISO/TS 18683:2015](#), Guidelines for systems and installations for supply of LNG as fuel to ships, \$200.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 14882:2015](#), Information technology - Programming languages - C++, \$265.00

[ISO/IEC 19395:2015](#), Information technology - Sustainability for and by information technology - Smart data centre resource monitoring and control, \$173.00

IEC Standards

ELECTRIC CABLES (TC 20)

[IEC 60183 Ed. 3.0 b:2015](#), Guidance for the selection of high-voltage A.C. cable systems, \$73.00

[IEC 60702-1 Ed. 3.1 b:2015](#), Mineral insulated cables and their terminations with a rated voltage not exceeding 750 V - Part 1: Cables, \$200.00

[IEC 60702-1 Amd.1 Ed. 3.0 b:2015](#), Amendment 1 - Mineral insulated cables and their terminations with a rated voltage not exceeding 750 V - Part 1: Cables, \$200.00

[IEC 60702-2 Ed. 2.1 b:2015](#), Mineral insulated cables and their terminations with a rated voltage not exceeding 750 V - Part 2: Terminations, \$73.00

[IEC 60702-2 Amd.1 Ed. 2.0 b:2015](#), Amendment 1 - Mineral insulated cables and their terminations with a rated voltage not exceeding 750 V - Part 2: Terminations, \$17.00

ELECTRICAL APPARATUS FOR EXPLOSIVE ATMOSPHERES (TC 31)

[IEC 60079-10-2 Ed. 2.0 b:2015](#), Explosive atmospheres - Part 10-2: Classification of areas - Explosive dust atmospheres, \$206.00

ELECTRICAL EQUIPMENT IN MEDICAL PRACTICE (TC 62)

[IEC 60601-1-11 Ed. 2.0 b:2015](#), Medical electrical equipment - Part 1 -11: General requirements for basic safety and essential performance - Collateral Standard: Requirements for medical electrical equipment and medical electrical systems used in the home healthcare environment, \$339.00

FIBRE OPTICS (TC 86)

[IEC 61300-3-50 Ed. 1.0 b cor.1:2015](#), Corrigendum 1 - Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-50: Examinations and measurements - Crosstalk for optical spatial switches, \$0.00

FIRE HAZARD TESTING (TC 89)

[IEC 60695-1-12 Ed. 1.0 b:2015](#), Fire hazard testing - Part 1-12: Guidance for assessing the fire hazard of electrotechnical products - Fire safety engineering, \$230.00

FLAT PANEL DISPLAY DEVICES (TC 110)

[IEC 61747-40-2 Ed. 1.0 en:2015](#), Liquid crystal display devices - Part 40-2: Mechanical testing of display cover glass for mobile devices - Uni-axial flexural strength (4-point bend), \$121.00

[IEC 61747-40-3 Ed. 1.0 en:2015](#), Liquid crystal display devices - Part 40-3: Mechanical testing of display cover glass for mobile devices - Biaxial flexural energy to failure (ball drop), \$73.00

[IEC 61747-40-4 Ed. 1.0 en:2015](#), Liquid crystal display devices - Part 40-4: Mechanical testing of display cover glass for mobile devices - Biaxial flexural strength (ring-on-ring), \$121.00

FUSES (TC 32)

[IEC 60691 Ed. 3.2 b:2010](#), Thermal-links - Requirements and application guide, \$363.00

[IEC 60691 Amd.1 Ed. 3.0 b:2015](#), Amendment 1 - Thermal-links - Requirements and application guide, \$61.00

[IEC 60691 Amd.2 Ed. 3.0 b:2015](#), Amendment 2 - Thermal-links - Requirements and application guide, \$17.00

[IEC 60127-3 Ed. 3.0 b:2015](#), Miniature fuses - Part 3: Sub-miniature fuse-links, \$206.00

MARITIME NAVIGATION AND RADIOCOMMUNICATION EQUIPMENT AND SYSTEMS (TC 80)

[IEC 62320-1 Ed. 2.0 en:2015](#), Maritime navigation and radiocommunication equipment and systems - Automatic identification system (AIS) - Part 1: AIS Base Stations - Minimum operational and performance requirements, methods of testing and required test results, \$387.00

