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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: June 3, 2012

LIA (ASC Z136) (Laser Institute of America)

New Standards

BSR Z136.2-201x, Standard for Safe Use of Optical Fiber Communication Systems Utilizing Laser Diode and LED Sources (new standard)

This standard addresses the hazards of and provides guidance for the safe use, maintenance, service, and installation (manufacture) of optical communications systems (OCS) utilizing laser diodes or light-emitting diodes (LED) operating at wavelengths between 600 nm and 1 mm, and not intended for visual communications. For purposes of the standard, optical communication systems include end-to-end optical fiber based links (optical fiber communications systems - OFCS), fixed terrestrial point-to-point free-space links (free space optical communications systems - FSOCS), or a combination of both.

[Click here to see these changes in full at the end of Standards Action](#)

Send comments (with copy to psa@ansi.org) to: Barbara Sams, LIA (ASC Z136); bsams@lia.org

NSF (NSF International)

Revisions

BSR/NSF 60-201x (i48), Drinking Water Treatment Chemicals - Health Effects (revision of ANSI/NSF 60-2012)

The proposed ballot revises ANSI/NSF 60, Table 6.2, Maximum Use Level (MUL) of hydrogen peroxide from 3 mg/L to 23 mg/L, and removes the chlorination footnote.

[Click here to see these changes in full at the end of Standards Action](#)

Send comments (with copy to psa@ansi.org) to: Monica Leslie, (734) 827-5643, mleslie@nsf.org

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 94-201x, Standard for Safety Tests for Flammability of Plastic Materials for Parts in Devices (revision of ANSI/UL 94-2012)

The following changes in requirements in UL 94 are being proposed:

- (1) Specific reference to ASTM E162-08 (Radiant Panel).

[Click here to see these changes in full at the end of Standards Action](#)

Send comments (with copy to psa@ansi.org) to: Raymond Suga, (631) 546-2593, raymond.m.suga@ul.com

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 96-201X, Standard for Safety for Lightning Protection Components (revision of ANSI/UL 96-2010)

Covers:

- (1) Revisions to Section 6, Air Terminals.

[Click here to see these changes in full at the end of Standards Action](#)

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

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 174-201X, Standard for Safety for Household Electric Storage Tank Water Heaters (Proposal document dated 05-04-12) (revision of ANSI/UL 174-2011)

Proposal topic includes:

- Addition of new Supplement B to document the safety requirements for smart enabled household electric storage tank water heaters.

[Click here to see these changes in full at the end of Standards Action](#)

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

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 514B-201X, Standard for Safety for Conduit, Tubing, and Cable Fittings (revision of ANSI/UL 514B-2009)

- (1) Proposed Sixth Edition: Modifications to clauses 7.18.2 and 8.33.1.1 after consideration of comments;

- (2) Proposed changes to clause 8.3.1 to specify smaller range of sheet metal thicknesses for snap-in type fittings.

[Click here to see these changes in full at the end of Standards Action](#)

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

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 1004-7-201x, Standard for Safety for Electronically Protected Motors (Proposal dated 5-4-12) (revision of ANSI/UL 1004-7-2010a)

Proposed addition of the Running Heating Endurance Test.

[Click here to see these changes in full at the end of Standards Action](#)

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

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 1310-201x, Standard for Safety for Class 2 Power Units (Proposal dated 5-4-12) (revision of ANSI/UL 1310-2012)

Revisions are proposed for the requirements concerning signal words in Cautionary and Warning Markings.

[Click here to see these changes in full at the end of Standards Action](#)

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

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

BSR/UL 1666-201X, Standard for Safety for Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts (revision of ANSI/UL 1666-2007 (R2011))

Covers:

(1) Revision to Scope.

[Click here to see these changes in full at the end of Standards Action](#)

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

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

BSR/UL 2442-201X, Standard for Safety for Wall- and Ceiling-Mounts and Accessories (revision of ANSI/UL 2442-2011)

Covers:

(1) Proposed deletion of 62.13 which requires the cycling test to be conducted prior to the Mounting Securement Test.

[Click here to see these changes in full at the end of Standards Action](#)

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

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

BSR/UL 2575-201x, Lithium Ion Battery Systems for Use in Electric Power Tool and Motor Operated, Heated and Lighting Appliances (revision of ANSI/UL 2575-2011)

Covers:

(1) Proposal to correct standard title reference error in 29.3.

[Click here to see these changes in full at the end of Standards Action](#)

Send comments (with copy to psa@ansi.org) to: Megan VanHeirseele, (847) 664-2881, Megan.M.VanHeirseele@ul.com

Comment Deadline: June 18, 2012**AAMI (Association for the Advancement of Medical Instrumentation)****Addenda**

BSR/AAMI/ISO 13408-6-2005/A1-201x, Aseptic processing of health care products - Part 6: Isolator systems - Amendment 1 (addenda to ANSI/AAMI/ISO 13408-6-2005)

This amendment updates references, deletes definitions, introduces new requirements, modifies some informative notes, and updates the Bibliography.

Single copy price: Free

Obtain an electronic copy from: www.aami.org

Order from: AAMI Publications (phone: 1-800-249-8226/fax 1-301-206-9789)

Send comments (with copy to psa@ansi.org) to: Jennifer Moyer, (703) 253-8274, jmoyer@aami.org

ABYC (American Boat and Yacht Council)**New Standards**

BSR/ABYC H-29-201x, Canoes and Kayaks (new standard)

This standard is a guide for determining capacities, flotation, powering, design, construction, and labeling of canoes and kayaks.

Single copy price: \$50.00

Obtain an electronic copy from: www.abycinc.org

Order from: www.abycinc.org

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

ABYC (American Boat and Yacht Council)**New Standards**

BSR/ABYC H-37-201x, Jet Boats - Light Weight (new standard)

This standard is a guide for the design, construction, and maintenance of inboard water jet-propelled boats.

Single copy price: \$50.00

Obtain an electronic copy from: www.abycinc.org

Order from: www.abycinc.org

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

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

BSR/ASHRAE/IES Standard 100-201x, Energy Efficiency in Existing Buildings (revision and redesignation of ANSI/ASHRAE/IESNA Standard 100-2006)

This revision of Standard 100-2006 provides greater guidance and a more comprehensive approach to the retrofit of existing buildings for increased energy efficiency. It provides requirements for the retrofit of existing buildings and addresses major and minor modifications for both residential and commercial buildings and single- and multiple-activity buildings with variable occupancy periods (one shift, two shift, three shift) and it identifies the approach for 53 building types (per CBECS and RECS) in 16 climate zones. It identifies requirements for buildings with energy targets and for buildings without energy targets and provides multiple levels of compliance.

Single copy price: \$35.00

Obtain an electronic copy from: Free download at <http://www.ashrae.org/standards-research--technology/public-review-drafts>

Order from: standards.section@ashrae.org

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

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

Addenda

BSR/ASHRAE Addendum 55f-201x, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2010)

This proposed addendum strips informative language from the body of the Standard and moves it to a new informative appendix. It includes some minor changes to requirements and states the requirements more clearly in normative language. In some cases, section numbering has been added or changed for greater clarity. The proposed changes focus primarily on Section 5.2.4, Local Thermal Discomfort, and Section 5.2.5, Temperature Variation with Time.

Single copy price: \$35.00

Obtain an electronic copy from: Free download at <http://www.ashrae.org/standards-research--technology/public-review-drafts>

Order from: standards.section@ashrae.org

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

ASME (American Society of Mechanical Engineers)

Revisions

BSR/ASME BPVC Section I-201x, Rules for Construction of Power Boilers (revision of ANSI/ASME BPVC Section I-2010)

This Code covers rules for construction of power boilers, electric boilers, miniature boilers, high-temperature water boilers, heat-recovery steam generators, and certain fired pressure vessels to be used in stationary service and include those power boilers used in locomotive, portable, and traction service. The rules are applicable to boilers in which steam or other vapor is generated at a pressures of more than 15 psig (100 kPa) for use external to itself, and high temperature water boilers intended for operation at pressures exceeding 160 psig (1.1 MPa) and/or temperatures exceeding 250 degree F (120 degree C).

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: Umberto D'Urso, (212) 591-8535, dursou@asme.org

AWS (American Welding Society)

Revisions

BSR/AWS D9.1M/D9.1-201x, Sheet Metal Welding Code (revision of ANSI/AWS D9.1M/D9.1-2006)

This code covers the arc and braze welding requirements for nonstructural sheet metal fabrications using the commonly welded metals available in sheet form. Requirements and limitations governing procedure and performance qualification are presented, and workmanship and inspection standards are supplied. The informative annexes provide useful information on materials and processes.

Single copy price: \$43.00

Obtain an electronic copy from: roneill@aws.org

Order from: Rosalinda O'Neill, (305) 443-9353, roneill@aws.org

Send comments (with copy to psa@ansi.org) to: Andrew Davis, (305) 443-9353, Ext. 466, adavis@aws.org; roneill@aws.org

AWS (American Welding Society)

Revisions

BSR/AWS D17.2/D17.2M-201x, Specification for Resistance Welding for Aerospace Applications (revision of ANSI/AWS D17.2/D17.2M-2007)

This specification provides the general resistance welding requirements for aerospace hardware. It includes, but is not limited to, resistance spot and resistance seam welding of aluminum, magnesium, iron, nickel, cobalt, and titanium-based alloys. There are requirements for machine and procedure qualification, production witness samples, and inspection and acceptance criteria for aerospace hardware.

Single copy price: \$31.00

Obtain an electronic copy from: roneill@aws.org

Order from: Rosalinda O'Neill, (305) 443-9353, roneill@aws.org

Send comments (with copy to psa@ansi.org) to: Andrew Davis, (305) 443-9353, Ext. 466, adavis@aws.org; roneill@aws.org

EOS/ESD (ESD Association, Inc.)

Reaffirmations

BSR/ESD STM11.31-1994 (R201x), ESD Association Standard Test Method for Evaluating the Performance of Electrostatic Discharge Shielding Materials - Bags (reaffirmation of ANSI/ESD STM11.31-1994 (R2007))

This test method evaluates the performance of electrostatic discharge shielding bags. The design voltage for the test apparatus is 1000 volts.

Single copy price: Hardcopy: \$105.00 (List)/\$75.00 (ESD Members); Softcopy: \$130.00 (List)/\$100.00 (ESD Members)

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

IIAR (International Institute of Ammonia Refrigeration)

New Standards

BSR/IIAR 5-201x, Start-Up and Commissioning of Closed-Circuit Ammonia Mechanical Refrigerating Systems (new standard)

This standard specifies the minimum requirements for the start-up and commissioning of ammonia mechanical refrigeration systems.

Single copy price: \$20.00 (IIAR members); \$40.00 (nonmembers); free during public review

Obtain an electronic copy from: eric.smith@iiar.org

Order from: Eric Smith, (703) 312-4200, eric.smith@iiar.org

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

ISA (ISA)**Reaffirmations**

BSR/ISA 77.44.01-2007 (R201x), Fossil Fuel Power Plant - Steam Temperature Controls (reaffirmation of ANSI/ISA 77.44.01-2007)

The scope of this standard addresses the major steam temperature control subsystems in boilers with steaming capacities of 200,000 lb/hr (25 kg/s) or greater. These subsystems include, but are not limited to, superheat temperature control and reheat temperature control.

Specifically excluded from consideration are controls associated with fluidized-bed, stoker-fired furnace combustion units and mud drum desuperheaters.

Single copy price: \$60.00

Obtain an electronic copy from: efussell@isa.org

Order from: Ellen Fussell Policastro, (919) 990-9227, efussell@isa.org

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

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

BSR INCITS 500-201x, Information technology - Database Language SQL - Row Pattern Recognition (SQL/RPR) (new standard)

This proposed standard specifies the syntax and semantics of database language facilities that support row pattern matching using regular expressions. The database language facilities that support row pattern recognition include:

- A subset of regular expression syntax;
- Row pattern variables that span subsequences of rows, defined using conditions on individual rows and on aggregates of rows; and
- A major new syntax element, the MATCH_RECOGNIZE clause, that can be applied to table expressions and can be used in definitions of windows.

Single copy price: \$30.00

Obtain an electronic copy from: <http://www.incits.org> or <http://webstore.ansi.org>

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

Send comments (with copy to psa@ansi.org) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

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

INCITS/ISO/IEC 29102:2011, Information technology - Office equipment - Method for the determination of ink cartridge photo yield for colour printing with inkjet printers and multi-function devices that contain inkjet printer components (identical national adoption of ISO/IEC 29102:2011)

ISO/IEC 29102:2011 provides a method to determine the ink cartridge photo yield of ink-containing cartridges (i.e., integrated ink cartridges and ink cartridges without integrated print heads) for colour photo printing with colour inkjet printers and multi-function devices that contain inkjet printer components. Ink cartridge yields determined on one printer model, paper, and cartridge configuration are not applicable to another printer model or cartridge configuration, even if the ink jet cartridges used in testing are the same.

Single copy price: \$142.00

Obtain an electronic copy from: <http://www.incits.org> or <http://webstore.ansi.org>

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

Send comments (with copy to psa@ansi.org) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

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

INCITS/ISO/IEC 29103:2011, Information technology - Office equipment - Colour photo test pages for measurement of ink cartridge yield for colour photo printing (identical national adoption of ISO/IEC 29103:2011)

ISO/IEC 29103:2011 defines a set of test images in a common file format, JPEG, that are used in the testing of cartridge yield for printing of photographs. The defined documents are used in ISO/IEC 29102 to determine the photo yield of cartridges in an inkjet-based printing system.

Single copy price: \$60.00

Obtain an electronic copy from: <http://www.incits.org> or <http://webstore.ansi.org>

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

Send comments (with copy to psa@ansi.org) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

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

INCITS/ISO/IEC 19763-1:2007 (R201x), Information technology - Framework for Metamodel interoperability - Part 1: Reference Model (reaffirmation of INCITS/ISO/IEC 19763-1:2007)

ISO/IEC 19763 specifies a metamodel framework for interoperability. ISO/IEC 19763-1:2007 specifies objectives, the basic concept of the metamodel framework, and requirements for development of each part of ISO/IEC 19763.

Single copy price: \$30.00

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

Send comments (with copy to psa@ansi.org) to: Barbara Bennett, (202) 626-5743, bbennett@itic.org

ITSDF (Industrial Truck Standards Development Foundation, Inc.)

Reaffirmations

BSR/ITSDF B56.10-201X, Safety Standard for Manually Propelled High Lift Industrial Trucks (reaffirmation of ANSI/ITSDF B56.10-2006)

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

Single copy price: Free

Obtain an electronic copy from: itsdf@earthlink.net

Order from: Chris Merther, (202) 296-9880, cmerther@earthlink.net

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

NISO (National Information Standards Organization)

New Standards

BSR/NISO Z39.98-201x, Authoring and Interchange Framework for Adaptive XML Publishing Specification (new standard)

This specification details the nature of the Authoring and Interchange Format profiles and how they are created. These profiles use XML markup languages to represent different kinds of information resources (books, periodicals, etc.), with the intent of producing documents suitable for transformation into different universally accessible formats. It uses a modular, extensible architecture to permit the creation of any number of document models, each custom-tailored for a particular kind of information resource. It is intended primarily for agencies interested in creating conformant profiles for new documents types and for processing agent developers.

Single copy price: \$55.00

Obtain an electronic copy from: <http://www.daisy.org/z3998/2012/z3998-2012.html>

Order from: Cynthia Hodgson, (301) 654-2512, hodgsonca@verizon.net

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

TIA (Telecommunications Industry Association)

Addenda

BSR/TIA 41.691-E-1[E]-201x, Wireless Radiotelecommunications Intersystem Operations - Annexes (addenda to ANSI/TIA 41.691-E-201x)

This document is a series of annexes that describes algorithms and parameters for Mobile Application Parts.

Single copy price: \$87.00

Obtain an electronic copy from: IHS

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

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

TIA (Telecommunications Industry Association)

Addenda

BSR/TIA 136-370-D-1 [E]-201x, TDMA Third Generation Wireless Enhanced General Packet-Data Service (EGPRS-136) (addenda to ANSI/TIA 136-370-D-2011)

Creates an enhanced addendum 1 for SP-3-4027.370-RV4 to provide necessary updates to align with 3GPP GERAN standards.

Single copy price: \$108.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: standards@tiaonline.org

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

TIA (Telecommunications Industry Association)

Addenda

BSR/TIA 136-376-D-1 [E]-201x, TDMA Third Generation Wireless Enhanced General Packet-Data Service (EGPRS-136) Mobility Management (MM) (addenda to ANSI/TIA 136-376-D-2011)

Creates an enhanced addendum to SP-3-4027.376-RV4 to support updates to 3GPP GERAN specifications.

Single copy price: \$163.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: standards@tiaonline.org

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

TIA (Telecommunications Industry Association)

Addenda

BSR/TIA 136-377-D-1 [E]-201x, TDMA Third Generation Wireless EGPRS-136 Gs Interface Specifications (addenda to ANSI/TIA 136-377-D-2011)

Creates an enhanced addendum to SP-3-4027.377-RV4 to support updates based on 3GPP GERAN specifications.

