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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.

#### 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: May 4, 2008

### IIAR (International Institute of Ammonia Refrigeration)

#### Revisions

BSR/IIAR 2-200x, Equipment, Design, and Installation of Closed-Circuit Ammonia Mechanical Refrigerating Systems (revision of ANSI/IIAR 2-1999)

Applies only to closed-circuit refrigerating systems utilizing ammonia as the refrigerant. This standard was written as a guide to the design, manufacture and installation of closed-circuit ammonia refrigerating systems in industrial occupancies and is not intended to supplant existing safety codes.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to: Kirsten McNeil, IIAR;  
kirsten\_mcneil@iiar.org

### NSF (NSF International)

#### Revisions

BSR/NSF 24-200x (i6), Plumbing system components for recreational vehicles (revision of ANSI/NSF 24-2006)

Issue 6 - To update section 10.1.3 to include body waste and liquid waste inlet sizes consistent with NFPA 1192.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to: Mindy Costello, NSF;  
mcostello@nsf.org; aburr@nsf.org

BSR/NSF 49-200x (i16), Class II (laminar flow) biosafety cabinetry (revision of ANSI/NSF 49-2007)

Issue 16 - To update the name of NSF/ANSI 49 class II (laminar flow) biosafety cabinetry.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to: Mindy Costello, NSF;  
mcostello@nsf.org; aburr@nsf.org

### UL (Underwriters Laboratories, Inc.)

#### Revisions

BSR/UL 5A-200x, Nonmetallic Surface Raceways and Fittings (Proposal dated 4/4/08) (revision of ANSI/UL 5A-2003)

Proposes to revise requirements for the flush duplex receptacle securement (4.7.3) and the conduit identification marking (7.4).

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to: Paul Lloret, UL-CA;  
Paul.E.Lloret@us.ul.com

BSR/UL 444-200x, Standard for Communications Cables (revision of ANSI/UL 444-2006)

Provides additional revisions to the proposed fourth edition of the Standard for Communications Cables, UL 444.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to: Mitchell Gold, UL-IL;  
Mitchell.Gold@us.ul.com

BSR/UL 551-200x, Standard for Safety for Transformer-Type Arc-Welding Machines (revision of ANSI/UL 551-1998)

Proposes a change in the scope of the standard to limit coverage to hobby welders only.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to: Jeffrey Prusko, UL-IL;  
Jeffrey.Prusko@us.ul.com

BSR/UL 924-200x, Emergency Lighting and Power Equipment (revision of ANSI/UL 924-2006)

- 1) Revises the definitions for automatic load control relay and central station battery lighting and power systems;
- 2) Provides a new definition for floor proximity exit sign;
- 3) Revises the test method for standby rating input test;
- 4) Revises the photoluminescent sign conditioning and activation levels;
- 5) Deletes the requirement that photoluminescent signs in accordance with Supplement G are for use only indoors;
- 6) Requires overload and endurance testing of relays; and
- 7) Adds required marking of relays based on type of load.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to: Barbara Davis, UL-CA,  
Barbara.J.Davis@us.ul.com

BSR/UL 1484-200x, Residential Gas Detectors (revision of ANSI/UL 1484-2004)

Includes an end-of-life signal for gas alarms.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to: Kristin Andrews, UL-CA;  
Kristin.L.Andrews@us.ul.com

## Comment Deadline: May 19, 2008

### AAMI (Association for the Advancement of Medical Instrumentation)

#### Reaffirmations

BSR/AAMI BE78-2002 (R200x), Biological evaluation of medical devices, Part 10: Tests for irritation and delayed type hypersensitivity (reaffirmation of ANSI/AAMI BE78-2002)

Describes a procedure for assessing the potential of medical devices and their constituent materials to produce irritation and delayed-type hypersensitivity. Includes pretest considerations, details of the test procedures, and key factors for the interpretation of the results.

Single copy price: Print or PDF: \$50.00 (AAMI members), \$95.00 (list)

Obtain an electronic copy from:

<http://marketplace.aami.org/eseries/ScriptContent/Index.cfm>

Order from: AAMI Customer Service; 1-877-249-8226

Send comments (with copy to BSR) to: Sonia Balboni, AAMI;  
sbalboni@aami.org

BSR/AAMI BE78-2002/A1-2006 (R200x), Biological evaluation of medical devices - Part 10: Tests for irritation and delayed-type hypersensitivity - Amendment 1 (reaffirmation of ANSI/AAMI BE78-2002/A1-2006)

Provides Amendment 1 to ANSI/AAMI BE78: 2002.