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

[IEC 62110 Ed. 1.0 b cor.1:2015](#), Corrigendum 1 - Electric and magnetic field levels generated by AC power systems - Measurement procedures with regard to public exposure, \$0.00

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

[IEC 62841-2-9 Ed. 1.0 b:2015](#), Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-9: Particular requirements for hand-held tappers and threaders, \$121.00

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)

[IEC 60335-2-111 Ed. 1.0 b:2015](#), Household and similar electrical appliances - Safety - Part 2-111: Particular requirements for electric ondol mattress with a non-flexible heated part, \$97.00

SECONDARY CELLS AND BATTERIES (TC 21)

[IEC 62485-4 Ed. 1.0 b:2015](#), Safety requirements for secondary batteries and battery installations - Part 4: Valve-regulated lead-acid batteries for use in portable appliances, \$61.00

IEC Technical Reports

LASER EQUIPMENT (TC 76)

[IEC/TR 62471-3 Ed. 1.0 en:2015](#), Photobiological safety of lamps and lamp systems - Part 3: Guidelines for the safe use of intense pulsed light source equipment on humans, \$206.00

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 issued 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 report proposed technical regulations that may significantly affect trade to the WTO Secretariat in Geneva, Switzerland. In turn, the Secretariat disseminates the information to all WTO Members. The purpose of this requirement is to provide global trading partners with an opportunity to review and comment on the regulations before they become final.

The National Center for Standards and Certification Information (NCSCI) at the National Institute of Standards and Technology

(NIST), distributes these proposed foreign technical regulations to U.S. stakeholders via an online service, Notify U.S. Notify U.S. is an e-mail and Web service that allows interested U.S. parties to register, obtain notifications, and read full texts of regulations from countries and for industry sectors of interest to them. To register for Notify U.S., please go to Internet URL: <http://www.nist.gov/notifyus/> and click on "Subscribe".

NCSCI is the WTO TBT Inquiry Point for the U.S. and receives all notifications and full texts of regulations to disseminate to U.S. Industry. For further information, please contact: NCSCI, NIST, 100 Bureau Drive, Gaithersburg, MD 20899-2160; Telephone: (301) 975-4040; Fax: (301) 926-1559; E-mail: ncsci@nist.gov or notifyus@nist.gov.

Information Concerning

American National Standards

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 its oversight of programs of its 40+ Technical Committees. Additionally, the INCITS Executive Board exercises international leadership in its role as the US Technical Advisory Group (TAG) to ISO/IEC JTC 1, Information Technology.

The INCITS Executive Board has eleven membership categories that can be viewed at <http://www.incits.org/participation/membership-info>. Membership in all categories is always welcome. INCITS also seeks to broaden its membership base and looks to recruit new participants in the following under-represented membership categories:

- **Producer – Hardware**

This category primarily produces hardware products for the ITC marketplace.

- **Producer – Software**

This category primarily produces software products for the ITC marketplace.

- **Distributor**

This category is for distributors, resellers or retailers of conformant products in the ITC industry.

- **User**

This category includes entities that primarily rely on standards in the use of a products/service, as opposed to producing or distributing conformant products/services.

- **Consultants**

This category is for organizations whose principal activity is in providing consulting services to other organizations.

- **Standards Development Organizations and Consortia**

- o "Minor" an SDO or Consortia that (a) holds no TAG assignments; or (b) holds no SC TAG assignments, but does hold one or more Work Group (WG) or other subsidiary TAG assignments.

- **Academic Institution**

This category is for organizations that include educational institutions, higher education schools or research programs.

- **Other**

This category includes all organizations who do not meet the criteria defined in one of the other interest categories.

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, please contact Jennifer Garner at 202-626-5737 or jgarner@itic.org. Visit www.INCITS.org for more information regarding INCITS activities.

Calls for Members

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.