Single copy price: \$67.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: standards@tiaonline.org

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

TIA (Telecommunications Industry Association)**Addenda**

BSR/TIA 136-440-D-1 [E]-201x, TDMA Third Generation Wireless Adaptive Multi Rate (AMR) Codec (addenda to ANSI/TIA 136-440-D-2011)

Creates an enhanced addendum for SP-3-4027.440-RV4 to allow for updates based on 3GPP GERAN specifications.

Single copy price: \$221.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: standards@tiaonline.org

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

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

BSR/UL 67-201X, Standard for Safety for Panelboards (Proposal dated 05-04-12) (revision of ANSI/UL 67-2010)

The following changes in requirements are being proposed:

- (1) New supplement for classified surge protection devices (SPDs) for use with specified panelboards;
- (2) New and revised requirements for panelboard for use with interconnected parallel electric power production sources;
- (3) New and revised requirements for inclusion of inlet/outlet requirements for panelboards; and
- (4) New and revised requirements for recreational vehicle panelboards.

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.)**New Standards**

BSR/UL 2127-201X, Standard for Safety for Inert Gas Clean Agent Extinguishing System Units (new standard)

UL proposes a new edition of UL 2127.

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: Nicolette Allen, (919) 549-0973, Nicolette.Allen@ul.com

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

BSR/UL 746B-201x, Standard for Safety for Polymeric Materials - Long Term Property Evaluations (revision of ANSI/UL 746B-2011)

The following changes in requirements to UL 746B, are being proposed:

- (1) Updating LTTA sample requirements in Table 20.3 and Table 20.6 of UL 746B; and
- (2) Clarification on generic ratings for PET, PPO (PPE), and PEI in Table 7.1 of UL 746B.

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: Raymond Suga, (631) 546-2593, raymond.m.suga@ul.com

UL (Underwriters Laboratories, Inc.)**New Standards**

BSR/UL 2166-201X, Standard for Safety for Halocarbon Clean Agent Extinguishing System Units (new standard)

UL proposes a new edition of UL 2166.

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: Nicolette Allen, (919) 549-0973, Nicolette.Allen@ul.com

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

BSR/UL 1468-201X, Standard for Safety for Direct Acting Pressure Reducing and Pressure Restricting Valves (revision of ANSI/UL 1468-2007)

- Removal of redundant wording;
- Clarification of materials;
- Clarification of valve adjustments;
- Correction of terminology;
- Clarification of the One-Year Static Leakage Test;
- Changes to the Strength of Body Test; and
- Change from English and metric units to NPS.

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: Kristin Andrews, (408) 754-6634, Kristin.L.Andrews@ul.com

Comment Deadline: July 3, 2012

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

ASME (American Society of Mechanical Engineers)

Reaffirmations

BSR/ASME A17.7/CSA B44.7-2006 (R201x), Performance Based Safety Code for Elevators and Escalators (reaffirmation of ANSI/ASME A17.7/CSA B44.7-2006)

This Code covers the design, construction, operation, inspection, testing, maintenance, alteration, and repair of the following equipment and its associated parts, rooms, spaces, and hoistways, where located in or adjacent to a building or structure:

- (a) hoisting and lowering mechanisms, equipped with a car, that move between two or more landings. This equipment includes, but is not limited to, elevators;
- (b) power-driven stairways and walkways for carrying persons between landings. This equipment includes, but is not limited to, escalators and moving walks; and
- (c) hoisting and lowering mechanisms, equipped with a car, that serve two or more landings and are restricted to the carrying of material by their limited size or limited access to the car.

This equipment includes, but is not limited to, dumbwaiters and material lifts.

Single copy price: \$145.00

Order from: For Reaffirmations and Withdrawn standards, please view our catalog at <http://www.asme.org/kb/standards>

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

IEEE (Institute of Electrical and Electronics Engineers)

New Standards

BSR/IEEE 802.15.4e-201x, Standard for Local and Metropolitan Area Networks - Part 15.4: Low-Rate Wireless Personal Area Networks (LR-WPANs) - Amendment 1: MAC Sublayer (new standard)

The intention of this amendment is to enhance and add functionality to the 802.15.4 MAC to

- (a) better support the industrial markets; and
- (b) permit compatibility with modifications being proposed within the Chinese WPAN.

Single copy price: \$5.00 (pdf)

Order from: IEEE, phone: +1-800-678-4333; fax:+1-732-981-9667; online: <http://standards.ieee.org/store>

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)

New Standards

BSR/IEEE 802.15.6-201x, Standard for Local and Metropolitan Area Networks - Part 15.6: Wireless Body Area Networks (new standard)

This is a standard for short range, wireless communication in the vicinity of, or inside, a human body (but not limited to humans). It uses existing ISM bands as well as frequency bands approved by national medical and/or regulatory authorities. Support for quality of service, extremely low power, and data rates up to 10 Mbps is required while simultaneously complying with strict non-interference guidelines where needed.

Single copy price: \$5.00 (pdf); \$99.00 (printed)

Order from: IEEE, phone: +1-800-678-4333; fax:+1-732-981-9667; online: <http://standards.ieee.org/store>

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)

New Standards

BSR/IEEE 1591.1-201x, Standard for Testing and Performance of Hardware for Optical Ground Wire (OPGW) (new standard)

This standard covers the construction, mechanical, and electrical performance, test requirements, environmental considerations, and acceptance criteria for qualifying hardware for use with optical ground wire (OPGW).

Single copy price: \$75.00 (pdf); \$90.00 (printed)

Order from: IEEE, phone: +1-800-678-4333; fax:+1-732-981-9667; online: <http://standards.ieee.org/store>

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)

New Standards

BSR/IEEE 1717-201x, Standard for Testing Circuit Integrity Cables Using a Hydrocarbon Pool Fire Test Protocol (new standard)

This standard provides cable and/or system requirements and methods for performing circuit integrity tests on energized low-voltage power, control, and instrumentation cables at temperatures and heat fluxes simulating a hydrocarbon pool fire.

Single copy price: \$65.00 (pdf); \$80.00 (printed)

Order from: IEEE, phone: +1-800-678-4333; fax:+1-732-981-9667; online: <http://standards.ieee.org/store>

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)

New Standards

BSR/IEEE 3007.3-201x, Recommended Practice for Electrical Safety in Industrial and Commercial Power Systems (new standard)

This recommended practice covers all aspects of electrical safety in industrial and commercial power systems. It provides personnel with guidelines for understanding the fundamental concepts of the hazards of electricity along with safety-related activities associated with the operation and maintenance of in-plant electrical power distribution systems.

Single copy price: \$120.00 (pdf); \$150.00 (printed)

Order from: IEEE, phone: +1-800-678-4333; fax:+1-732-981-9667; online: <http://standards.ieee.org/store>

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)

New Standards

BSR/IEEE 26511-201x, Standard for Software and Systems Engineering - Requirements for Managers of User Documentation (new standard)

This International Standard supports the needs of software users for consistent, complete, accurate, and usable documentation. It provides requirements for strategy, planning, performance, and control for documentation managers. It specifies procedures for managing user documentation throughout the software life cycle. It also includes requirements for key documents produced for user documentation management, including documentation plans and documentation management plans.

Single copy price: \$120.00 (pdf); \$150.00 (printed)

Order from: IEEE, phone: +1-800-678-4333; fax:+1-732-981-9667; online: <http://standards.ieee.org/store>

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)

New Standards

BSR/IEEE 26515-201X, Standard for Software and Systems Engineering - Developing User Documentation in an Agile Environment (new standard)

This International Standard supports the interest of technical writers and associated roles responsible for producing user documentation for software and systems developed within an agile environment. This International Standard takes a process standard approach to specify the way in which user documentation can be developed in agile development projects.

Single copy price: \$100.00 (pdf); \$125.00 (printed)

Order from: IEEE, phone: +1-800-678-4333; fax:+1-732-981-9667; online: <http://standards.ieee.org/store>

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)

Revisions

BSR/IEEE 338-201x, Standard for Criteria for the Periodic Surveillance Testing of Nuclear Power Generating Station Safety (revision of ANSI/IEEE 338-2007)

The standard provides criteria for the performance of periodic testing of nuclear power generating station safety systems. The scope of periodic testing consists of functional tests and checks, calibration verification, and time response measurements, as required, to verify that the safety system performs its defined safety function. Post-maintenance and post-modification testing are not covered by this document. This standard amplifies the periodic testing requirements of other nuclear safety-related IEEE standards.

Single copy price: \$115.00 (pdf); \$140.00 (printed)

Order from: IEEE, phone: +1-800-678-4333; fax:+1-732-981-9667; online: <http://standards.ieee.org/store>

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)

Revisions

BSR/IEEE 828-201x, Standard for Configuration Management in Systems and Software Engineering (revision of ANSI/IEEE 828-2005)

This standard establishes the minimum requirements for Configuration Management (CM) in Systems and 13 Software Engineering, without restriction to any form, class, or type. This revision of the standard expands the previous version to explain CM, including identifying and acquiring configuration items, controlling changes, reporting the status of configuration items, as well as software builds and release engineering.

Single copy price: \$120.00 (pdf); \$145.00 (printed)

Order from: IEEE, phone: +1-800-678-4333; fax:+1-732-981-9667; online: <http://standards.ieee.org/store>

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

IEEE (Institute of Electrical and Electronics Engineers)

Addenda

BSR/IEEE 802.15.4f-201x, Standard for Local and Metropolitan Area Networks - Part 15.4: Low Rate Wireless Personal Area Networks (LR-WPANs) - Amendment: Active Radio Frequency Identification (RFID) System Physical Layer (PHY) (addenda to ANSI/IEEE 802.15.4-2006)

This amendment provides two PHYs (MSK and LRP UWB) that can be used in a wide range of applications requiring various combinations of low cost, low energy consumption, multi-year battery life, reliable communications, precision location and reader options. This PHY standard supports the performance and flexibility needed for future mass deployments of highly populated autonomous Active RFID Systems anywhere in the world.

Single copy price: \$5.00 (pdf)

Order from: IEEE, phone: +1-800-678-4333; fax:+1-732-981-9667; online: <http://standards.ieee.org/store>

Send comments (with copy to psa@ansi.org) to: Karen Evangelista, (732) 562-3854, k.evangelista@ieee.org

Projects Withdrawn from Consideration

An accredited standards developer may abandon the processing of a proposed new or revised American National Standard or portion thereof if it has followed its accredited procedures. The following projects have been withdrawn accordingly:

CLSI (Clinical and Laboratory Standards Institute (formerly NCCLS))

BSR/CLSI H1-A6-201x, Tubes and Additives for Venous and Capillary Blood Specimen Collection; Approved Standard - Sixth Edition (revision and redesignation of ANSI/CLSI H1-A5-2003)

CLSI (Clinical and Laboratory Standards Institute (formerly NCCLS))

BSR/CLSI M02-A11-201x, Performance Standards for Antimicrobial Disk Susceptibility Tests; Approved Standard - Eleventh Edition (revision and redesignation of ANSI/CLSI M02-A10-2009)

CLSI (Clinical and Laboratory Standards Institute (formerly NCCLS))

BSR/CLSI M07-A9-201x, Methods for Dilution Antimicrobial Susceptibility Test for Bacteria That Grow Aerobically; Approved Standard - Ninth Edition (revision and redesignation of ANSI/CLSI M07-A8-2009)

CLSI (Clinical and Laboratory Standards Institute (formerly NCCLS))

BSR/CLSI M11-A8-201x, Methods for Antimicrobial Susceptibility Testing of Anaerobic Bacteria; Approved Standard - Eighth Edition (revision and redesignation of ANSI/CLSI M11-A7-2011)

HL7 (Health Level Seven)

BSR/HL7 EHR IM, R1-200x, HL7 EHR Interoperability Model with EHR Data Exchange Criteria, Release 1 (new standard)

HL7 (Health Level Seven)

BSR/HL7 EHR LCM, R1-200x, HL7 EHR Lifecycle Model, Release 1 (new standard)

Technical Reports Registered with ANSI

Technical Reports Registered with ANSI are not consensus documents. Rather, all material contained in Technical Reports Registered with ANSI is informational in nature. Technical reports may include, for example, reports of technical research, tutorials, factual data obtained from a survey carried out among standards developers and/or national bodies, or information on the "state of the art" in relation to standards of national or international bodies on a particular subject.

Immediately following the end of a 30-day announcement period in Standards Action, the Technical Report will be registered by ANSI. Please submit any comments regarding this registration to the organization indicated, with a copy to the PSA Center, American National Standards Institute, 25 West 43rd Street, New York, NY 10036 or E-Mail to psa@ansi.org.

Comment Deadline: June 3, 2012

HL7 (Health Level Seven)

HL7 V3DAM CDSvMR, R1-2012, HL7 Version 3 Domain Analysis Model: Virtual Medical Record for Clinical Decision Support (vMR-CDS), Release 1 (TECHNICAL REPORT) (technical report)

A Virtual Medical Record (vMR) is a data model for representing the data that are analyzed and/or produced by clinical decision support (CDS) engines. The goal of this project is to define HL7 vMR data models capable of supporting scalable, interoperable CDS. The specification undergoing ballot consists of a technology-neutral Domain Analysis Model (DAM) for the vMR that will serve as the foundation of vMRs for specific implementation technologies.

Single copy price: Free to members; \$50.00 for non-members

Order from: Karen Van Hentenryck, (734) 677-7777 Ext 104, Karenvan@HL7.org

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

30 Day Notice of Withdrawal: ANS 5 to 10 years past approval date

In accordance with clause 4.7.1 Periodic Maintenance of American National Standards of the ANSI Essential Requirements, the following American National Standards have not been reaffirmed or revised within the five-year period following approval as an ANS. Thus, they shall be withdrawn at the close of this 30-day public review notice in Standards Action.

ANSI/AHRI Standard 500-2001, Variable Capacity Positive Displacement Refrigerant Compressors and Compressor Units for Air-Conditioning and Heat Pump Applications (formerly ANSI/ARI 500-2001)

ANSI/CLSI H1-A5-2003, Tubes and Additives for Venous Blood Specimen Collection; Approved Standard- Fifth Edition

ANSI/CLSI LIS2-A2-2004, Specification for Transferring Information Between Clinical Laboratory Instruments and Information Systems; Approved Standard - Second Edition

ANSI/CLSI M02-A10-2009, Performance Standards for Antimicrobial Disk Susceptibility Tests; Approved Standard-Tenth Edition

ANSI/CLSI M07-A8-2009, Methods for Dilution Antimicrobial Susceptibility Test for Bacteria That Grow Aerobically; Approved Standard - Eighth Edition

ANSI/CLSI M11-A7-2011, Methods for Antimicrobial Susceptibility Testing of Anaerobic Bacteria; Approved Standard - Seventh Edition

ANSI/NCCLS GP17-A2-2004, Clinical Laboratory Safety; Approved Guideline

Call for Members (ANS Consensus Bodies)

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

AAMI (Association for the Advancement of Medical Instrumentation)

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

Contact: *Jennifer Moyer*

Phone: (703) 253-8274

Fax: (703) 276-0793

E-mail: jmoyer@aami.org

BSR/AAMI/ISO 13408-6-2005/A1-201x, Aseptic processing of health care products - Part 6: Isolator systems - Amendment 1 (addenda to ANSI/AAMI/ISO 13408-6-2005)

ASSE (ASC Z15) (American Society of Safety Engineers)

Office: 1800 East Oakton Street
Des Plaines, IL 60018-2187

Contact: *Timothy Fisher*

Phone: (847) 768-3411

Fax: (847) 296-9221

E-mail: TFisher@ASSE.org

BSR/ASSE Z15.1-201X, Safe Practices for Motor Vehicle Operations (revision of ANSI/ASSE Z15.1-2012)

ASSE (ASC Z359) (American Society of Safety Engineers)

Office: 1800 East Oakton Street
Des Plaines, IL 60018-2187

Contact: *Timothy Fisher*

Phone: (847) 768-3411

Fax: (847) 296-9221

E-mail: TFisher@ASSE.org

BSR/ASSE Z359.14-201X, Safety Requirements for Self-Retracting Devices for Personal Fall Arrest and Rescue Systems (revision of ANSI/ASSE Z359.14-2012)

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

Office: 5001 East Philadelphia Street
Ontario, CA 91761-2816

Contact: *Abraham Murra*

Phone: (909) 472-4106

Fax: (909) 472-4150

E-mail: Abraham.murra@iapmort.org

BSR/IAPMO S1002-201x, Design and Installation of Combination Solar Water and Space Heating Systems (new standard)

BSR/IAPMO S1003-201x, Design and Installation of Solar Space Cooling Systems (new standard)

BSR/IAPMO S1004-201x, Design and Installation of Commercial Solar Water Heating Systems (new standard)

BSR/IAPMO S2001-201x, Design and Installation of Heat Metering Subsystems (new standard)

BSR/IAPMO S3001-201x, Heat Transfer Fluids for Solar Heating Systems (new standard)