Single copy price: Free

Obtain an electronic copy from: <http://marketplace.aami.org>

Order from: AAMI Customer Service; 1-877-249-8226

Send comments (with copy to BSR) to: Sonia Balboni, AAMI; [sbalboni@aami.org](mailto:sbalboni@aami.org)

## ATIS (Alliance for Telecommunications Industry Solutions)

### Revisions

BSR ATIS 0600319-200x, Equipment Assemblies - Fire Propagation Risk Assessment Criteria (revision of ANSI T1.319-2002)

Provides fire propagation hazard risk assessment criteria for equipment assemblies used in telecommunications network equipment environments.

Single copy price: \$130.00

Obtain an electronic copy from: [kconn@atis.org](mailto:kconn@atis.org)

Order from: Kerriane Conn, ATIS; [kconn@atis.org](mailto:kconn@atis.org)

Send comments (with copy to BSR) to: Same

## BHMA (Builders Hardware Manufacturers Association)

### Revisions

BSR/BHMA A156.4-200x, Door Controls - Closers (revision of ANSI/BHMA A156.4-2000)

Contains requirements for door closers that are surface mounted, concealed in the door, overhead concealed, or concealed in the floor. Also included are pivots for floor closers. Criteria for conformance include cycle, operational, closing force and finish tests. Optional tests, which shall be specified separately, are also included.

Single copy price: \$12.00 (BHMA Members)/\$24.00 (Non-Members)

Obtain an electronic copy from: [mtierny@kellencompany.com](mailto:mtierny@kellencompany.com)

Order from: Michael Tierney, BHMA; [mtierney@kellencompany.com](mailto:mtierney@kellencompany.com)

Send comments (with copy to BSR) to: Same

## HL7 (Health Level Seven)

### Reaffirmations

BSR/HL7 V2 XML-2003 (R200x), HL7 Version 2: XML Encoding Syntax, Release 1 (reaffirmation of ANSI/HL7 V2 XML-2003)

This standard will be 5 years old in June 2008. HL7 wishes to reaffirm this standard.

Single copy price: \$50.00

Obtain an electronic copy from: [Karenvan@HL7.org](mailto:Karenvan@HL7.org)

Order from: Karen Van Hentenryck, HL7; [karenvan@HL7.org](mailto:karenvan@HL7.org)

Send comments (with copy to BSR) to: Same

## HPS (ASC N13) (Health Physics Society)

### New Standards

BSR N13.59-200x, Characterization in Support of Decommissioning, Using the Data Quality Objectives Process (new standard)

Provides guidance for performing characterizations of land areas and structures in support of decommissioning. The scope of this standard is geared toward radiological characterization. However, if nonradiological contaminants are potentially present, it is beneficial to integrate radiological and nonradiological characterization activities.

Single copy price: \$15.00

Obtain an electronic copy from: [njohnson@burkinc.com](mailto:njohnson@burkinc.com)

Order from: Nancy Johnson, HPS (ASC N13); [njohnson@burkinc.com](mailto:njohnson@burkinc.com)

Send comments (with copy to BSR) to: Same

## NALFA (North American Laminate Flooring Association)

### Revisions

BSR/NALFA LF-01-200x, Laminate Flooring Specifications and Test Methods (revision of ANSI/NALFA LF-01-2003)

Applies to the performance of residential and commercial use laminate flooring. The standard will be useful in guiding manufacturers and educating suppliers and consumers about the minimum performance of laminate flooring in residential, light commercial, commercial and heavy commercial use settings.

Single copy price: Free

Obtain an electronic copy from: [dgoch@wc-b.com](mailto:dgoch@wc-b.com)

Order from: David Goch, NALFA; [dgoch@wc-b.com](mailto:dgoch@wc-b.com)

Send comments (with copy to BSR) to: Same

## NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)

### Addenda

BSR/NB-23 2007 Edition with 2008 Addendum, Cycle B-200x, National Board Inspection Code (addenda to ANSI/NB 23-2006)

Provides rules and guidelines for the in-service inspection, installation, repair and alteration of pressure-retaining items and in-service inspection and repair of pressure relief valves.

Single copy price: N/A

Obtain an electronic copy from: [rrough@nationalboard.org](mailto:rrough@nationalboard.org)

Order from: Robin Hough, NBBPVI; [rrough@nationalboard.org](mailto:rrough@nationalboard.org)

Send comments (with copy to BSR) to: Same

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

### Reaffirmations

BSR CGATS.7-2003 (R200x), Graphic technology - Pallet loading for printed materials (reaffirmation of ANSI CGATS.7-2003)

Specifies the stacking, unitizing, protection and labeling of palletized printed materials. It also specifies the functional design of pallets used to transport printed materials and gives specifications for their loading onto delivery vehicles.