Tentative Interim Amendments

ANSI/IAPMO UPC-1-2012, Uniform Plumbing Code

Comment Deadline: January 27, 2015

The following Tentative Interim Amendment to the Uniform Plumbing Code, ANSI/IAPMO UPC 1-2012, is available for public review:

UPC 005-12, revises Section 1602.2.3

Copies may be obtained from the Code Development Department, IAPMO, 4755 E. Philadelphia Street, Ontario, CA 91761-2816; E-mail: codechange@iapmo.org; Phone: 909-472-4110; Fax: 909-472-4246.

International Organization for Standardization (ISO)

Call for U.S.TAG Participants

U.S. TAG to ISO/TC 131/SC 1 – Terminology, Classification and Symbols

Please be advised that the National Fluid Power Association (NFPA) has committed to administering the new US/TAG to ISO/TC 131/SC 1, Terminology, classification and symbols, which was recently reactivated. The secretariat has been assigned to Germany (DIN).

Organizations interested in participating on the US/TAG should contact ANSI's ISO Team at isot@ansi.org.

U.S. National Committee of the IEC

USNC Needs Representative to join IEC SMB ahG 55: Needs of the Telecommunications Sector in the IEC

Regarding SMB Decision 151/5, the USNC has been invited to send the name and contact details of a proposed expert to the SMB Secretariat to participate in a new Ad Hoc Group on the needs of the telecommunications sector in IEC.

SMB Decision 151/5 – ACTEL report

The SMB agreed to set up ahG 55 Needs of the telecommunications sector in IEC. The ahG should examine the needs of this sector and determine if the vehicle of a Systems Evaluation Group on ICT would be appropriate versus the alternatives including other structures.

The ahG could also outline the mission and deliverables of such a group including potential tasks such as mapping of the IEC activities, overall market needs and interfaces to groups and organizations outside the IEC.

The ahG should also address the background and qualifications needed for individuals who would populate any new Systems Evaluation Group or alternative group. The ahG should work to develop and present a proposed path forward to SMB meeting

If you are interested in joining this TAG please contact Tony Zertuche, USNC Deputy General Secretary, Tel: 212 642 4892, E-Mail: tzertuche@ansi.org .

U.S. Technical Advisory Groups

Transfer of U.S. TAG Administrator

U.S. TAG to ISO TC 260 – Human Resource Management

Comment Deadline: February 23, 2015

The U.S. Technical Advisory Group (TAG) to ISO TC 260, Human resource management has voted to approve the transfer of TAG Administrator responsibilities from the Society of Human Resource Management (SHRM) to the University of Texas Medical Branch (UTMB). The TAG will continue to operate under the Model Operating Procedures for U.S. TAGs to ANSI for ISO Activities as contained in Annex A of the ANSI International Procedures. Please submit any comments on this action by February 23, 2015 to: Ms. Amanda Benedict Green, MA, SHRM-SCP, AStd., Manager, HR Standards, Society for Human Resource Management, 1800 Duke Street, Alexandria, VA 22314; phone: 703.535.6458; e-mail; Amanda.Green@shrm.org (please copy jthomps@ansi.org).

Meeting Notices

AHRI Standards

Development of AHRI Draft Standard 1310P, Wind Load Design of HVACR Equipment for Unit Integrity

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on February 11 from 2 p.m. to 4 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Danny Abbate at dabbate@ahrinet.org.

Revision of AHRI Standard 640, Performance Rating of Commercial and Industrial Humidifiers

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on February 20 from 1 p.m. to 3 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Mary Opalka at mopalka@ahrinet.org.

Note to Reviewers: This addendum makes proposed changes to the currently proposed standard. These changes are indicated in the text by **RED TEXT** (for additions) and strikethrough (for deletions). Only these changes to the current standard are open for review and comment at this time.

I.3.4.2. ~~Free fall – The distance of a fall before any deceleration force is applied.~~ **Freefall Limitation: The potential freefall shall be limited to no more than 2'0" (610 mm).**

BSR/UL 201, Standard for Safety for Garage Equipment

ANSI approval of the Proposed Third Edition of the Standard for Garage Equipment, UL 201;
Recirculation of 61.4.2.