IESNA (Illuminating Engineering Society of North America)

Office: 120 Wall Street, 17th Floor
New York, NY 10005-4001

Contact: *Rita Harrold*

Phone: (212) 248-5000 x115

Fax: (212) 248-5017

E-mail: rharrold@ies.org

BSR/IES RP-22-201x, Tunnel Lighting (revision of ANSI/IES RP-22-2011)

BSR/IES RP-28-201x, Lighting and the Visual Environment for Senior Living (revision of ANSI/IESNA RP-28-2007)

BSR/IES RP-29-201x, Lighting for Hospitals and Health Care Facilities (revision of ANSI/IESNA RP-29-2006)

BSR/IESNA RP-27.1-201x, Biological Safety for Lamps and Lamp Systems - General Requirements (revision of ANSI/IESNA RP-27.1-2005)

BSR/IESNA RP-27.3-201x, Photobiological Safety for Lamps - Risk Group Classification and Labeling (revision of ANSI/IESNA RP-27.3-2007)

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

Office: 1101 K Street NW, Suite 610
Washington, DC 20005

Contact: *Barbara Bennett*

Phone: (202) 626-5743

Fax: (202) 638-4922

E-mail: bbennett@itic.org

BSR INCITS 500-201x, Information technology - Database Language SQL - Row Pattern Recognition (SQL/RPR) (new standard)

INCITS/ISO/IEC 19763-1:2007 (R201x), Information technology - Framework for Metamodel interoperability - Part 1: Reference Model (reaffirmation of INCITS/ISO/IEC 19763-1:2007)

INCITS/ISO/IEC 19773-201x, Information technology - Metadata Registries (MDR) modules (identical national adoption of ISO/IEC 19773:2011)

INCITS/ISO/IEC 29102:2011, Information technology - Office equipment - Method for the determination of ink cartridge photo yield for colour printing with inkjet printers and multi-function devices that contain inkjet printer components (identical national adoption of ISO/IEC 29102:2011)

INCITS/ISO/IEC 29103:2011, Information technology - Office equipment - Colour photo test pages for measurement of ink cartridge yield for colour photo printing (identical national adoption of ISO/IEC 29103:2011)

PGMA (Portable Generator Manufacturers Association)

Office: 1300 Sumner Avenue
Cleveland, OH 44115-2851

Contact: *Joseph Harding*

Phone: (216) 241-7333 X3008

Fax: (216) 241-0105

E-mail: jharding@thomasamc.com

BSR/PGMA xx-201x, Safety and Performance of Portable Generators (new standard)

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Norcross, GA 30092

Contact: *Charles Bohanan*

Phone: (770) 209-7276

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 538 om-201x, Roughness of paper and paperboard (Sheffield method) (new standard)

TIA (Telecommunications Industry Association)

Office: 2500 Wilson Blvd., Suite 300
Arlington, VA 22201

Contact: *Stephanie Montgomery*

Phone: (703) 907-7700

Fax: (703) 907-7727

E-mail: smontgomery@tiaonline.org

BSR/TIA 41.691-E-1[E]-201x, Wireless Radiotelecommunications Intersystem Operations - Annexes (addenda to ANSI/TIA 41.691-E-201x)

BSR/TIA 136-370-D-1 [E]-201x, TDMA Third Generation Wireless Enhanced General Packet-Data Service (EGPRS-136) (addenda to ANSI/TIA 136-370-D-2011)

BSR/TIA 136-370-D-1 [E]-201x, TDMA Third Generation Wireless Enhanced General Packet-Data Service (EGPRS-136) (addenda to ANSI/TIA 136-370-D-2011)

BSR/TIA 136-376-D-1 [E]-201x, TDMA Third Generation Wireless Enhanced General Packet-Data Service (EGPRS-136) Mobility Management (MM) (addenda to ANSI/TIA 136-376-D-2011)

BSR/TIA 136-377-D-1 [E]-201x, TDMA Third Generation Wireless EGPRS-136 Gs Interface Specifications (addenda to ANSI/TIA 136-377-D-2011)

BSR/TIA 136-440-D-1 [E]-201x, TDMA Third Generation Wireless Adaptive Multi Rate (AMR) Codec (addenda to ANSI/TIA 136-440-D-2011)

BSR/TIA 571-C-201x, Telecommunications - Telephone Terminal Equipment - Electrical, Thermal, Mechanical Environmental Performance Requirements (revision and redesignation of ANSI/TIA 571-B-2007)

UL (Underwriters Laboratories, Inc.)

Office: 455 East Trimble Road
San Jose, CA 95131-1230

Contact: *Derrick Martin*

Phone: (408) 754-6656

Fax: (408) 754-6656

E-mail: Derrick.L.Martin@ul.com

BSR/UL 203A-201x, Standard for Safety for Sway Brace Devices for Sprinkler System Piping (new standard)

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)

Addenda

ANSI/AWS D17.1/D17.1M-2010-AMD1-2010, Specification for Fusion Welding for Aerospace Application (addenda to ANSI/AWS D17.1/D17.1M-2010): 4/23/2012

CSA (CSA America, Inc.)

Addenda

ANSI/CSA NGV2a-2012, Compressed Natural Gas Vehicle Fuel Containers (addenda to ANSI/CSA NGV2-2007): 4/23/2012

EOS/ESD (ESD Association, Inc.)

Reaffirmations

ANSI/ESD STM4.2-1998 (R2010), ESD Association Standard Test Method for the Protection of Electrostatic Discharge Susceptible Items - ESD Protective Worksurfaces - Charge Dissipation Characteristics (reaffirmation of ANSI/ESD STM4.2-1998 (R2006)): 4/23/2012

HL7 (Health Level Seven)

Revisions

ANSI/HL7 V3 RIM, R4-2012, HL7 Version 3 Standard: Reference Information Model, Release 4 (revision and redesignation of ANSI/HL7 V3 RIM, R3-2011): 4/23/2012

IEEE (Institute of Electrical and Electronics Engineers)

Revisions

ANSI/IEEE 802.1Q-2010, Standard for Local and Metropolitan Area Networks - Media Access Control (MAC) Bridges and Virtual Bridges (revision of ANSI/IEEE 802.1Q-2006): 4/23/2012

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

New Standards

ANSI INCITS 493-2012, Information technology - AT Attachment 8 - ATA/ATAPI Serial Transport (ATA8-AST) (new standard): 4/23/2012

Supplements

ANSI INCITS 476-2011/AM1-2012, Information technology - SAS Protocol Layer (SPL) - Amendment 1 (supplement to ANSI INCITS 476-2011): 4/23/2012

OPEI (Outdoor Power Equipment Institute)

Revisions

* ANSI/OPEI B71.1-2012, Consumer Turf Care Equipment - Pedestrian-Controlled Mowers and Ride-On Mowers - Safety Specifications (revision of ANSI/OPEI B71.1-2003): 4/23/2012

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.

ASC X9 (Accredited Standards Committee X9, Incorporated)

Office: 1212 West Street, Suite 200
Annapolis, MD 21401

Contact: Janet Busch

Fax: (410) 267-0961

E-mail: janet.busch@x9.org

ANSI X9.24 Part 2-2006 (R201x), Symmetric Key Management using asymmetric techniques for distribution of symmetric keys (reaffirmation of ANSI X9.24 Part 2-2006)

Stakeholders: Financial institutions, corporations, industry associations, and vendors from financial institutions.

Project Need: This standard is still in use in the U.S. financial services industry and should be reaffirmed.

This standard covers the management of keying material used for financial services such as point-of-sale (POS) transactions, automated teller machines (ATM) transactions, messages among terminals and financial institutions, and interchange messages.

BSR X9.42-201x, Public key cryptography for financial services industry: Agreement of symmetric keys using discrete logarithm cryptography (revision of ANSI X9.42-2003)

Stakeholders: Financial institutions, corporations, industry associations, and vendors from financial institutions.

Project Need: Current adoption is beyond the five-year review date. Awaiting revisions to ISO standard.

This standard specifies schemes for the agreement of symmetric keys using Diffie-Hellman and MQV algorithms.

BSR X9.59-2006 (R201x), Electronic commerce for the financial services industry: Account-based secure payment objects (reaffirmation of ANSI X9.59-2006)

Stakeholders: Financial institutions, corporations, industry associations, and vendors from financial institutions.

Project Need: This standard is still in use in the U.S. financial services industry and should be reaffirmed.

Describes a model of account based electronic payments. It identifies the roles played by different components of the payment process. The roles are the consumer, who wishes to make a payment, a merchant which provides value, and their respective Financial Institutions, the consumer financial institution and the merchant financial institution. It specifies a collection of electronic payment objects and references digital signature techniques to secure their content.

BSR X9.80-201x, Prime Number Generation, Primality Testing, and Primality Certificates (revision of ANSI X9.80-2005)

Stakeholders: Financial institutions, corporations, industry associations, and vendors from financial institutions.

Project Need: This standard is still in use in the U.S. financial services industry and should be reaffirmed.

This standard defines methods for generating large prime numbers as needed by public key cryptography algorithms. It also provides testing methods for testing candidate primes presented by a third party.

BSR X9.101/ISO 6166-201x, International Securities Identification Number System (ISIN) (revision of ANSI X9.101/ISO 6166-2003)

Stakeholders: Financial institutions, corporations, industry associations, and vendors from financial institutions.

Project Need: Current adoption is beyond the five-year review date. Awaiting revisions to ISO standard.

This Standard provides a uniform structure for international securities identification numbers (ISINs). It is intended for use in any application in the trading and administration of securities and other financial instruments.

BSR X9.100-180 Part 1-2006 (R201x), Specifications for Electronic Exchange of Check and Image Data (Non-domestic) (reaffirmation of ANSI X9.100-180 Part 1-2006)

Stakeholders: Financial institutions, corporations, industry associations, and vendors from financial institutions.

Project Need: This standard is still in use in the U.S. financial services industry and should be reaffirmed.

The purpose of this standard is to provide the financial industry with a format necessary to perform electronic check exchange (ECE), with or without images. The format supports forward presentment, posting, return notification, IRD printing and presentment and returns, as well as existing customer information reporting products. The standard also supports multiple check-clearing alternatives, e.g., bank-to-bank, bank-to-switch.

BSR X9.82 Part 1-2006 (R201x), Random Number Generation - Part 1: Overview and Basic Principles (reaffirmation of ANSI X9.82 Part 1-2006)

Stakeholders: Financial institutions, corporations, industry associations, and vendors from financial institutions.

Project Need: This standard is still in use in the U.S. financial services industry and should be reaffirmed.

This Standard defines techniques for the generation of random numbers that shall be used whenever ASC X9 Standards require the use of random number or bitstring for cryptographic purposes. The Standard consists of four parts:

- Part 1: Overview and Basic Principles;
- Part 2: Entropy Sources;
- Part 3: Deterministic Random Bit Generator Mechanisms; and
- Part 4: Random Bit Generator Construction.

BSR X9.8 Part 1-2003 (R201x), Personal Identification Number PIN Management (reaffirmation of ANSI X9.8 Part 1-2003)

Stakeholders: US Financial retail payment systems.

Project Need: Current adoption is beyond the five-year review date. Awaiting revisions to ISO standard.

Basic principles and techniques that 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.

ASME (American Society of Mechanical Engineers)

Office: 3 Park Avenue, 20th Floor (20N2)
New York, NY 10016

Contact: *Mayra Santiago*

Fax: (212) 591-8501

E-mail: ANSIBox@asme.org

BSR/ASME B18.2.1-2010, Square and Hex Bolts and Screws - Inch (revision of ANSI/ASME B18.2.1-2010)

Stakeholders: Manufacturers and users of square and hex bolts and screws.

Project Need: To correct errors in the current standard.

Covers the dimensional requirements for nine product types of inch-series bolts and screws recognized as American National Standards. Also included are appendices covering gaging procedures, grade markings for bolts and screws, formulas on which dimensional data are based, and a specification to assist in identifying a product as being a screw or a bolt. Where questions arise concerning acceptance of product, the dimensions in the tables shall govern over recalculation by formula. Heavy hex structural bolts, formerly covered in ASME B18.2.1 are now covered in ASME B18.2.6. The inclusion of dimensional data in this Standard is not intended to imply that all of the products described in this standard are stock production sizes. Consumers should consult with suppliers concerning lists of stock production sizes.

ASSE (ASC Z15) (American Society of Safety Engineers)

Office: 1800 East Oakton Street
Des Plaines, IL 60018-2187

Contact: *Timothy Fisher*

Fax: (847) 296-9221

E-mail: TFisher@ASSE.org

BSR/ASSE Z15.1-201X, Safe Practices for Motor Vehicle Operations (revision of ANSI/ASSE Z15.1-2012)

Stakeholders: Safety, Health, and Environmental (SH&E) Professionals working with motor vehicle (operations) related hazards and exposures.

Project Need: Based upon the consensus of the Z15 Committee and insights from the ASSE membership.

This standard sets forth practices for the safe operation of motor vehicles owned or operated by organizations including: Definitions, Management, Leadership and Administration, Operational, Environment, Driver Considerations, Vehicle Considerations, and Incident Reporting and Analysis. These practices are designed for use by those having the responsibility for the administration and operation of motor vehicles as a part of organizational operations.

ASSE (ASC Z359) (American Society of Safety Engineers)

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BSR/ASSE Z359.14-201X, Safety Requirements for Self-Retracting Devices for Personal Fall Arrest and Rescue Systems (revision of ANSI/ASSE Z359.14-2012)

Stakeholders: Safety, Health, and Environmental (SH&E) Professionals working with fall protection/arrest related hazards and exposures.

Project Need: Based upon the consensus of the Z359 Committee and insights from the ASSE membership.

This standard establishes requirements for the performance, design, qualification testing, markings and instructions, inspections, maintenance and storage, and removal from service of self-retracting devices including self-retracting lanyards (SRL's), self-retracting lanyards with integral rescue capability (SRL-R's), and self-retracting lanyards with leading edge capability (SRL-LE's). This standard establishes requirements for SRD's intended for use in personal fall arrest or rescue systems for authorized persons within the capacity range of 130 to 310 pounds (59 to 141 kg).

ASTM (ASTM International)

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West Conshohocken, PA 19428-2959

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BSR/ASTM WK37233-201x, New Specification for Standard for Mining Heap Leach Pile Aeration Pipe (new standard)

Stakeholders: Plastic Piping Systems Industry.

Project Need: 150mm through 450mm Diameter Thermoplastic Pipe used for aeration of mining heap leaching piles. The properties, perforations, perforation protection, and joint requirements are included. This application is relatively new in mining, but use is increasing rapidly.

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK37233.htm>

BSR/ASTM WK37247-201x, New Specification for Blast Chillers (new standard)

Stakeholders: Storage and Dispensing Equipment Industry.

Project Need: This specification covers the material, design, and construction requirements for blast chillers.

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK37247.htm>

BSR/ASTM WK37329-201x, New Test Method for Chemical Resistance of Plastic Pipe and Fittings by Pressure Testing of Piping Systems (new standard)

Stakeholders: Plastic Piping Systems Industry.

Project Need: To develop a new test method to test chemical resistance to internal fluids and chemical compatibility with external chemicals by pressure testing of plastic pipe and fittings.

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK37329.htm>

AWWA (American Water Works Association)

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BSR/AWWA C2GT-201x, Geotextile Backed Cold Applied Tape Coatings for Steel Water Pipe and Fittings (new standard)

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 performance requirements for geotextile-backed tapes, including material, application, inspection, testing, marking, and packaging requirements.

This standard sets the minimum requirements for the protective exterior coating material, application, and testing of cold applied liquid adhesives and geotextile backed prefabricated tapes to be used for underground and underwater steel water pipelines. These coatings may be field or shop applied and may be used as repair material for other coatings when listed within the appropriate standard.

EOS/ESD (ESD Association, Inc.)

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BSR/ESD STM5.5.1-201X, ESD Association Standard Electrostatic Discharge (ESD) Sensitivity Testing - Transmission Line Pulse (TLP) - Component Level (revision of ANSI/ESD STM5.5.1-2008)

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

Project Need: The purpose of the document is to establish a methodology for both testing and reporting information associated with transmission line pulse (TLP) testing.

The scope and focus of this document pertains to TLP testing techniques of semiconductor components.

BSR/ESD STM11.11-1993 (R201x), ESD Association Standard Protection of Electrostatic Discharge Susceptible Items - Surface Resistance Measurement of Static Dissipative Planar Materials (reaffirmation of ANSI/ESD STM11.11-1993 (R2007))

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

Project Need: This standard provides a test method for measuring the surface resistance of planar materials in the static dissipative range.

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

HL7 (Health Level Seven)

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BSR/HL7 Arden V2.9-201x, Health Level Seven Arden Syntax for Medical Logic Systems, Version 2.9 (revision and redesignation of ANSI/HL7 Arden V2.8-2012)

Stakeholders: Health care organizations, electronic health record system vendors, knowledge publishers.

Project Need: The Arden Syntax provides a formalism to represent procedural clinical knowledge in a standard format for use in clinical decision support, thus facilitating knowledge transfer and reuse.