Single copy price: \$20.00

Obtain an electronic copy from: [mabbott@npes.org](mailto:mabbott@npes.org)

Order from: Mary Abbott, NPES (ASC CGATS); [mabbott@npes.org](mailto:mabbott@npes.org)

Send comments (with copy to BSR) to: Same

**NSF (NSF International)****Revisions**

BSR/NSF 4-200x (i14), Commercial cooking, rethermalization, and powered hot food holding and transport equipment (revision of ANSI/NSF 4-2002)

Issue 14 - To update the requirement for hollow sections of dry heat oven doors in 5.9.5.1.

Single copy price: Free

Obtain an electronic copy from:

[http://standards.nsf.org/apps/group\\_public/download.php/811/4i14r3.pdf](http://standards.nsf.org/apps/group_public/download.php/811/4i14r3.pdf)

Order from: Lorna Badman, NSF; [badman@nsf.org](mailto:badman@nsf.org)

Send comments (with copy to BSR) to: Same

BSR/NSF 6-200x (i7), Dispensing freezers (revision of ANSI/NSF 6-2007)

Issue 7 - To include and modify language to be consistent with the boilerplate language in ANSI/NSF 2, Food Equipment. The test method on Heat Treatment Cycle - Product Heating is being modified to reflect the format used in ANSI/NSF 7, Dispensing Freezers - 6.10 Performance - Storage Refrigerators and Refrigerated Food Transport Cabinets.

Single copy price: Free

Obtain an electronic copy from:

[http://standards.nsf.org/apps/group\\_public/download.php/820/6i7r2.pdf](http://standards.nsf.org/apps/group_public/download.php/820/6i7r2.pdf)

Order from: Lorna Badman, NSF; [badman@nsf.org](mailto:badman@nsf.org)

Send comments (with copy to BSR) to: Same

BSR/NSF 59-200x (i4), Mobile food carts (revision of ANSI/NSF 59-2002e)

Issue 4 - To expand the scope to include kiosks, incorporate "boilerplate" language from the revised ANSI/NSF 2 and allow the use of ColiScan (R) MF and CHROMagarTM for the recovery and enumeration of Escherichia coli 11229 for the In Place Cleaning assay.

Single copy price: Free

Obtain an electronic copy from:

[http://standards.nsf.org/apps/group\\_public/documents.php](http://standards.nsf.org/apps/group_public/documents.php)

Order from: Lorna Badman, NSF; [badman@nsf.org](mailto:badman@nsf.org)

Send comments (with copy to BSR) to: Same

**SCTE (Society of Cable Telecommunications Engineers)****New Standards**

BSR/SCTE 146-200x, Outdoor "F" Female to "F" Female Inline Splice (new standard)

Recommends mechanical and electrical standards for 75-ohm broadband radio frequency (RF) devices.

Single copy price: \$50.00

Obtain an electronic copy from: [Standards@scte.org](mailto:Standards@scte.org)

Order from: Global Engineering Documents; [www.global.ihs.com](http://www.global.ihs.com)

Send comments (with copy to BSR) to: Stephen Oksala, SCTE; [soksala@scte.org](mailto:soksala@scte.org)

BSR/SCTE 147-200x, Specification for 75 ohm, Inline Attenuators (new standard)

Provides the mechanical, electrical and environmental requirements for 75-ohm "F"-type inline attenuators generally used for indoor applications. This specification in no way should limit or restrict any manufacturers from innovative designs and product improvements.

Single copy price: \$50.00

Obtain an electronic copy from: [Standards@scte.org](mailto:Standards@scte.org)

Order from: Global Engineering Documents; [www.global.ihs.com](http://www.global.ihs.com)

Send comments (with copy to BSR) to: Stephen Oksala, SCTE; [soksala@scte.org](mailto:soksala@scte.org)

BSR/SCTE 148-200x, Specification for Male "F" Terminator, 75 ohm (new standard)

Specifies requirements of the Male "F" Terminators that are used on "F" ports as specified in ANSI/SCTE 01-2006 and ANSI/SCTE 02-2006. This specification in no way should limit or restrict any manufacturers from innovative designs and product improvements.

Single copy price: \$50.00

Obtain an electronic copy from: [standards@scte.org](mailto:standards@scte.org)

Order from: Global Engineering Documents; [www.global.ihs.com](http://www.global.ihs.com)

Send comments (with copy to BSR) to: Stephen Oksala, SCTE; [soksala@scte.org](mailto:soksala@scte.org)

**Revisions**

BSR/SCTE 52-200x, Data Encryption Standard - Cipher Block Chaining Packet Encryption Specification (revision of ANSI/SCTE 52-2003)

Defines a method for encrypting MPEG-2 transport stream packets using the Data Encryption Standard (DES) Cipher Block Chaining (CBC) encryption standard.