61.4.2 A cabinet shall not tip over when ~~the~~ a force indicated in Table 61.1 ~~of 800 N (180 lbf)~~ is applied in any direction, except upward, at any point on a cabinet including the highest point not exceeding 1 meter (3 feet) from the floor. Doors, drawers, and the like are placed in their most unfavorable position, consistent with the manufacturer's instruction manual.

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BSR/UL 583, Standard for Safety for Electric-Battery-Powered Industrial Trucks

1. Addition of the 12mm flame test and the removal of Supplement SA

PROPOSAL

8.11 The Standard for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances, UL 94, and the Standard for Polymeric Materials - Use in Electrical Equipment Evaluations, UL 746C does not apply to materials used in small parts such as control knobs, buttons, insulating bushings, resilient mounts, clamps, hydraulic hoses, water hoses, and pulley belts.

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BSR/UL 588, Standard for Safety for Seasonal and Holiday Decorative Products

1. Permit minimum 25 AWG conductor being used in series connected string

13.2.4 The wire employed in a series-connected seasonal product shall be a minimum 22 AWG (0.32 mm²) Type CXTW twisted conductor or 22 AWG (0.32 mm²) Type XTW, with a minimum insulation temperature of 105°C (221°F). Type CXTW and XTW wire are suitable for both indoor and outdoor use.

Exception No. 1: A decorative outfit is able to employ single-conductor Type CXTW wire as indicated in 31.8 provided that the lampholders or the wire or both are secured to and supported by a rigid frame.

Exception No. 2: When a net lighting string employs single conductor Type CXTW flexible cord, it shall be a minimum 18 AWG (0.82 mm²).

Exception No. 3: When a series-connected seasonal product employs a polarized line and load fitting, it shall employ a minimum 20 AWG (0.52 mm²) Type CXTW twisted conductor wire or 20 AWG (0.52 mm²) XTW wire.

Exception No. 4: Single conductor CXTW wire is permitted to be employed if the wire is twisted with a non-current carrying polymeric supporting rope which is rated for at least 105°C and:

- a) Complies with 81A.1 when the support rope has a minimum diameter equivalent to the CXTW wire, or*
- b) Complies with 81A.2 when the diameter of support rope is less than that of the CXTW wire. When the seasonal product is for outdoor-use, then the non-current carrying polymeric rope shall also comply with the requirements in 89.2.*

Exception No. 5: A lighting string that complies with 81A.2 is permitted to be provided with a single CXTW conductor with integral parallel construction.

Exception No. 6: The conductor between lampholders in a series connected string is permitted to be a minimum 25 AWG provided:

- a) It meets the applicable requirements for CXTW with the exception of size,*
- b) The maximum length does not exceed 20 inches,*
- c) It is used in a circuit where the maximum current does not exceed 300 mA,*
- d) Complies with the breaking strength requirements described in Section 81A, Rope Strength Test.*

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

1. Revisions for *Clarification of Cylindrical and Straight Joints in Section SA6*

PROPOSAL

SA6 Straight (Flat or Cylindrical), and Rabbet Joints with flamepaths: Class I, Groups A, B, C, and D

SA6.1 The minimum joint width and maximum joint clearance of straight (flat or cylindrical) or rabbet joints shall be in accordance with Tables SA6.4 1 - SA6.8, as applicable for the Class, Group, and joint type. For Tables SA6.1 - SA6.4, the Shaft Joint requirements shall apply to cylindrical joints.

Table SA6.1

Minimum width of joint and maximum clearance for Group A enclosures

(English units)