Arden Syntax v2.9 extends v2.8 through the inclusion of new and overloading of extant operators to facilitate fuzzy logic as well as through a more detailed and fine-grained alternative XML representation for the Arden Syntax.

BSR/HL7 V3 OC CAREREC, R1-201x, HL7 Version 3 Standard: Care Provision; Queries Care Record Topic, Release 1 (new standard)

Stakeholders: Clinicians and responsible data managers or care coordinators who want to query a patient, a patient record, or patient record content.

Project Need: The care record allows healthcare professionals or facilities to send part or whole electronic patient care records that contain pertinent information about the treatment and care given to individual patients, or a care plan with future required treatment and care.

This document provides queries to an application that contains summary and record information regarding care actually given while a subject was under the care of a responsible party, e.g., the electronic health record relating to a particular visit; a request for additional information regarding a specific illness. Since its DSTU, the following agreed changes have been incorporated: Use of Datatypes R2; and Update to current RIM. In the query models, no changes were required; however, the topic needs to be consistent with the changes to the Care Record and Care Transfer topics.

BSR/HL7 V3 PC CAREPLAN, R1-201x, HL7 Version 3 Standard: Care Provision; Care Record Topic, Release 1 (new standard)

Stakeholders: Clinicians who want to exchange a care record.

Project Need: The record query allows healthcare professionals or facilities to ask another professional or facility if a care record candidate exists for a specific patient; and then ask if the identified care record is available, or if a specific clinical content specified in a profile is present in the care record of a patient.

This document covers the summary and record extract notifications that are used to communicate the care actually given while a subject was under the care of a responsible party, e.g., the discharge summary created after an acute care hospital visit. Since its DSTU, the following agreed changes have been incorporated:

- Clinical statement;
- Templates;
- Harmonization with Patient Administration;
- Use of Datatypes R2; and
- Update to current RIM.

BSR/HL7 V3 PC CARETRANS, R1-201x, HL7 Version 3 Standard: Care Provision; Care Transfer Topic, Release 1 (new standard)

Stakeholders: Clinicians who want to refer a patient or transfer and wish to communicate electronically.

Project Need: The Care Transfer messages allow health professionals and/or healthcare facilities to send a request to another health professional or health facility to take over responsibility for the treatment and care for a patient.

This document covers the business cycle of requests and promises that are included in negotiations regarding the transfer of responsibility for care, e.g., the transfer of a patient from an acute care hospital to a long-term care facility. Since its DSTU, the following agreed changes have been incorporated:

- Use of clinical statement instead of care statement;
- Use of templates;
- Harmonization with Patient Administration;
- Use of Datatypes R2; and
- Update to current RIM.

BSR/HL7 V3 PCDAM, R1-201x, HL7 Version 3 Standard: Care Provision Domain Information Model, Release 1 (new standard)

Stakeholders: Clinicians using an EHR to send data to partners in care, or to national registries, etc.

Project Need: The DIM allows healthcare professionals and facilities to specify and exchange clinical structures such as care plans, allergy reporting, problem lists, assessment scale structure, and specific content, such as vital signs, specific assessment scales and so on.

This is the normative ballot for the Care Provision D-MIM reflecting several agreed changes over the past 2 years. These changes are:

- Replace care statement with RM_530000 UV supporting clinical statement;
- Use of templates;
- All accepted changes to D-MIM from evaluation carried through;
- Harmonization with Patient Administration;
- Update to Datatypes R2; and
- Update to current RIM.

HPS (ASC N43) (Health Physics Society)

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BSR N43.4-201x, Classification of Radioactive Self-Luminous Light Sources (new standard)

Stakeholders: Device manufacturers, distributors, military and government regulators.

Project Need: Establishes the classification of certain radioactive self-luminous light sources according to radionuclide, type of source, activity and performance requirements. The objectives of this standard are to establish minimum prototype testing requirements for radioactive self-luminous light sources, to promote uniformity of marking such sources, and to establish minimum physical performance for such sources. The standard does not attempt to establish design or safety standards, but leaves the design features to the judgment of the supplier and user, provided that the performance requirements are met. Radioactive self-luminous light sources used in or on timepieces are not covered by this standard.

This standard establishes the classification of certain radioactive self-luminous light sources according to radionuclide, type of source, activity and performance requirements. The standard does not attempt to establish design or safety standards, but leaves the design features to the judgment of the supplier and user, provided that the performance requirements are met.

BSR N43.5-201x, Radiation Safety for the Design of Radiographic and Fluoroscopic Industrial X-Ray Equipment (new standard)

Stakeholders: Radiographic equipment manufacturers, users, the U.S. Food and Drug Administration, state radiation control Regulatory agencies, and other federal entities and local authorities who may choose to use the standard as a means of ensuring safe use.

Project Need: Provides guidelines specific to the radiation safety aspects of the design of non-medical x-ray equipment operating at energies below 1 MeV for radiographic and radiosopic applications, wherein the x-rays are generated by electronic means. The objective is to achieve safe design of nonmedical x-ray equipment by establishing requirements for some components that are critical for radiation safety. These include controls, panel displays, warning indicators, tube assembly, and shielding. Other considerations, which are generally the responsibility of the manufacturer, are also included. These include instructions, provisions for means of connecting interlocks, and labeling.

This standard provides guidelines specific to the radiation safety aspects of the design of non-medical x-ray equipment operating at energies below 1 MeV for radiographic and radiosopic applications, wherein the x-rays are generated by electronic means. It does not apply to x-ray equipment used for industrial gauging applications. The objective is to achieve safe design of non-medical x-ray equipment by establishing requirements for some components that are critical for radiation safety. These include controls, panel displays, warning indicators, tube assembly, and shielding. Other considerations, which are generally the responsibility of the manufacturer, are also included. These include instructions, provisions for means of connecting interlocks, and labeling.

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

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BSR/IAPMO S1002-201x, Design and Installation of Combination Solar Water and Space Heating Systems (new standard)

Stakeholders: Producer Interest; User Interest; General Interest.

Project Need: Solar systems can be used to simultaneously provide domestic water and space heating. In the U.S., no consensus standard exists which addresses procedures for sizing and design of such systems, also commonly known as combi-systems. This standard will provide guidance for system designers and engineers in regards to selecting the type and quantity of solar heating collectors and ancillary equipment required for combination water heating and space heating applications.

This standard will establish methodologies for sizing and designing combi-systems. Specific topics will include:

- solar collector selection and configuration;
- piping configuration;
- heat storage selection and sizing;
- pump selection and sizing;
- valve selection and placement;
- electronic control logic and design;
- system performance monitoring;
- system reliability;
- integration with conventional heating equipment and systems; and
- safety.

BSR/IAPMO S1003-201x, Design and Installation of Solar Space Cooling Systems (new standard)

Stakeholders: Producer Interest; User Interest; General Interest.

Project Need: Solar heating technologies can serve as the heat source for thermally driven air conditioning systems. In the U.S., no consensus standard exists that addresses procedures for sizing and design of such systems. This standard will provide guidance for system designers and engineers in regards to selecting the type and quantity of solar-heating technology required to provide heat for space-cooling applications.

This standard will establish methodologies for sizing and designing residential and commercial space cooling systems. Specific topics will include:

- solar collector selection and configuration;
 - piping and component configuration;
 - heat storage selection and sizing;
 - pump selection and sizing;
 - valve selection and placement;
 - electronic control logic and design;
 - system performance monitoring;
 - system reliability;
 - integration with conventional air conditioning equipment and systems;
- and
- safety.

BSR/IAPMO S1004-201x, Design and Installation of Commercial Solar Water Heating Systems (new standard)

Stakeholders: Producer Interest; User Interest; General Interest.

Project Need: Commercial solar water heating systems are used throughout the world. In the U.S., no consensus standard exists that addresses the design and engineering of non-single family residential solar water heating systems (commercial solar water heating systems). This standard will provide guidance for system designers and engineers in regards to selecting the type and quantity of solar heating equipment required for certain end-use applications, and for integrating solar heating equipment into certain conventional water heating systems.

This standard will establish requirements for sizing and designing commercial solar water heating systems based on solar industry-accepted best design practices, and on compliance with applicable codes. Specific topics will include:

- solar collector selection and configuration;
- piping configuration;
- heat storage selection and sizing;
- pump selection and sizing;
- valve selection and placement;
- electronic control logic and design;
- system performance monitoring;
- system reliability; and
- safety.

BSR/IAPMO S2001-201x, Design and Installation of Heat Metering Subsystems (new standard)

Stakeholders: Producer Interest; User Interest; General Interest.

Project Need: In circumstances where heat produced by renewable energy systems must be measured, a need exists for an accurate heat delivery quantification protocol applicable to entire systems. Heat-metering products are used to measure heat migration past measuring points, however no standard exists governing how heat measurement systems should be designed and engineered where heat generated and delivered to one or more end-use applications must be accurately quantified.

This standard will establish protocols for designing heat metering subsystems that accurately characterize the movement of heat energy from a heat-generation system to one or more end-use applications. Specific topics will include:

- identifying appropriate product types and siting locations for flow meters and temperature sensors;
- defining data collection protocols; and
- defining data security and delivery protocols.

BSR/IAPMO S3001-201x, Heat Transfer Fluids for Solar Heating Systems (new standard)

Stakeholders: Producer Interest; User Interest; General Interest.

Project Need: Solar heating systems use heat transfer fluids to transport heat from solar collectors to residential and commercial heating loads. When solar heating systems are used to heat potable water, heat-transfer fluids may need to meet certain toxicity guidelines. Heat-transfer fluids that meet toxicity guidelines have varying levels of ability to withstand extreme heat or cold without adverse changes to their chemical or functional properties.

This standard will establish criteria for assigning "class" ratings to heat transfer fluids according to their functional characteristics and suitability for use as a heat-transfer fluid in solar heating systems. Listing parameters will include, but will not necessarily be limited to:

- toxicity;
- freezing temperatures;
- high temperatures; and
- longevity.

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BSR/IES RP-1-201x, Office Lighting (revision of ANSI/IESNA RP-1-2004)

Stakeholders: Designers, engineers, architects, and building owners.

Project Need: Updating to include new IES illuminance recommendations.

In addition to recommendations on providing visibility for visual tasks, the standard addresses quality issues related to creating a stimulating work space.

BSR/IES RP-22-201x, Tunnel Lighting (revision of ANSI/IES RP-22-2011)

Stakeholders: Engineers, designers, government agencies responsible for tunnel lighting.

Project Need: Continuation of refining recommendations.

Provides basic criteria for new tunnel-lighting designs including calculations for threshold-zone luminance values and field-measurement grids.

BSR/IES RP-28-201x, Lighting and the Visual Environment for Senior Living (revision of ANSI/IESNA RP-28-2007)

Stakeholders: Designers, caregivers, and managers of facilities for seniors.

Project Need: Update recommendations.

Provides recommendations the elderly both in independent and assisted living situations, taking into account special vision needs.

BSR/IES RP-29-201x, Lighting for Hospitals and Health Care Facilities (revision of ANSI/IESNA RP-29-2006)

Stakeholders: Designers, engineers, managers of health care facilities.

Project Need: Updating published information with new illuminance recommendations.

Provides recommendations for spaces and tasks that are unique to health care facilities related to patient care and medical procedures.

BSR/IESNA RP-27.1-201x, Biological Safety for Lamps and Lamp Systems - General Requirements (revision of ANSI/IESNA RP-27.1-2005)

Stakeholders: Users/personnel working with the lamps of a certain wavelength and equipment manufacturers.

Project Need: Updating information.

To inform users about well-known optical radiation hazards associated with some lamps and lamp systems.

BSR/IESNA RP-27.3-201x, Photobiological Safety for Lamps - Risk Group Classification and Labeling (revision of ANSI/IESNA RP-27.3-2007)

Stakeholders: Personnel working with these products and equipment manufacturers.

Project Need: Updating information in current standard.

Classification and labeling for lamps that emit optical radiation in wavelength range from 200 nm to 3000 nm, except LEDs in fiber communication systems and lasers.

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

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INCITS/ISO/IEC 19773-201x, Information technology - Metadata Registries (MDR) modules (identical national adoption of ISO/IEC 19773:2011)

Stakeholders: ICT industry.

Project Need: Adoption of this International Standard will be beneficial to the ICT industry.

ISO/IEC 19773:2011 specifies small modules of data that can be used or reused in applications. These modules have been extracted from ISO/IEC 11179-3, ISO/IEC 19763, and OASIS EBXML, and have been refined further. These modules are intended to harmonize with current and future versions of the ISO/IEC 11179 series and the ISO/IEC 19763 series. These modules include: reference-or-literal (reflit) for on-demand choices of pointers or data; multitext, multistring, etc. for recording internationalized and localized data within the same structure; slots and slot arrays for standardized extensible data structures; etc.

NETA (InterNational Electrical Testing Association)

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BSR/NETA ATS-201x, Standard for Acceptance Testing Specifications for Electrical Power Equipment and Systems (revision of ANSI/NETA ATS-2009)

Stakeholders: Governmental agencies, A&E firms, inspection authorities, owners of facilities that utilize large blocks of electric energy, electrical testing companies.

Project Need: Guides those responsible for the installation and operation of new electrical systems and equipment in specifying and performing the necessary tests. Shipping and installation damage, field and factory wiring errors, manufacturing defects, and systems and components not in accordance with drawings and specifications are detectable by appropriate acceptance testing. Defects found before startup can be corrected and reduce or eliminate safety hazards, possible equipment damage, and of loss of production that could occur after startup. Test results obtained during acceptance testing are also invaluable as base reference data for the periodic testing that is essential for an effective maintenance program.

It is the intent of this document to assure that all tested electrical equipment and systems supplied by either contractor or owner are operational and within applicable standards and manufacturer's tolerances and that equipment and systems are installed in accordance with design specifications.

PGMA (Portable Generator Manufacturers Association)

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* BSR/PGMA xx-201x, Safety and Performance of Portable Generators (new standard)

Stakeholders: Manufacturers of portable generators.

Project Need: There is currently no American National Standard for portable generators.

The requirements will address the safety and performance aspects associated with the mechanical performance and electrical features of portable engine-driven generators.

TAPPI (Technical Association of the Pulp and Paper Industry)

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BSR/TAPPI T 538 om-201x, Roughness of paper and paperboard (Sheffield method) (new standard)

Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI standard in order to revise if needed to address new technology or correct errors.

This method is a measurement of the air flow between the specimen (backed by flat glass on the bottom side) and two pressurized, concentric annular lands that are impressed into the sample from the top side. The rate of air flow is related to the surface roughness of paper or paperboard.

TIA (Telecommunications Industry Association)

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BSR/TIA 571-C-201x, Telecommunications - Telephone Terminal Equipment - Electrical, Thermal, Mechanical Environmental Performance Requirements (revision and redesignation of ANSI/TIA 571-B-2007)

Stakeholders: Test labs; manufacturers; distributors.

Project Need: Provide updates for an existing standard.

TIA-571-B is up for 5-year review. It has been determined that updating and revisions are required. Some items that need consideration are:

- Scope: Expansion of the scope to include communications equipment typically found at the premises in today's broadband environment;
 - Vibration tests: It is now generally recognized that random vibration is more representative of real-world conditions and should replace the current sinusoidal vibration tests; and
 - Surge tests: Consideration should be given to TIA 1194, Surge Resistibility of Smart Grid Equipment Connected to either DC or 120/240 V Single Phase AC and Metallic Communication Lines, as well as a complete review of this section to make sure the standard reflects the latest technologies and installations and adequately addresses the real surge environment for various types of equipment.
- Different testing paths should be considered for different uses and installations of equipment, for example, consumer/enterprise, portable/installed equipment, etc.

UL (Underwriters Laboratories, Inc.)

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BSR/UL 203A-201x, Standard for Safety for Sway Brace Devices for Sprinkler System Piping (new standard)

Stakeholders: Manufacturers of sway brace devices, building owners, insurance companies, and fire service.

Project Need: To obtain national recognition of a standard covering sway brace devices for sprinkler system piping provided in locations subject to earthquakes.

These requirements cover sway brace devices intended to protect sprinkler system piping in locations subject to earthquakes. These devices are intended for installation in accordance with the Standard for Installation of Sprinkler Systems, NFPA 13.

American National Standards Maintained Under Continuous Maintenance

The ANSI Essential Requirements: Due Process Requirements for American National Standards provide 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)
- AGRSS, Inc. (Automotive Glass Replacement Safety Standards Committee, Inc.)
- 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)
- GEIA (Greenguard Environmental Institute)
- HL7 (Health Level Seven)
- 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)
- TIA (Telecommunications Industry Association)
- UL (Underwriters Laboratories, Inc.)

To obtain additional information with regard to these standards, such as contact information at the ANSI accredited standards developer, please visit ANSI Online at www.ansi.org, select Internet Resources, click on "Standards Information," and see "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.

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ASX9

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ASHRAE

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ASME

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ASSE (Safety)

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AWWA

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CLSI

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CSA

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HL7

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Ann Arbor, MI 48104
Phone: (734) 677-7777 Ext 104
Fax: (734) 677-6622
Web: www.hl7.org

HPS (ASC N13)

Health Physics Society
1313 Dolley Madison Blvd, Suite 402
McLean, VA 22101
Phone: (703) 790-1745
Fax: (703) 790-2672
Web: www.hps.org/hpspublications/standards.html

IAPMO (Z)

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

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

IESNA

Illuminating Engineering Society of
North America

120 Wall Street, 17th Floor
New York, NY 10005-4001
Phone: (212) 248-5000 x115
Fax: (212) 248-5017
Web: www.iesna.org

IIAR

International Institute of Ammonia
Refrigeration

1001 N. Fairfax Street, Suite 503
Alexandria, VA 22314
Phone: (703) 312-4200
Fax: (703) 312-0065
Web: www.iiar.org

ISA (Organization)

ISA-The Instrumentation, Systems,
and Automation Society

67 Alexander Drive
Research Triangle Park, NC 27709
Phone: (919) 990-9227
Fax: (919) 549-8288
Web: www.isa.org

ITI (INCITS)

InterNational Committee for
Information Technology Standards

1101 K Street NW, Suite 610
Washington, DC 20005
Phone: (202) 626-5743
Fax: (202) 638-4922
Web: www.incits.org

ITSDF

Industrial Truck Standards
Development Foundation, Inc.

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

LIA (ASC Z136)

Laser Institute of America

13501 Ingenuity Drive
Suite 128
Orlando, FL 32826
Phone: (407) 380-1553
Fax: (407) 380-5588
Web: www.laserinstitute.org

NETA

InterNational Electrical Testing
Association

3050 Old Centre, Suite 102
Portage, MI 49024
Phone: (269) 488-6382
Fax: (269) 488-3683
Web: www.netaworld.org

NISO

National Information Standards
Organization

One North Charles Street, Suite 1905
Baltimore, MD 21201
Phone: (301) 654-2512
Fax: (410) 685-5278
Web: www.niso.org

NSF

NSF International

789 N. Dixboro Road
Ann Arbor, MI 48105
Phone: (734) 827-5643
Fax: (734) 827-7880
Web: www.nsf.org

OPEI

Outdoor Power Equipment Institute

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

PGMA

Portable Generator Manufacturers
Association

1300 Sumner Avenue
Cleveland, OH 44115-2851
Phone: (216) 241-7333 X3008
Fax: (216) 241-0105
Web: www.taol.com/default.asp

TAPPI

Technical Association of the Pulp and
Paper Industry

15 Technology Parkway South
Norcross, GA 30092
Phone: (770) 209-7276
Fax: (770) 446-6947
Web: www.tappi.org

TIA

Telecommunications Industry
Association

2500 Wilson Blvd., Suite 300
Arlington, VA 22201
Phone: (703) 907-7700
Fax: (703) 907-7727
Web: www.tiaonline.org

UL

Underwriters Laboratories, Inc.

12 Laboratory Dr.
RTP, NC 27709
Phone: (919) 549-0973
Fax: (919) 549-0973
Web: www.ul.com/



ISO & IEC Draft International Standards

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

Comments

Comments regarding ISO documents should be sent to Rachel Howenstine at ANSI's New York offices, those regarding IEC documents to Charles T. Zegers, also at ANSI New York offices. 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

AIR QUALITY (TC 146)

ISO/DIS 13137, Workplace atmospheres - Pumps for personal sampling of chemical and biological agents - Requirements and test methods - 6/9/2012, \$98.00

ISO/DIS 25597, Stationary source emissions - Test method for determining PM_{2,5} and PM₁₀ mass in stack gases using cyclone samplers and sample dilution - 7/31/2012, FREE

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 16127, Space systems - Prevention of break-up of unmanned spacecraft - 7/26/2012, \$46.00

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

ISO/DIS 16571, Systems for evacuation of plume generated by medical devices - 7/25/2012, \$107.00

DENTISTRY (TC 106)

ISO/DIS 16635-1, Dentistry - Dental dam technique - Part 1: Hole punch - 7/29/2012, FREE

ESSENTIAL OILS (TC 54)

ISO/DIS 9235, Aromatic natural raw materials - Vocabulary - 7/28/2012, \$58.00

FINE CERAMICS (TC 206)

ISO/DIS 14605, Fine Ceramics (Advanced ceramics, advanced technical ceramics) - Light source for testing semiconducting photocatalytic materials used under indoor lighting environment - 7/30/2012, FREE

HEALTH INFORMATICS (TC 215)

ISO/HL7 DIS 10781, Electronic Health Record-System Functional Model, Release 2.0 (EHR FM) - 7/28/2012, FREE

PAINTS AND VARNISHES (TC 35)

ISO/DIS 16925, Paints and varnishes - Determination of the resistance of coatings to high-pressure water-jetting - 7/28/2012, FREE

ISO/DIS 16927, Paints and varnishes - Determination of the overcoatability and recoatability of a coating - 7/28/2012, FREE

ISO/DIS 3233-2, Paints and varnishes - Determination of the percentage volume of non-volatile matter - Part 2: Determination by measurement of the dry-film density - 7/28/2012, \$53.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO/DIS 9162, Petroleum products - Fuels (class F) - Liquefied petroleum gases - Specifications - 7/29/2012, \$40.00

PULLEYS AND BELTS (INCLUDING VEEBELTS) (TC 41)

ISO/DIS 24035, Belt drives - Frictional drive belts for the agricultural industry and corresponding pulleys - Dimensions - 7/28/2012, \$46.00

SOIL QUALITY (TC 190)

ISO/DIS 16387, Soil quality - Effects of pollutants on Enchytraeidae (Enchytraeus sp.) - Determination of effects on reproduction - 7/28/2012, \$82.00

STEEL (TC 17)

ISO/DIS 6316, Hot-rolled steel strip of structural quality - 7/29/2012, \$53.00

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

IEC/DIS 82079-1, Preparation of instructions for use -- Structuring, content and presentation -- Part 1: General principles and detailed requirements, FREE

ISO/IEC JTC 1, Information Technology

ISO/IEC 15444-9:2005/PDAM 5, Information technology - JPEG 2000 image coding system: Interactivity tools, APIs and protocols - Draft Amendment 5: UDP transport and additional enhancements to JPIP - 7/29/2012, \$165.00

ISO/IEC 24727-2:2008/PDAM 1, Identification cards - Integrated circuit card programming interfaces - Part 2: Generic card interface - Draft Amendment 1 - 7/25/2012, \$102.00

ISO/IEC 24727-3:2008/PDAM 1, Identification cards - Integrated circuit card programming interfaces - Part 3: Application interface - Draft Amendment 1 - 7/25/2012, \$194.00

ISO/IEC 24727-4:2008/PDAM 1, Identification cards - Integrated circuit card programming interfaces - Part 4: Application programming interface (API) administration - Draft Amendment 1 - 7/25/2012, \$155.00

ISO/IEC DIS 23005-3, Information technology - Media context and control - Part 3: Sensory information - 7/25/2012, FREE

ISO/IEC DIS 23005-4, Information technology - Media context and control - Part 4: Virtual world object characteristics - 7/26/2012, FREE

ISO/IEC DIS 23005-6, Information technology - Media context and control - Part 6: Common types and tools - 7/25/2012, FREE

ISO/IEC DIS 14776-153, Information technology - Small Computer System Interface (SCSI) - Part 153: Serial Attached SCSI - 2.1 (SAS -2.1) - 7/25/2012, FREE

ISO/IEC DIS 17760-101, Information technology - AT Attachment 8 - Part 101: ATA/ATAPI Command Set (ATA8-ACS) - 7/25/2012, FREE

IEC Standards

34A/1567/FDIS, IEC 60432-3 Ed.2: Incandescent lamps - Safety specifications - Part 3: Tungsten-halogen lamps (non-vehicle), 06/08/2012

34A/1568/FDIS, Amendment 3 to IEC 61549 ed.2: Miscellaneous lamps, 06/08/2012

37A/236/FDIS, IEC 61643-21/A2/Ed1: Low voltage surge protective devices - Part 21: Surge protective devices connected to telecommunications and signalling networks - Performance requirements and testing methods, 06/08/2012

48D/514/FDIS, IEC 61587-4 Ed 1.0: Mechanical structures for electronic equipment - Tests for IEC 60917 and IEC 60297 - Part 4: Combination of performance levels for modular cabinets, 06/08/2012

55/1322/FDIS, IEC 60317-61/Ed1: Specifications for particular types of winding wires - Part 61: Polyester glass fibre wound, minimum class 180, resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 180, 06/08/2012

55/1323/FDIS, IEC 60317-62/Ed1: Specifications for particular types of winding wires - Part 62: Polyester glass fibre wound, minimum class 200 resin or varnish impregnated, bare or enamelled rectangular copper wire, temperature index 200, 06/08/2012

55/1324/FDIS, IEC 60317-0-8/Ed1: Specifications for particular types of winding wires - Part 0-8: General requirements - Polyester glass fibre wound, resin or varnish impregnated or not impregnated, bare or enamelled rectangular copper wire, 06/08/2012

55/1325/FDIS, IEC 60317-2/Ed4: Specifications for particular types of winding wires. Part 2: Solderable polyurethane enamelled round copper wire, class 130, with a bonding layer, 06/08/2012

62D/1003/FDIS, IEC 60601-2-10 Ed.2: Medical electrical equipment - Part 2-10: Particular requirements for the basic safety and essential performance of nerve and muscle stimulators, 06/08/2012

65A/628/FDIS, IEC 61326-1 Ed. 2: Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements, 06/08/2012

65A/629/FDIS, IEC 61326-2-3 Ed. 2: Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 2-3: Particular requirements - Test configurations, operational conditions and performance criteria for transducers with integrated or remote signal conditioning, 06/08/2012

65A/630/FDIS, IEC 61326-2-4 Ed. 2: Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 2-4: Particular requirements - Test configurations, operational conditions and performance criteria for insulation monitoring devices according to IEC 61557-8 and for equipment for insulation fault location according to IEC 61557-9, 06/08/2012

65A/631/FDIS, IEC 61326-2-6 Ed. 2: Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 2-6: Particular requirements - In vitro diagnostic (IVD) medical equipment, 06/08/2012

100/1969/FDIS, IEC 60728-3-1 Ed1: Cable networks for television signals, sound signals and interactive services - Part 3-1: Methods of measurement of non-linearity for full digital channel load with DVB-C signals (TA5), 06/08/2012

CIS/A/994A/FDIS, CISPR 16-1-5 Amd1: Amendment related to the introduction of Reference Site Method (RSM), 05/18/2012

47A/882/FDIS, IEC 62132-8 Ed.1: Integrated circuits - Measurement of electromagnetic immunity - Part 8: Measurement of radiated immunity - IC Stripline method, 06/15/2012

14/718/FDIS, IEC 60076-18 Ed.1: Power transformers - Part 18: Measurement of frequency response, 06/22/2012

55/1326/FDIS, IEC 60317-48/Ed2: Specifications for particular types of winding wires - Part 48: Glass-fibre wound resin or varnish impregnated, bare or enamelled round copper wire, temperature index 155, 06/22/2012

55/1327/FDIS, IEC 60317-49/Ed2: Specifications for particular types of winding wires - Part 49: Glass-fibre wound high temperature resin or varnish impregnated, bare or enamelled round copper wire, temperature index 180, 06/22/2012

55/1328/FDIS, IEC 60317-50/Ed2: Specifications for particular types of winding wires - Part 50: Glass-fibre wound silicone resin or varnish impregnated, bare or enamelled round copper wire, temperature index 200, 06/22/2012

86B/3424/FDIS, IEC 61300-3-44/Ed1: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures -Part 3-44: Examinations and measurements - Fibre optic transceiver receptacle endface visual and automated inspection, 06/22/2012

86B/3433/FDIS, IEC 61754-26/Ed1: Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 26: Type SF connector family, 06/22/2012

112/208/FDIS, IEC 60544-2 Ed.3: Electrical insulating materials - Determination of the effects of ionizing radiation on insulating materials - Part 2: Procedures for irradiation and test, 06/22/2012

40/2153/FDIS, IEC 60301 Ed.3: Preferred diameters of wire terminations of capacitors and resistors, 06/29/2012

40/2154/FDIS, IEC 60294 Ed.2: Measurement of the dimensions of a cylindrical component with axial terminations, 06/29/2012

40/2155/FDIS, IEC 60440 Ed.1: Method of measurement of non-linearity in resistors, 06/29/2012

62A/805/FDIS, Amendment 1 - IEC 60601-1: Medical electrical equipment - Part 1: General requirements for basic safety and essential performance, 06/29/2012



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

ISO/IEC JTC 1 Technical Reports

[ISO/IEC TR 12785-3:2012](#), Information technology - Learning, education, and training - Content packaging - Part 3: Best practice and implementation guide, \$104.00

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

[ISO 1101:2012](#), Geometrical product specifications (GPS) - Geometrical tolerancing - Tolerances of form, orientation, location and run-out, \$206.00

[ISO 13225:2012](#), Geometrical product specifications (GPS) - Dimensional measuring equipment; Height gauges - Design and metrological characteristics, \$104.00

INFORMATION AND DOCUMENTATION (TC 46)

[ISO 26324:2012](#), Information and documentation - Digital object identifier system, \$92.00

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

[ISO 10426-1/Cor2:2012](#), Petroleum and natural gas industries - Cements and materials for well cementing - Part 1: Specification - Corrigendum 2, FREE

PUMPS (TC 115)

[ISO 9906:2012](#), Rotodynamic pumps - Hydraulic performance acceptance tests - Grades 1, 2 and 3, \$157.00

SOIL QUALITY (TC 190)

[ISO 10930:2012](#), Soil quality - Measurement of the stability of soil aggregates subjected to the action of water, \$80.00

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

[ISO 13926-3:2012](#), Pen systems - Part 3: Seals for pen-injectors for medical use, \$57.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

[ISO 13183:2012](#), Intelligent transport systems - Communications access for land mobiles (CALM) - Using broadcast communications, \$92.00

WELDING AND ALLIED PROCESSES (TC 44)

[ISO 17653:2012](#), Resistance welding - Destructive tests on welds in metallic materials - Torsion test of resistance spot welds, \$49.00

ISO Technical Reports

INFORMATION AND DOCUMENTATION (TC 46)

[ISO/TR 11219:2012](#), Information and documentation - Qualitative conditions and basic statistics for library buildings - Space, function and design, \$220.00

ROAD VEHICLES (TC 22)

[ISO/TR 8713:2012](#), Electrically propelled road vehicles - Vocabulary, \$65.00

ISO Technical Specifications

IMPLANTS FOR SURGERY (TC 150)

[ISO/TS 10974:2012](#), Assessment of the safety of magnetic resonance imaging for patients with an active implantable medical device, \$235.00

TEXTILES (TC 38)

[ISO/TS 14909:2012](#), Fibre ropes for offshore stationkeeping - High modulus polyethylene (HMPE), \$149.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

[ISO/TS 26683-2:2012](#), Intelligent transport systems - Freight land conveyance content identification and communication (FLC-CIC) - Part 2: Application interface profiles, \$135.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 23000-12/Amd2:2012](#), Information technology - Multimedia application format (MPEG-A) - Part 12: Interactive music application format - Amendment 2: Compact representation of dynamic volume change and audio equalization, \$16.00

[ISO/IEC 29178:2012](#), Information technology - Mobile item identification and management - Service broker for Mobile AIDC services, \$73.00

[ISO/IEC 19788-5:2012](#), Information technology - Learning, education and training - Metadata for learning resources - Part 5: Educational elements, \$129.00

[ISO/IEC 24800-6:2012](#), Information technology - JPSearch - Part 6: Reference software, \$129.00

[ISO/IEC 14496-10:2012](#), Information technology - Coding of audio-visual objects - Part 10: Advanced Video Coding, \$235.00

IEC Standards

ELECTRICAL EQUIPMENT IN MEDICAL PRACTICE (TC 62)

[IEC 60601-2-3 Ed. 3.0 b:2012](#), Medical electrical equipment - Part 2-3: Particular requirements for the basic safety and essential performance of short-wave therapy equipment, \$107.00

[IEC 60601-2-6 Ed. 2.0 b:2012](#), Medical electrical equipment - Part 2-6: Particular requirements for the basic safety and essential performance of microwave therapy equipment, \$107.00

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

[IEC 61076-2-101 Ed. 3.0 b:2012](#), Connectors for electronic equipment - Product requirements - Part 2-101: Circular connectors - Detail specification for M12 connectors with screw-locking, \$204.00

[IEC 61076-4-116 Ed. 1.0 b:2012](#), Connectors for electronic equipment - Product requirements - Part 4-116: Printed board connectors - Detail specification for a high-speed two-part connector with integrated shielding function, \$179.00

FIBRE OPTICS (TC 86)

[IEC 61754-29 Ed. 1.0 b:2012](#), Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 29: Type BLINK connector series, \$117.00

FLAT PANEL DISPLAY DEVICES (TC 110)