Width of joint, L	Maximum clearance inch for free internal volume of enclosure inch ³				
	V ≤ 6	6 < V ≤ 30	30 < V ≤ 100	100 < V ≤ 350	V > 350
inch					
Straight joints					
0.25 ≤ L < 0.375	0.0015 ^b	a	a	a	a
0.375 ≤ L	0.002	0.001	a	a	a
Rabbet joints^c					
0.375 ≤ L < 0.500	0.002	0.002	0.002	0.002	0.002
0.500 ≤ L < 1.0	0.003	0.003	0.003	0.003	0.003
1.0 ≤ L	0.003	0.003	0.003	0.003	0.003
Shaft joints^c					
0.25 ≤ L < 0.375	0.002	a	a	a	a
0.375 ≤ L < 0.500	0.002	0.002	a	a	a
0.500 ≤ L < 1.0	0.003	0.002	0.002	a	a
1.0 ≤ L < 1.25	0.003 ₃	0.0033	0.0033	0.0033	0.0033
1.25 ≤ L	0.0045	0.0045	0.0045	0.0045	0.0045
Shafts with sleeve bearings^c					
0.5 ≤ L < 1.0	0.003	a	a	a	a
1.0 ≤ L	0.003 ₃	0.003 ₃	0.003 ₃	0.0033	0.0033

Shafts with ball / roller bearings ^c					
0.5 £ L < 1.0	0.006	a	a	a	a
1.0 £ L	0.006	0.005	0.005	0.003	0.003
^a Construction does not meet the intent of the requirement.					
^b Minimum of Group B joint width plus test factor.					
^c For rabbet joints and for shaft joints, the maximum gap is the diametrical clearance.					

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BSR/UL 1651, Standard for Safety Optical Fiber Cable

1. Addition of "-LS" Cable Designation

15.1 The following information shall appear at the intervals indicated in 13.1 throughout the entire length of the finished cable. Except for (a), the sequence of items is not specified. Other information, where added, shall not confuse or mislead and shall not conflict with these requirements. See 18.1 for date marking.

- a) CABLE TYPE-LETTER DESIGNATION - Use of the word "Type" is not required:

"Type OFNP" and "Type OFCP" for cables that comply with the requirements in this Standard as well as complying with 7.1 and 1.2(a) as to flame propagation and smoke density in the National Fire Protection Association Standard Method of Test for Flame Travel and Smoke of Wires and Cables for Use in Air-Handling Spaces, ANSI/NFPA 262 (plenum flame test).

"Type OFNR" and "Type OFCR" for cables that comply with the requirements in this Standard as well as complying with 8.1, 8.2, and 1.2(b) as to flame-propagation characteristics in the Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts, UL 1666 (near flame test).

"Type OFNG" and "Type OFCG" for cables that comply with the requirements in this Standard as well as complying with 1.2(c) and 9.3.1 as to cable damage in the FT4/IEEE 1202 Type of Flame Exposure (smoke measurements are not applicable) in the Standard for Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables, UL 1685. These cables may be marked "FT4/IEEE 1202" or "FT4"; where used, this marking is to be spaced from the other cable markings required in this paragraph.

"Type OFN" and "Type OFC" for cables that comply with the requirements in this Standard as well as complying with 1.2(c) and 9.2.1 or 9.3.1 with regard to cable damage in the UL Flame Exposure or FT4/IEEE 1202 Type of Flame Exposure (smoke measurements are not applicable) in the Standard for Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables, UL 1685. Where the vertical-tray flame test with which the cable complies consists of the FT4/IEEE 1202 Type of Flame Exposure, the cable may be marked "FT4/IEEE 1202" or "FT4"; where used, this marking is to be spaced from the other cable markings required in this paragraph.

- b) RESPONSIBLE ORGANIZATION - The name of the cable manufacturer, that manufacturer's trade name for the cable, or both, or any other appropriate distinctive marking by means of which the organization responsible for the cable is readily identifiable. Where the organization responsible for the cable is different from the actual manufacturer, both the responsible organization and the actual manufacturer shall be identified by name or by appropriate coding such as trade name, trademark, or the assigned electrical reference number. It is appropriate to identify the actual manufacturer by the assigned colored marker thread or combination of colored marker threads; however, unless it or they supplement ink printing as stated in 15.3 and 15.4, colored marker thread(s) shall not be used to identify the responsible organization. The meaning of any coded identification shall be made available by the organization responsible for

the cable. It is appropriate also to identify a private labeler; the means is not specified. See 15.2 and 15.4.

c) The designation "Limited Combustible" for Type OFNP or OFCP plenum cable that complies with the requirements in 12.1. This marking is not required.

d) The designation "sun res" or "sunlight resistant" for cable that complies with the sunlight resistance test referenced in 10.1.

e) For OFN, OFC, OFNG and OFCG cables, the designation "-LS" (signifying "limited smoke") for cables that comply with the fire and smoke requirements in the Standard for Vertical-Tray Fire-Propagation and Smoke-Release Test for Electrical and Optical-Fiber Cables, UL 1685. This marking is not required.