[IEC 61988-4-2 Ed. 1.0 b:2012](#), Plasma display panels - Part 4-2: Environmental testing methods - Panel strength, \$66.00

HYDRAULIC TURBINES (TC 4)

[IEC 61362 Ed. 2.0 b:2012](#), Guide to specification of hydraulic turbine governing systems, \$235.00

INDUSTRIAL PLUGS AND SOCKET-OUTLETS (TC 23H)

[IEC 60309-4 Ed. 1.1 b:2012](#), Plugs, socket-outlets and couplers for industrial purposes - Part 4: Switched socket-outlets and connectors with or without interlock, \$179.00

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

[IEC 62439-5 Ed. 1.0 b:2010](#), Industrial communication networks - High availability automation networks - Part 5: Beacon Redundancy Protocol (BRP), \$179.00

[IEC 62443-2-1 Ed. 1.0 b:2010](#), Industrial communication networks - Network and system security - Part 2-1: Establishing an industrial automation and control system security program, \$281.00

LAMPS AND RELATED EQUIPMENT (TC 34)

[IEC 60838-2-2 Ed. 1.1 b:2012](#), Miscellaneous lampholders - Part 2-2: Particular requirements - Connectors for LED-modules, \$92.00

PERFORMANCE OF HOUSEHOLD ELECTRICAL APPLIANCES (TC 59)

[IEC 60436 Ed. 3.2 en:2012](#), Electric dishwashers for household use - Methods for measuring the performance, \$347.00

PIEZOELECTRIC AND DIELECTRIC DEVICES FOR FREQUENCY CONTROL AND SELECTION (TC 49)

[IEC 61837-1 Ed. 2.0 b:2012](#), Surface mounted piezoelectric devices for frequency control and selection - Standard outlines and terminal lead connections - Part 1: Plastic moulded enclosure outlines, \$107.00

SECONDARY CELLS AND BATTERIES (TC 21)

[IEC 61982 Ed. 1.0 b:2012](#), Secondary batteries (except lithium) for the propulsion of electric road vehicles - Performance and endurance tests, \$158.00

SURFACE MOUNTING TECHNOLOGY (TC 91)

[IEC 61182-2-2 Ed. 1.0 b:2012](#), Printed board assembly products - Manufacturing description data and transfer methodology - Part 2-2: Sectional requirements for implementation of printed board fabrication data description, \$179.00

SWITCHGEAR AND CONTROLGEAR (TC 17)

[IEC 60947-3 Ed. 3.1 b:2012](#), Low-voltage switchgear and controlgear - Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units, \$326.00

[IEC 62271-207 Ed. 2.0 b:2012](#), High-voltage switchgear and controlgear - Part 207: Seismic qualification for gas-insulated switchgear assemblies for rated voltages above 52 kV, \$97.00

WINDING WIRES (TC 55)

[IEC 60317-0-7 Ed. 1.0 b:2012](#), Specifications for particular types of winding wires - Part 0-7: General requirements - Fully insulated (FIW) zero-defect enamelled round copper wire with nominal conductor diameter of 0,040 mm to 1,600 mm, \$97.00

Registration of Organization Names in the United States

The Procedures for Registration of Organization Names in the United States of America (document ISSB 989) require that alphanumeric organization names be subject to a 90-day Public Review period prior to registration. For further information, please contact the Registration Coordinator at (212) 642-4946.

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

PUBLIC REVIEW

New York City Health and Hospital Corporation

Public Review: February 10 to May 6, 2012

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

A challenge is initiated when a letter from an interested entity is received by the Registration Coordinator. The letter shall identify the alphanumeric organization name being challenged and state the rationale supporting the challenge. A challenge fee shall accompany the letter. After receipt of the challenge, the alphanumeric organization name shall be marked as challenged in the Public Review list. The Registration Coordinator shall take no further action to register the challenged name until the challenge is resolved among the disputing parties.

Proposed Foreign Government Regulations

Call for Comment

U.S. manufacturers, exporters, regulatory agencies and standards developing organizations may be interested in proposed foreign technical regulations 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 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 seeks to broaden its membership base and is recruiting new participants in the following membership categories:

- special interest (user, academic, consortia)
- non-business (government and major/minor SDOs)

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 email from standards@scte.org.

ANSI Accredited Standards Developers

Administrative Reaccreditation

American Society for Quality (ASQ)

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of the American Society for Quality (ASQ), an ANSI Organizational Member, has been administratively approved under its recently revised operating procedures for documenting consensus on ASQ-sponsored American National Standards, effective April 27, 2012. For additional information, please contact: Ms. Angela Harris, Standards Administrator, ASQ, 600 N. Plankinton Avenue, Milwaukee, WI 53201; phone: 800.248.1946, ext. 7649; Email: standards@asq.org.

International Organization for Standardization (ISO)

Call for US/TAG and US/TAG Administrator

ISO/TC 269 – Railway applications

The ISO Technical Management Board has created a new ISO Technical Committee on Railway applications (ISO/TC 269). The secretariat has been assigned to DIN (Germany). The new technical committee has the following scope:

Standardization of all products and services specifically related to the rail industry, including construction, operation and maintenance of parts and equipment, methods and technology, interfaces between infrastructure and vehicles and rail specific environmental aspects, excluding those electrotechnical and electronic products and services for railways which are within the scope of IEC/TC 9.

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

U.S. Technical Advisory Groups

Administrative Reaccreditation

ISO/TC 23/SC13 – Powered Lawn and Garden Equipment, and SC17 – Manually Portable Forest Machinery

At the direction of ANSI's Executive Standards Council, the reaccreditation of the U.S. Technical Advisory Group to ISO TC 23/SCs 13, Powered lawn and garden equipment and 17, Manually portable forest machinery under its recently revised operating procedures has been administratively approved, effective May 2, 2012. For additional information, please contact: Mr. Daniel Mustico, Director, Industry Affairs, Outdoor Power Equipment Institute, 341 South Patrick Street, Alexandria, VA 22314; phone: 703.549.7600; E-mail: dmustico@opei.org.

Approval of TAG Accreditation

ISO/TC 252 – Project Committee: Natural Gas Fueling Stations for Vehicles

ANSI's Executive Standards Council (ExSC) has formally approved the accreditation of the U.S. Technical Advisory Group to ISO/TC 252, Project Committee: Natural gas fueling stations for vehicles, with the CSA Group serving as TAG Administrator. For additional information, please contact: Mr. Josip Novkovic, CSA Group, 8501 East Pleasant Valley Road, Independence, OH 44131; phone: 216.524.4990; E-mail: Josip.Novkovic@csa-america.org.

Reaccreditation

ISO/TC 42 – Photography

Comment Deadline: June 4, 2012

The U.S. Technical Advisory Group (TAG) to ISO/TC 42, Photography, has submitted revisions to its currently accredited TAG operating procedures. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain copies of the U.S. TAG's to TC 42 revised procedures or to offer comments, please contact: Mr. Edward Terhune, Secretary Support Team, ISO/TC 42 – Photography, American National Standards Institute, 25 W. 43rd Street, 4th Floor, New York, NY 10036; phone: 212.642.8905; Email: isotc42@ansi.org. You may view/download a copy of the revisions during the public review period at the following URL:

<http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fPublic%20Review%20and%20Comment%2fANS%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d>.

Please submit any public comments on the revised procedures to the ISO/TC 42 Secretary Support Team by June 4, 2012, with a copy to the ExSC Recording Secretary in ANSI's New York Office (E-mail: Jthomps@ANSI.org).

Information Concerning

Request for Comments

Report on Polymer Pipe Codes and Standards for Nuclear Power Plants

Comment Deadline: May 14, 2012

The NESCC is a joint initiative of the American National Standards Institute (ANSI) and the National Institute for Standards and Technology (NIST) to identify and respond to the current needs of the nuclear industry. More details on NESCC and its activities can be found at: www.ansi.org/nuclear.

In July 2010, NESCC formed a task group “Polymeric Piping for Nuclear Power Plants Task Group”, referred to as the “Polymer Pipe Task group” (PPTG).. The request (Appendix A of the report) for the formation of the task group had the following scope:

- Establish coordination and consistency of safety and non-safety related polymer pipe requirements in nuclear power plants;
- Identify and review all NRC regulatory documents related to polymeric pipes for nuclear power plants;
- Identify and review all ASTM, ASME, AWWA, ISO and PPI standards related to polymeric pipe water applications;
- Identify ancillary standards needed to certify manufacturers and the installation and inspection of piping

Since July 2010, the PPTG has been preparing a report on **Polymer Pipe Codes and Standards for Nuclear Power Plants**. The PPTG developed this report to identify the standards needs for polyethylene piping in safety applications within nuclear power plant facilities. The NESCC will utilize the findings of this report to work with standards determining organizations, utilities, and federal agencies to set priorities for standards development for nuclear power plant applications. Your input is critical to ensuring the final report will provide a significant impact for the standards community.

This request for public commenting closes on May 14, 2012. Any comments on this report should be sent to the PPTG Convenor, Aaron Forster (aaron.forster@nist.gov), NIST, and the NESCC Secretary, Sally Seitz (sseitz@ansi.org), ANSI. The report (NESCC 12-041) and commenting form (NESCC 12-042) are available [here](#). The PPTG will review the comments and make changes where appropriate. The results of the review will be presented at the July 17, 2012 NESCC meeting. Thank you in advance for your time and effort in providing a review.

Information Concerning

ANSI Accreditation Program for Third Party Product Certification Agencies

Voluntary Withdrawal from ANSI Accreditation

Bay Area Compliance Laboratories Corporation

Comment Deadline: June 4, 2012

Bay Area Compliance Laboratories Corporation

1274 Anvilwood Avenue
Sunnyvale, CA 94089

Bay Area Compliance Laboratories Corp. (BACL), an ANSI-Accredited Certification Body, has formally submitted notification of its voluntary withdrawal from ANSI accreditation for the following scopes, effective on May 1, 2012:

SCOPE(S)

FCC (A1) Unlicensed Radio Frequency Devices
FCC (A2) Unlicensed Radio Frequency Devices
FCC (A3) Unlicensed Radio Frequency Devices
FCC (A4) Unlicensed Radio Frequency Devices
FCC (B1) Licensed Radio Frequency Devices
FCC (B2) Licensed Radio Frequency Devices
FCC (B3) Licensed Radio Frequency Devices
FCC (B4) Licensed Radio Frequency Devices
FCC (C) Telephone Terminal Equipment

iDA TS 3G-BS
iDA TS 3G-MT
iDA TS AR
iDA TS CBS
iDA TS CMT
iDA TS CT-CTS
iDA TS GMPCS
iDA TS GSM-MT
iDA TS LMR
iDA TS RPG
iDA TS SRD
iDA TS UWB
iDA TS WBA

Broadcasting – All BETS in the Category I Equipment Standards List
Radio Scope 1 – Licence-exempt Radio Frequency Devices
Radio Scope 2 – Licensed Personal Mobile Radio Services
Radio Scope 3 – Licensed General Mobile and Fixed Radio Services
Radio Scope 4 – Licensed Maritime and Aviation Radio Services
Radio Scope 5 – Licensed Fixed Microwave Radio Services

A. Japan MIC Telecommunications Business Law

- A1. Terminal equipment for purpose of calling
- A2. Other Terminal equipment

B. Japan MIC Radio Law

- B1. Specified Radio Equipment specified in Article 38-2-2, paragraph 1, item 1 of the Radio Law
- B2. Specified Radio Equipment specified in Article 38-2-2, paragraph 1, item 2 of the Radio Law
- B3. Specified Radio Equipment specified in Article 38-2-2, paragraph 1, item 3 of the Radio Law

OFTA Radio Equipment Specifications (HKTA 10XX)

- HKTA 1001
- HKTA 1002
- HKTA 1003
- HKTA 1004
- HKTA 1005
- HKTA 1006
- HKTA 1007
- HKTA 1008
- HKTA 1015
- HKTA 1016
- HKTA 1020
- HKTA 1022
- HKTA 1026
- HKTA 1027
- HKTA 1029
- HKTA 1030
- HKTA 1031
- HKTA 1032
- HKTA 1033
- HKTA 1034
- HKTA 1035
- HKTA 1036
- HKTA 1037
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- HKTA 1041
- HKTA 1042
- HKTA 1043
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- HKTA 1047
- HKTA 1048
- HKTA 1049
- HKTA 1050
- HKTA 1052
- HKTA 1053
- HKTA 1054
- HKTA 1056
- HKTA 1057
- HKTA 1061

OFTA GMDSS Marine Radio Equipment Specifications (HKTA 12XX)

HKTA 1218
HKTA 1223
HKTA 1224
HKTA 1225
HKTA 1257
HKTA 1258
HKTA 1259
HKTA 1260
HKTA 1261
HKTA 1262
HKTA 1263
HKTA 1264
HKTA 1265
HKTA 1266
HKTA 1277
HKTA 1281
HKTA 1282

OFTA Fixed Network Equipment Specifications (HKTA 2XXX)

HKTA 2001
HKTA 2011
HKTA 2012
HKTA 2013
HKTA 2014
HKTA 2015
HKTA 2016
HKTA 2017
HKTA 2018
HKTA 2019
HKTA 2020
HKTA 2021
HKTA 2022
HKTA 2023
HKTA 2024
HKTA 2026
HKTA 2027
HKTA 2028
HKTA 2029
HKTA 2030
HKTA 2031
HKTA 2032
HKTA 2033
HKTA 2034
HKTA 2036
HKTA 2201
HKTA 2202

Please send your comments within June 4, 2012 to Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Senior Program Manager, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036 Fax: 202-293-9287 or e-mail: njackson@ansi.org.

Recirculation Ballot – Z136.2 CDV3 (changes to document from CDV2)

where ω_0 is the mode-field (~~core~~) diameter and λ is the wavelength.

~~Where~~ Note that when the core diameter is substituted for the mode field diameter, or when concern exists that the beam may not be Gaussian, or wavelengths other than the intended wavelengths are used, the more conservative expression below should be used.

~~manufacturer.~~ For purposes of this standard, an organization or individual who makes, ~~assembles,~~ or installs optical devices and other components for the construction or modification of an OCS.

optical density. Logarithm to the base ten of the reciprocal of the transmittance. ~~That is,~~

$$OD = -\log_{10}\tau_{\lambda},$$

where τ_{λ} is the transmittance at the wavelength of interest. *Symbol: OD, D(λ), D _{λ} .*

refractive index (of a medium). ~~Denoted by n,~~ The ratio of the velocity of light in vacuum to the phase velocity in the medium. *Symbol: n. Syn: index of refraction.*

Table 3.2 – OFCS Requirements

Hazard Level	Location Type		
	Unrestricted	Restricted	Controlled
1	No requirements	No requirements	No requirements
2 and 2M	Labeling <u>and</u> Class 1 from connector ^a or connector requires tool	Labeling Medical Surveillance if optical instruments are used Training	Labeling Medical Surveillance if optical instruments are used Training
1M and 3R	Labeling <u>and</u> Class 1 from connector ^a or connector requires tool	Labeling Medical Surveillance if optical instruments are used Training	Labeling Medical Surveillance if optical instruments are used Training

7.2 Glass Particle Hazards

Where practical, a suitable container should be used to collect discarded pieces of fiber to avoid embedment in clothing, the eye, or the skin. Eating shall not be permitted in a fiber cleaving operations area.

8. Criteria for Exposure of the Eye and Skin

The MPE values shown in Table 5a and Table 5b are expressed (normalized) relative to a limiting aperture area.

8.1 Point Source and Extended Source Ocular Exposures

NOTE—The angular subtense, α , is the apparent visual angle as calculated from the source size (e.g., mode field diameter for single-mode fibers) and distance from the eye – the source size is ~~neither not~~ the diameter of the fiber ~~nor~~ ~~It is not~~ the divergence of the beam emitted by the source.

A.1 General

Although the hazard level and access level classification defines the appropriate control measures required for an OFCS and FSOCS, respectively, there are situations where additional information is useful. To assist in obtaining this information, several figures are provided. Figures A.1 and A.2 are

schematic representations of unaided and optically-aided viewing, respectively, for purposes of determining the NOHD. Figure A.3 is a schematic representation of the measurement setup for determining the OFCS hazard level.

Figure A.4 is a schematic representation of a measurement setup for determining the OFCS hazard level when the laser source is extended and C_E is applied. Note that in Figure A.4, the emitted power from the source that falls outside the acceptance angle γ ($\alpha > \alpha_{max}$) is excluded from the measurement; therefore, the maximum value of C_E that should be applied to the hazard level is that computed for $\alpha = \alpha_{max}$.

When $\alpha < \alpha_{max}$, then determination of the angular subtense of the source is necessary and the measurement setup illustrated in Figure A.4 can be modified by either substituting a CCD array or a screen for the detector, which can then be examined by using a separate camera focused on the screen. Careful lens selection and placement is necessary to ensure that an image is formed at the desired location. Note that the measurement of α is only valid if the measurement distance in Figure A.4 can be maintained when bringing the image to focus. In addition, measurement is required to ensure that the observed image contains a preponderance of the emitted power and not an artifact.