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BSR/UL 1703, Standard for Safety for Flat-Plate Photovoltaic Modules and Panels

1. Additional Appendix with Retest Guidelines for Informational Purposes.

B.1 This appendix contains a list of suggested retests for changes to flat-plate PV module designs that were tested in accordance with UL 1703 prior to the change. The retest categories are based on consensus work in the Standards Technical Panel, STP 1703. Development of the guidelines has a basis in the IEC 61730 retest guidelines, related test protocol of UL 1703, and experience in the industry. In general, these guidelines provide the basis for applying retests. However, each retest scenario should be addressed on a case-by-case basis, specific to the PV module design under investigation.

a) Change in cell technology

For modifications such as:

- Metallization materials and/or process (such as modifications that reduce the energy transfer between the cell and the module circuit),
- Type of diffusion and process changes,
- Change in QC documents or requirements.
- Addition, subtraction, order, or placement of semiconductor layer materials,
- Change of manufacturing site of the solar cells not under the same QA system,
- Use of cells from a different manufacturer,
- Major reduction in cell thickness (greater than 25%), and
- Increase in cell area >25%.

Repeat:

Hot-Spot Endurance, Section 39.

Reverse Current Overload, Section 28.

- Temperature, Section 19.
- Voltage, Current and Power Measurement, Section 20.

h) Change in cell interconnect materials or technique

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For modifications such as:

- Different¹ interconnect material including coating,
- Different thickness of interconnect material, more than 10% change,
- Different interconnect bonding technique,
- Different¹ adhesive - different number of interconnects per cell,
- Different number of solder bonds per interconnect ribbon, and
- Different¹ solder material or flux.

Repeat:

- Hot-Spot Endurance, Section 39.
- Reverse Current Overload, Section 28.
- Temperature Cycling, Section 35, with circuit monitoring.
- Humidity, Section 36, for change in solder material or flux, interconnect material including coating, or change in adhesive.
- If the number of interconnects per cell is increased, only perform Hot-Spot Endurance, Section 39.

The other parts of the paragraph, (b) - (g) and (i) - (q), will remain unchanged.

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BSR/UL 1839, Standard for Automotive Battery Booster Cables

1. Proposed revision to paragraph 3.1 to clarify the requirements for conductor materials

PROPOSAL

3.1 Conductors shall be of copper per the Standard Specification for Soft or Annealed Copper Wire, ASTM B3; or the Standard Specification for Soft or Annealed Copper Wire for Electrical Purposes, ASTM B33; or copper clad aluminum per the Standard Specification for Copper-Clad Aluminum Wire, ASTM B566. The conductors shall comply with the specifications in Table 3.1 and the applicable tests for cables in Section 4.

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BSR/UL 2034, Standard for Safety for Single and Multiple Station Carbon Monoxide Alarms, UL 2034

PROPOSAL

The following topic for the Standard for Single and Multiple Station Carbon Monoxide Alarms, UL 2034, is being recirculated:

7. Normal Operation Test - Visual Display

36.8 Any indicator of CO concentration shall be accurate to within plus or minus 30% of the indicated amount and display the gas concentration for all Sensitivity tests specified in Table 39.1 and pre/post Sensitivity tests within this standard. No indication shall be given for CO concentrations less than 30 ppm. The indicator shall comply with the in-service reliability requirements of 78.1.2. Testing of this shall be performed at 70, 150, and 400 ppm and the test data shall be part of the in-service reliability measurement program. For the purposes of these requirements, an indicator of CO concentration shall be either an integral component of a CO alarm or a remote indication provided at an external device, such as a remote receiver or a mobile device, i.e. smart phone.

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