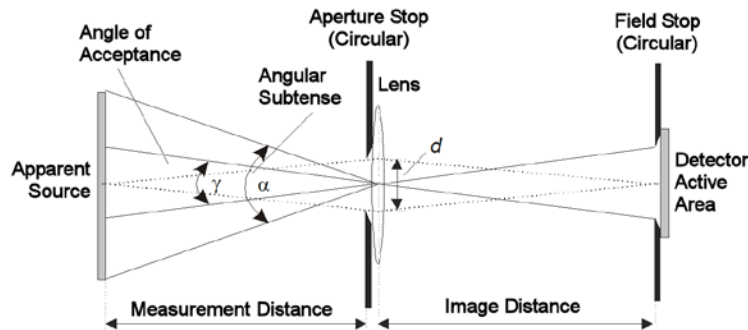


Figure A.4 – Measurement Arrangement used to Determine the OFCS Hazard Level. (For cases where α must be measured to determine C_E for calculating the limit.)

NOTE—The aperture stop diameter d is used to define the acceptance angle γ . If the image of the apparent source at the image distance fills the field stop, then $\alpha > \alpha_{max}$ and only radiant power is collected for determining the hazard level (applicable C_E is based on α_{max} and not on α). If the image size s at the image distance (adjusted to produce a sharp image of the source) is clearly within the field stop (typical), $\alpha = s / \text{(image distance)}$ ~~(measurement distance)~~.

B.2 Symbols

τ_{λ} = Transmission of an optical device, including windows, at wavelength λ .

τ_{λ} = Transmittance at wavelength λ .

Tracking #60i48r2

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DRAFT Revision to NSF/ANSI 60 – 2011

Issue 48 revision 2 (April 2012)

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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 Standard
for Drinking Water Additives —

Drinking water treatment chemicals – Health effects

-
-
-

Table 6.4 2– Disinfection and oxidation products – product identification₇ and evaluation

Chemical type (primary use)	Synonyms	Formula (CAS number)	Molecular weight (g)	Preparation method	Typical use level (mg/L) ¹	Minimum Test Batteries of Chemistry-specific analyses ²
ammonia, anhydrous ⁹ (disinfection & oxidation)	ammonia gas	NH ₃ (7664-41-7)	17.0	method E, annex B, section B.3.6	5	metals ³ , VOCs
ammonium hydroxide (disinfection & oxidation)	liquid ammonia	NH ₄ OH (1336-21-6)	35.0	method B, annex B, section B.3.3	10	metals ³
ammonium sulfate (disinfection & oxidation)	dry ammonia	(NH ₄) ₂ SO ₄ (7783-20-2)	132.0	method A, annex B, section B.3.2	25	metals ³
calcium hypochlorite ⁴ (disinfection & oxidation)	—	Ca(OCl) ₂ (7778-54-3)	143.1	Method A; annex B, B.3.2	10 ⁵	metals ³ , VOCs, bromate
Chlorine ¹⁰ (disinfection & oxidation)	chlorine gas	Cl ₂ (7782-50-5)	71.0	method E, annex B, section B.3.6	10 ⁶	VOCs
hydrogen peroxide	—	H ₂ O ₂	34.0	method A,	23 ⁷	metals ³ , VOCs

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Table 6.4 2– Disinfection and oxidation products – product identification, and evaluation

Chemical type (primary use)	Synonyms	Formula (CAS number)	Molecular weight (g)	Preparation method	Typical use level (mg/L) ¹	Minimum Test Batteries of Chemistry-specific analyses ²
(disinfection & oxidation)		(7722-84-1)		annex B, section B.3.2		
iodine ⁸ (disinfection & oxidation)	—	I ₂ (7553-56-2)	254.0	method A, annex B, section B.3.2	1	metals ³
potassium permanganate (oxidation)	permanganate	KMnO ₄ (7722-64-7)	158.0	method B, annex B, section B.3.3	15	metals ³
sodium chlorate (disinfection & oxidation)	—	NaClO ₃ (7775-09-9)	106.5	method A, annex B, section B.3.2	8	metals ³ , VOCs
sodium chlorite (disinfection & oxidation)	—	NaClO ₂ (7758-19-2)	90.5	method A, annex B, section B.3.2	7	metals ³ , VOCs
sodium hypochlorite ^{4,11} (disinfection & oxidation)	liquid bleach	NaOCl (7681-52-9)	74.5	method B, annex B, section B.3.3	10 ⁵	metals ³ , VOCs, bromate

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Table 6.4 2– Disinfection and oxidation products – product identification, and evaluation

Chemical type (primary use)	Synonyms	Formula (CAS number)	Molecular weight (g)	Preparation method	Typical use level (mg/L) ¹	Minimum Test Batteries of Chemistry-specific analyses ²
<p>¹ The typical use level is an application level that has been used historically in water treatment. The typical use level is not the maximum use level for the product, except where specifically stated.</p> <p>² Analysis for all chemistry-specific analytes in these minimum test batteries shall be performed each time the product is evaluated. Analysis shall also include formulation-dependent analytes as identified during formulation review. Testing for specific repackages, blends, or dilutions of previously certified products may be waived.</p> <p>³ Metals = antimony, arsenic, barium, beryllium, cadmium, chromium, copper, lead, mercury, selenium, and thallium</p> <p>⁴ Hypochlorite products shall include the appropriate statement in product literature, per the requirements of 6.3.2.</p> <p>⁵ Equivalent to 10 mg Cl₂/L, on a dry basis. The residual level of chlorine in the treated water is to be compliant with the applicable state or federal requirement.</p> <p>⁶ Equivalent to 10 mg Cl₂/L, on a dry basis. Use levels up to 30 mg Cl₂/L may be acceptable for short-term applications such as shock chlorination and disinfection of new installations. The residual level of chlorine in the treated water is to be compliant with the applicable state or federal requirement.</p> <p>⁷ The 23 mg/L value in the Typical Use Level column represents the maximum use level based on a 35% hydrogen peroxide solution and a hydrogen peroxide SPAC of 8 mg/L. The maximum use level for other concentrations of hydrogen peroxide can be derived in the same manner. Typical use level is for 35% hydrogen peroxide solution. Residual levels of hydrogen peroxide are to be removed from the treated water through chlorination.</p> <p>⁸ Iodine disinfection is acceptable for short-term or emergency use, but it is not recommended for long-term or routine community water supply application.</p> <p>⁹ Testing on anhydrous ammonia products may be bracketed based on the testing of ammonium hydroxide (aqua ammonia), if the aqua ammonia solution is prepared with the same respective anhydrous ammonia product.</p> <p>¹⁰ Chlorine products may be bracketed based on testing of sodium hypochlorite bleach, prepared from the same chlorine source, or annual analysis may alternate between the chlorine and sodium hypochlorite product.</p> <p>¹¹ When all certified ingredients are used, testing for this chemical may be alternated every other year.</p>						

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Reason: Revision 2 correctly identifies the 23 mg/L value as the Maximum Use Level (MUL) not a Typical Use Level (TUL) to avoid consumption above 8 mg/L. A SPAC of hydrogen peroxide was established by the NSF Health Advisory Board (8 mg/L), which when applied to a 35% hydrogen peroxide solution, would equate to a TUL of 23 mg/L (Issue document # DWA – 2010-10). The SPAC will be addressed in a separate ballot.

PROPOSAL FOR UL 94

2.2 Referenced standards in this text

2.2.1 If a designation for a test method is followed by an alternate or equivalent designation, in parenthesis, the latter method is considered technically equivalent, though not necessarily identical, and might yield somewhat different numerical test results than those obtained with the original test method.

ISO 13943 , Fire Safety - Vocabulary (ASTM E 176 , Standard Terminology of Fire Standards)

ISO 291 : Standard Atmospheres for Conditioning and Testing (ASTM D 618 , Practice for Conditioning Plastics for Testing)

ASTM D 789 , Test Method for Determination of Relative Viscosity of Polyamide

ASTM E 162-08 , Test Method for Surface Flammability of Materials Using a Radiant Heat Energy Source

ASTM D 3195 , Practice of Rotameter Calibration

IEC TS60695-11-4 , Test Flames 50 W Flames - Apparatus and Confirmational Test Methods; Method A and IEC TS60695-11-3 , Test Flames 500 W Flames - Apparatus and Confirmational Test Methods; Method A (ASTM D 5025 , Specification for a Laboratory Burner Used for Small-Scale Burning Tests on Plastic Materials ; ASTM D 5207 , Practice for Confirmation of 20 mm (50 W) Test Flames for Small-Scale Burning Tests on Plastic Materials)

ASTM 2016 , Standard Specification for Industrial Woven Wire Cloth, Appendix X3

HB: ASTM D 635 , Test Method for Rate of Burning and/or Extent and Time of Burning of Self-Supporting Plastics in a Horizontal Position (IEC 60695-11-10 Fire hazard testing Part 11-10; Test flames 50 W horizontal and vertical flame test methods)

V: ASTM D 3801 , Test Method for Measuring the Comparative Burning Characteristics of Solid Plastics in a Vertical Position (IEC 60695-11-10, Fire hazard testing Part 11-10: Test flames 50 W horizontal and vertical flame test methods)

VTM: ASTM D 4804 , Test Method for Determining the Flammability Characteristics of Nonrigid Solid Plastics (ISO 9773 , Plastics - Determination of Burning Behavior of Flexible Vertical Specimens in Contact with a Small Flame Ignition Source)

5V: ASTM D 5048 , Test Method for Measuring the Comparative Burning Characteristics and Resistance to Burn-Through of Solid Plastics Using a 125 mm Flame (IEC 60695-11-20, Fire hazard testing Part 11-20: Test flames 500 W flame test methods)

HB: ASTM D 4986 , Test Method for Horizontal Burning Characteristics of Cellular Polymeric Materials (ISO 9772 , Cellular Plastics - Determination of Horizontal Burning Characteristics of Small Specimens Subjected to a Small Flame)

10 Radiant Panel Flame Spread Test

(ASTM E 162-08)

10.1 Test criteria

10.1.1 The flame spread index of a material shall be determined in accordance with ASTM E162-08 , Test for Surface Flammability of Materials Using a Radiant Heat Energy Source.

BSR/UL 96
Standard for Safety for Lightning Protection Components

1. Revisions to Section 6, Air Terminals

6.8 Any decoration, ornament or accessory added to the top 10 inches (254 mm) section of an air terminal, shall be metallic, a minimum of 3/16 inch (4.8 mm) thick and comply with 6.7 for wind resistance.

Exception: If the cumulative metal thickness is a minimum of 3/16 inch (4.8mm), the requirement is satisfied.

6.10 Non-metallic coatings, flammability rating of 94V-0, applied to air terminals shall only be permitted below the top 10 inches (254 mm) of the air terminal and shall not be applied to the threads.

6.11 Paint, tape, or other thin coatings shall be permitted on air terminals for safety purposes to warn personnel of the potential danger. Such coatings shall not be permitted on connecting threads or tips of air terminals.

BSR/UL 174 Proposal

1. Addition of New Supplement B to Document the Safety Requirements for Smart Enabled Household Electric Storage Tank Water Heaters

SB - SAFETY OF SMART ENABLED HOUSEHOLD ELECTRIC STORAGE TANK WATER HEATERS

SB1 Scope

SB1.1 These requirements apply to household electric storage tank water heaters intended to receive and respond to communication signals or data relating to power billing rate or demand response or communication signals from a remote user interface, such as a smart phone or computer.

SB1.2 Appliances covered by SB1.1 are commonly identified as "smart" appliances or "smart enabled" and are intended to interact with the "Smart Grid" described by the US Energy Independence and Security Act of 2007, or other communications networks not identified as "Smart Grid."

SB1.3 These requirements do not address the integrity of any output signal or data to the network devices or interoperability with other devices.

SB1.4 These requirements supplement those specified in the Standard for Household Electric Storage Tank Water Heaters, [UL 174](#), and are not to supersede the requirements of UL 174. (i.e. UL 174 takes precedence over this Supplement).

SB1.5 These requirements contemplate "smart grid" technology, as described by the US Energy Independence and Security Act of 2007, that is integral with the appliance or incorporated as an accessory (wired to the appliance or wireless with a corresponding appliance receiver) on the appliance or in the same occupancy as the appliance.

SB1.6 These requirements encompass accessory devices to which multiple appliances may communicate and be smart enabled by providing direction for investigation of such devices in addition to the requirements of standards generally applicable to those devices

SB1.7 These requirements do not apply to communication network devices that control appliances via simple power on-off, building wiring devices, panelboard mounted devices or utility meters.

SB1.8 All references to paragraphs, sections, tables, etc. are related to the Standard for Household Electric Storage Tank Water Heaters, [UL 174](#), unless stated otherwise in this Supplement.

SB2 General

SB2.1 Controls that respond to external communication signals or data shall comply with the construction and performance requirements of the Standard for Automatic Electrical Controls for Household and Similar Use, Part 1: General Requirements, [UL 60730-1](#), and tested as an operating control utilizing the parameters specified in Table SB1. If the control also incorporates protective functions, these control functions shall be evaluated to the requirements for protective controls.

Exception No. 1: This requirement is not applicable to controls located in low voltage circuits where the maximum power available does not exceed 15 W. This exception does not exempt the control from investigation for compliance with SB3.1.

Exception No. 2: Compliance with the Standard for Solid-State Controls for Appliances, [UL 244A](#), taking into account criteria comparable to that specified in Table SB1 is considered to fulfill this requirement.

Exception No. 3: Compliance with the Standard for Limit Controls, [UL 353](#), taking into account criteria comparable to that specified in Table SB1 is considered to fulfill this requirement.

Exception No. 4: A communication device that is not integral with the appliance control (e.g. on a separate PWB) and complying with the Standard for Information Technology Equipment Safety - Part 1: General Requirements, [UL 60950-1](#) is considered to fulfill this requirement.

Table SB1Operating control parameters

<u>Information</u>	<u>Operating Control Requirement</u>
<u>Operating Ambient</u>	<u>As specified by the device manufacturer and checked during the Temperature Test, Section 28, of the appliance</u>
<u>Endurance Testing</u>	A) <u>100,000 cycles for automatic, self-resetting operating controls</u> B) <u>6,000 cycles for manual, non-self-resetting operating controls</u>
<u>Overvoltage Category</u>	<u>Overvoltage Category II</u>
<u>Pollution Degree</u>	<u>Pollution Degree 2</u>

SB2.2 For the purposes of application of the Standard for Automatic Electrical Controls for Household and Similar Use, Part 1: General Requirements, [UL 60730-1](#), EMC emissions testing of H23 is not applicable to controls which are integral with the appliance or incorporated as an accessory (wired or wireless) on the appliance or in the same occupancy as the appliance.

SB2.3 With respect to the Endurance Testing indicated in Table SB1, as a result of the testing, the control shall remain operational and comply with the Electric Strength Test of the Standard for Automatic Electrical Controls for Household and Similar Use, Part 1: General Requirements, [UL 60730-1](#).

SB2.4 When the control enclosure forms part of the overall appliance enclosure, the enclosure construction shall comply with the requirements of 6.2.

SB2.5 The separation of communication circuits from power and control circuits shall be evaluated for risk of electric shock in accordance with the applicable requirements of this standard.

Exception: Compliance with the separation of circuits requirements of the Standard for Automatic Electrical Controls for Household and Similar Use, Part 1: General Requirements, [UL 60730-1](#) or the Standard for Information Technology Equipment Safety - Part 1: General Requirements, [UL 60950-1](#) is considered to fulfill this requirement.

SB2.6 A communication or display device, such as a router or monitor, provided as an accessory for use with the appliance, shall comply with the Standard for Information Technology Equipment Safety - Part 1: General Requirements, [UL 60950-1](#).

SB2.7 When power is supplied to an external communication or display device by an interconnecting supply cord, it shall comply with 12.1.1 of this standard and be supplied with a bushing(s) and strain relief as described in Electrical Supply Connections - Cord Connections, Section 12.

SB2.8 Provisions for field wiring of interconnecting power conductors to an external communication or display device shall comply with Electrical Supply Connectors - Permanent Connections, Section 11 and be accomplished using conductors complying with Internal Wiring, Section 19. The conductors shall be enclosed in conduit that complies with the Standard for Rigid Metal Electrical Conduit, [UL 1](#), or the Standard for Flexible Metal Conduit, [UL 6](#), as applicable, or in electrical metallic tubing that complies with the Standard for Electrical Metallic Steel Tubing, [UL 797](#), or the Standard for Extruded Insulating Tubing, [UL 224](#), or in a metal raceway electrical enclosure that complies with 6.2.

Exception No. 1: Metal-clad cable that complies with the Standard for Metal Clad Cable, [UL 1569](#) may be employed in lieu of conduit, tubing or other raceway enclosure.

Exception No. 2: Class 2 power wiring may be in accordance with the wiring method requirements of Article 725 of NFPA 70. Also, see SB2.5.

SB2.9 A connector employed for field wiring shall have appropriate voltage, temperature, and material ratings suitable for the intended use and comply with the applicable requirements of 11.3.

SB2.10 If the external communication or display device is grounded via bonding with the appliance enclosure, the bonding requirements of the appliance standard shall be applied.

SB2.11 Grounding connections for external communication or display devices shall be made before power connections and shall break only after power connections are broken ("make first, break last").

SB2.12 Functional grounding shall not be relied upon for equipment grounding or bonding. (Functional grounding is grounding of a point in an appliance or in a system, which is necessary for a purpose other than safety.)

SB2.13 External communication conductors and cables shall comply with the Standard for Information Technology Equipment Safety - Part 1: General Requirements, [UL 60950-1](#).

SB2.14 Communication conductors and cables within the appliance shall be evaluated as internal wiring in accordance with this appliance standard.

SB2.15 Communication connectors and data ports accessible to the user and service personnel shall comply with the Standard for Information Technology Equipment Safety - Part 1: General Requirements, [UL 60950-1](#). Otherwise, communication connectors and data ports shall be evaluated in accordance with this appliance standard.

SB2.16 With the exception of communication-on-power-line technology, appliance plug, flatiron plug, jumbo appliance plug, motor attachment plug and other conventional power cord connectors (NEMA / IEC) shall not be used for communication circuit connections.

SB2.17 Any functionality enabled in response to external communication or data signals shall be considered when determining normal and abnormal conditions of the appliance.

SB2.18 The appliance shall include a means for the consumer to override any power reduction command. This method or means shall be illustrated in user operating instructions provided with the appliance, see SB5.5.

SB3 Functional Safety

SB3.1 Controls actuated in response to external communication signals or data shall not introduce a hazardous operating condition or state that may lead to a hazardous operating condition.

With respect to SB3.1, the control shall not:

- a) Render inoperative any protective control or control function within the appliance;
- b) Alter the response or expected performance of hazardous electrical, moving or hot parts to user actuation of controls, movement of doors, covers or lids or contact with external and functional surfaces of the appliance;

Exception: If the altered response or performance does not introduce a hazardous condition (e.g. no rise in water temperature), this requirement is not applicable.

- c) Enable any functionality in the appliance that is not available via the user-operated controls;
- d) Automatically override the water temperature setpoint beyond the value selected by the consumer;
- e) Cause any water heater temperature display to provide a reading that differs by $\pm 10^{\circ}\text{F}$ ($\pm 5.6^{\circ}\text{C}$) of the actual (measured) water temperature, once equilibrium temperatures have been achieved;

f) Alter the order of appliance control response (e.g. force the water heater to cycle on the Temperature Limiting Control); or

g) Supersede the response of any protective control, such as the Temperature Limiting Control.

SB3.2 Compliance with SB3.1 shall be determined using methods appropriate for determining the performance and reliability of protective control functions in accordance with the Standard for Automatic Electrical Controls for Household and Similar Use, Part 1: General Requirements, UL 60730-1.

Exception No. 1: Compliance with the Standard for Tests for Safety-Related Controls Employing Solid-State Devices, UL 991 and, if software is relied upon for protective functions, the Standard for Software in Programmable Components, UL 1998, is considered to fulfill this requirement.

Exception No. 2: The performance and reliability evaluation is not required if it is obvious from examination of circuit diagram(s) that the control operates wholly independent of the appliance protective control(s) and therefore is incapable of adversely affecting their operation.

SB3.3 With reference to SB3.2, Table SB2 shall be considered when judging the acceptability of the protective circuit.

Table SB2

Protective control evaluation

<u>Application of UL 991 and UL 1998</u>	<u>Application of UL 60730-1</u>
	Conduct a failure-mode and effect analysis (FMEA) for the protective circuits and functions identified in Functional Safety, Section SB3.
	A control becoming permanently inoperative and disconnecting power meets the criteria for mitigating the risk.
	<u>Assumed temperature ranges are as follows:</u>
	Indoor Use $0.0 \pm 2^{\circ}\text{C}$ ($32.0 \pm 3.6^{\circ}\text{F}$) and $40.0 \pm 2^{\circ}\text{C}$ ($104 \pm 3.6^{\circ}\text{F}$).
	Outdoor Use negative $35.0 \pm 2^{\circ}\text{C}$ (negative $31.0 \pm 3.6^{\circ}\text{F}$) and $40.0 \pm 2^{\circ}\text{C}$ ($104 \pm 3.6^{\circ}\text{F}$).
	<u>Cycling test duration shall be 14 days.</u>
	<u>Endurance test duration shall be 100,000 cycles.</u>
	<u>Radio-frequency electromagnetic field immunity:</u>
	Immunity to conducted disturbances - When applicable test level 3 shall be used.
	Immunity to radiated electromagnetic fields - field strength of 3 V/m shall be used.
	<u>For exposure to humidity, the following conditions shall apply:</u>
	Indoor Use $21.1 - 26.7^{\circ}\text{C}$ ($70 - 80^{\circ}\text{F}$) and minimum 50 percent relative humidity.

<u>Outdoor Use minimum 98 percent relative humidity.</u>	
<u>Electrical fast transient/burst immunity such that a test level 3 shall be used for all equipment other than outdoor use equipment. Test level 4 shall be used for outdoor use equipment.</u>	
	<u>Surge immunity test - Test with installation Class 3 used for other than outdoor use protective devices. Class 4 shall be used for protective devices intended for outdoor use.</u>
	<u>Electrostatic Discharge Test with a Severity Level of 3 having Contact Discharge at 6 kV to accessible metal parts and air discharge at 8 kV to accessible parts of insulating material.</u>

[SB4 Resistance to Electro Magnetic Phenomena \(Immunity\)](#)

SB4.1 The appliance protective control functions shall remain operable when subjected to conducted or radiated emissions from integral communication circuitry of the smart enabled control or any accessory thereof.

SB4.2 Compliance with SB4.1 is determined using the communication circuit source(s) adjusted to its maximum factory setting(s) in addition to any intermediate settings that are determined to present a risk to the acceptable operation of the protective control function. The protective control function shall be tested in accordance with H.26.4 through H26.14 of the Standard for Automatic Electrical Controls for Household and Similar Use, Part 1: General Requirements, [UL 60730-1](#), as appropriate.

SB5 Markings and Instructions

SB5.1 Accessory devices shall be marked with the manufacturer's name (or symbol), a part or catalog number, and electrical ratings. Literature packaged with the accessory shall identify the appliance(s) for which it is intended to be used. Additional markings or literature may be required, as appropriate, when the Standard for Automatic Electrical Controls for Household and Similar Use, Part 1: General Requirements, [UL 60730-1](#) and/or the Standard for Information Technology Equipment Safety - Part 1: General Requirements, [UL 60950-1](#) requirements are applied.

Exception: Battery operated devices may be marked with information identifying the appropriate battery(ies) in lieu of electrical ratings.

SB5.2 All electrical and communication cable connections shall be identified for their purpose.

SB5.3 Literature packaged with the appliance shall contain information identifying the intended accessory device(s). A specific part or catalog number is not required if the manufacturer identifies a "family" of devices and limits the identification of devices within that family to those which are investigated in combination with the appliance.

Exception: Accessories that do not affect compliance of the appliance with SB3 need not be identified.

SB5.4 User instructions provided with the appliance shall identify accessories, their method of connection, operation and any precautions to be taken in their use.

SB5.5 The method of overriding any smart enabled power reduction command shall be illustrated in user operating instructions provided with the appliance.

Subject 514B

May 4, 2012

SUMMARY OF TOPICS

The following topics for the Standard for Conduit, Tubing, and Cable Fittings, UL 514B, are being recirculated:

1. Proposed Sixth Edition: Modifications To Clauses 7.18.2 And 8.33.1.1 After Consideration Of Comments

2. Proposed Changes To Clause 8.3.1 To Specify Smaller Range Of Sheet Metal Thicknesses For Snap-In Type Fittings

COMMENTS DUE: June 4, 2012

For your convenience in review, proposed additions to the previously proposed requirements dated December 30, 2011 are shown underlined and proposed deletions are shown ~~lined-out~~.

1. Proposed Sixth Edition: Modifications To Clauses 7.18.2 And 8.33.1.1 After Consideration Of Comments

RATIONALE

Responses to comments have been posted within the 514B Proposal Review Work Area dated December 30, 2011.

PROPOSAL

7.18.2 For a ~~FITTING~~ TRANSITION COUPLING for metal-clad cable, Type ACG90 and Type ACGWU90 cable as described in Clause 5.4.4.1, the carton shall be marked "Armored Cable ~~BUSHING~~ Required on _____" or equivalent wording. The blank shall be filled in with "Metal-Clad Cable" or "Type ACG90 Cable" or "Type ACGWU90 Cable".

Note: See Annex C for guidance on armored cable bushing size.

8.33.1.1 A ~~PULLING GRIP OR SUPPORT GRIP~~ shall be tested as described in Clause 8.33.1.2. The grip shall not break when subjected for 15 minutes to a direct pull equal to 67 percent of its calculated break strength specified by the manufacturer ~~for 15 minutes~~.

2. Proposed Changes To Clause 8.3.1 To Specify Smaller Range Of Sheet Metal Thicknesses For Snap-In Type Fittings

Responses to comments have been posted within the 514B Proposal Review Work Area dated December 30, 2011. No changes have been made to the previously proposed revision. Note that the purpose of a recirculation of comments only is intended solely to provide STP members the opportunity

SUBJECT 514B

-2-

MAY 4, 2012

to review the comments and responses, and to either reconsider their vote or cast a first-time vote. New comments on the previously proposed revision for this Topic will not be provided with a specific response. Any additionally desired changes should be submitted as a new proposal request via CSDS.

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BSR/UL 1004-7, Standard for Safety for Electronically Protected Motors

PROPOSAL - Addition of the Running Heating Endurance Test

29B.2 For those electronically protected motors that, at the manufacturer's option, are evaluated and tested for running heating protection in addition to locked rotor protection, if the maximum temperature recorded during the Running Heating Temperature Test is higher than that recorded during the Locked Rotor Temperature Test, then the Running Heating Endurance Test of Section 29C, shall be conducted in lieu of the Locked Rotor Endurance Test.

29B.3 If the maximum temperatures recorded during both the Running Heating Temperature Test (if conducted) and the Locked Rotor Temperature Test do not exceed the maximum normal temperature for the relevant insulation Class then neither endurance test need be conducted.

29C Running Heating Endurance Test

29C.1 Immediately following the Running Heating Temperature Test, the motor is to be re-energized in the overload condition causing the maximum stabilized winding temperature for a test period of 15 days.

29C.2 If the Running Heating Endurance Test is interrupted prior to its completion, the manufacturer is to be given the option of restarting the test from the beginning with a new sample or continuing the test, with the original motor, at the point where it was interrupted, and resuming the 15-day timing when the motor has reached the stabilized target temperature, until the test has been completed. If the test is restarted and the motor complies with the acceptance criteria specified in 29C.4, then the results are considered acceptable. If the motor fails to meet one or more of the criteria, then, at the manufacturer's discretion, the test may be repeated with a new sample.

29C.3 A circulating air oven may be used to facilitate the Running Heating Endurance Test but not to provide the sole means of motor heating. The motor must be energized and loaded for the entire 15 days.

29C.4 At the conclusion of the test, the motor shall comply with the following:

- a) There shall be no flaming as evidenced by the cheesecloth.
- b) The fuse in the grounding conductor shall not open.
- c) The motor shall still electrically operate. For example, a bearing failure is considered in compliance.
- d) There shall be no electrical or mechanical malfunction of any associated component parts such as capacitors or starting relays.
- e) A secondary protector shall not have operated.
- f) A branch circuit overcurrent protective device shall not have operated.

29C.5 Immediately following the conclusion of the Running Heating Endurance Test, and while still in a heated state, a motor shall withstand application of a potential of twice the marked rated voltage of the motor between the windings and the frame.

29C.6 Polyphase motors are to be tested only under polyphase conditions.

BSR/UL 1310, the Standard for Class 2 Power Units

Proposal – Revision to the requirements for signal words in Cautionary Markings

52 Cautionary and Warning Markings

52.1 A ~~cautionary~~ The marking shall be prefixed by the signal word "CAUTION," "WARNING," or "DANGER" "CAUTION" or "WARNING" in letters not less than 1/8 inch (3.2 mm) high. The remaining letters shall not be less than 1/16 inch (1.6 mm) high.

52.2 A ~~cautionary~~ The marking shall be located on:

- a) A part that cannot be removed without impairing the operation of the unit; or
- b) A tag complying with the requirements in 52.3, 53.2, and 53.3.

52.3 A ~~cautionary~~ The marking may be provided on a permanent tag that is secured to the input or output cord of a unit. The tag shall be attached in such a way that it cannot be easily removed. The tag shall also be marked "Do not remove this tag," or the equivalent, in letters not less than 3/32 inch (2.4 mm) high.

52.4 A direct plug-in unit having a mounting tab for semipermanent mounting shall be marked - on the unit, a marking tag, or an instruction sheet packed with the unit - with the signal word of 52.1 "CAUTION" and the following mounting instructions or the equivalent:

- a) "Risk of Electric Shock - Disconnect power to the receptacle before installing or removing the unit. When removing receptacle cover screw, cover may fall across plug pins or receptacle may become displaced";
- b) "Use only with duplex receptacle having center screw"; and
- c) "Secure unit in place by receptacle cover screw."

52.5 A direct plug-in unit intended to be semipermanently mounted that exceeds the surface temperature limits specified in Table 33.1 for either metallic or nonmetallic shall be legibly marked where readily visible after installation with the signal word of 52.1 "CAUTION" and the following or the equivalent: "HOT SURFACES - Risk of Burns - Do not touch."

52.6 A unit shall be marked with the signal word of 52.1 "CAUTION" and "Risk of Electric Shock" and the following or the equivalent: "Dry location use only" or "Do not expose to liquid, vapor, or rain."

52.7 A direct plug-in unit that resembles an attachment plug of a power supply cord shall be plainly marked with the signal word of 52.1 "CAUTION" and the following or the equivalent: "Risk of Fire or Electric Shock. Do not replace this plug assembly."

52.8 A unit which employs fusing in both supply conductors shall be marked, where readily visible during servicing, with the signal word of 52.1 "CAUTION" and the following or equivalent: "Risk of Electric Shock. Both sides of line are fused. Test before touching."

Exception: A unit not likely to be serviced need not employ this marking.

52.9 A unit intended to charge batteries shall be marked, where readily visible to the user, with the ~~words "CAUTION—Risk of Injury" or "CAUTION—Risk of Fire"~~ signal word of 52.1 followed by "Risk of Injury" or "Risk of Fire" and one of the following or equivalent:

- a) "Refer to the instruction manual for the size, type, and number of batteries to be charged."
- b) "Charge only [type] type rechargeable batteries."

The [type] shall be filled in with an appropriate descriptor to instruct the user of the battery to be charged. (For example: 12 volt NiCd, AAA size NiCd, C size NiMH, [manufacturer name] Model [battery pack part number])

52.10 With reference to 28.3 and 30.2.3, a multi-output unit shall be marked, where readily visible after installation, with the word "WARNING" and the ~~follow~~ following or equivalent: "Risk of Fire or Electric Shock. Do not interconnect output terminations."

52.12 A unit, as described in 15.3.4, shall be marked with the signal word of 52.1 "CAUTION" and the following or the equivalent: "Risk of Fire. Use only Type SPT-2 or heavier cord, minimum ___ AWG copper." The minimum acceptable size is 18 AWG (0.82 mm²). The marking is to be located adjacent to the terminals or connectors or on a tag attached to the unit.

BSR/UL 1666

Standard for Safety for Test for Flame Propagation Height of Electrical and Optical-Fiber Cables Installed Vertically in Shafts

1. Revision to Scope

1.1 This is a fire test for determining values of flame propagation height for electrical and optical-fiber cables that are for installation vertically in shafts or in vertical runs that penetrate one or more ~~than one~~ floors.

UL 2442 Recirculation dated May 4, 2012

1. Proposed Deletion of 62.13 which Requires the Cycling Test to be Conducted Prior to the Mounting Securement Test

PROPOSAL

62.4 A manually articulating mount shall complete 500 cycles minimum. If after each 500 cycles, the mount will no longer articulate when manually manipulated and does not cause a risk of fire or injury to persons, threaded fasteners or tension adjusters shall be readjusted and the cycling completed. If after adjustment, the mount will no longer articulate when attempting to manipulate manually and does not cause a risk of fire or injury to persons, ~~the lead test shall be performed~~ cycle test shall be concluded.

***UL 2575 - Lithium Ion Battery Systems for Use in Electric Power Tool and Motor Operated,
Heating and Lighting Appliances***

1. Proposal to correct standard title reference error in 29.3.

29.3 The glow-wire test in 29.2 is not carried out on parts of material classified as HB according to the Standard for Fire Hazard Testing - Part ~~2-11-10: Glowing/Hot Wire Based Test Methods—Glow Wire Apparatus and Common Test Procedure~~ Test Flames - 50 W Horizontal and Vertical Flame Test Methods, IEC 60695-11-10, provided that the test sample was no thicker than the relevant part.