Single copy price: \$50.00

Obtain an electronic copy from: [Standards@scte.org](mailto:Standards@scte.org)

Order from: Global Engineering Documents; [www.global.ihs.com](http://www.global.ihs.com)

Send comments (with copy to BSR) to: Stephen Oksala, SCTE; [soksala@scte.org](mailto:soksala@scte.org)

BSR/SCTE 65-200x, Service Information Delivered Out-Of-band for Digital Cable Television (revision of ANSI/SCTE 65-2002)

Defines a standard for Service Information (SI) delivered out-of-band on cable. This standard is designed to support "navigation devices" on cable. The current specification defines the syntax and semantics for a standard set of tables providing the data necessary for such a device to discover and access digital and analog services offered on cable.

Single copy price: \$50.00

Obtain an electronic copy from: [Standards@scte.org](mailto:Standards@scte.org)

Order from: Global Engineering Documents; [www.global.ihs.com](http://www.global.ihs.com)

Send comments (with copy to BSR) to: Stephen Oksala, SCTE; [soksala@scte.org](mailto:soksala@scte.org)

**SMACNA (Sheet Metal and Air-Conditioning Contractors' National Association)****Revisions**

BSR/SMACNA 001-200x, Seismic Restraint Manual: Guidelines for Mechanical Systems (revision of ANSI/SMACNA 001-2000)

Provides an updated set of flexible guidelines that shows designers and contractors how to determine the correct restraints for sheet metal ducts, piping and conduit, so that they are more likely to remain attached to the building during an earthquake. The manual shows how very low- and very high-risk areas of the country can be accommodated. Meets California Building Code, Title 24, Part 2 and International Building Code, 2006 for bracing ductwork, piping and conduit.

Single copy price: Free

Obtain an electronic copy from: [sbaker@smacna.org](mailto:sbaker@smacna.org)

Send comments (with copy to BSR) to: Peyton Collie, SMACNA; [pcollie@smacna.org](mailto:pcollie@smacna.org)

**TIA (Telecommunications Industry Association)*****New National Adoptions***

BSR/TIA 455-226-A-200x, FOTP226 - Calibration of Optical Time-Domain Reflectometers (OTDR's) (identical national adoption and revision of ANSI/TIA 455-226-2002)

Provides procedures for calibrating single-mode optical time domain reflectometers (OTDR). It only covers OTDR measurement errors and uncertainties

Single copy price: \$55.00

Obtain an electronic copy from: [global@ihs.com](mailto:global@ihs.com)

Order from: Global Engineering Documents; [www.global.ihs.com](http://www.global.ihs.com)

Send comments (with copy to BSR) to: Marianna Kramarikova, TIA; [mkramarikova@tiaonline.org](mailto:mkramarikova@tiaonline.org)

BSR/TIA 455-231-A-200x, IEC 61315 - Calibration of Fibre-Optic Power Meters (identical national adoption and revision of ANSI/TIA 455-231-2003)

Applies to instruments measuring radiant power emitted from sources that are typical for the fibre-optic communications industry. These sources include laser diodes, light emitting diodes (LEDs), and fibre-type sources. The radiation may be divergent or collimated. The standard describes the calibration of power meters to be performed by calibration laboratories or by power meter manufacturers.

Single copy price: \$57.00

Obtain an electronic copy from: [global@ihs.com](mailto:global@ihs.com)

Order from: Global Engineering Documents; [www.global.ihs.com](http://www.global.ihs.com)

Send comments (with copy to BSR) to: Marianna Kramarikova, TIA; [mkramarikova@tiaonline.org](mailto:mkramarikova@tiaonline.org)

***Revisions***

BSR/TIA 102.CAAA-C-200x, Digital C4FM/CQPSK Transceiver Measurement Methods (revision of ANSI/TIA 102.CAAA-B-2004)

Provides definition, methods of measurement, and performance standards for radio equipment used in the Private (Dispatch) Land Mobile Services that employ C4FM or CQPSK modulation, for transmission and reception of voice or data using digital techniques, with or without encryption, with a frequency of 1 GHz or less.

Single copy price: \$239.00

Obtain an electronic copy from: TIA

Order from: Global Engineering Documents; [www.global.ihs.com](http://www.global.ihs.com)

Send comments (with copy to BSR) to: Ronda Coulter, TIA; [rcoulter@tiaonline.org](mailto:rcoulter@tiaonline.org)

BSR/TIA 455-224-A-200x, FOTP224 - Calibration of Fibre Optic Chromatic Dispersion Test Sets (revision of ANSI/TIA 455-224-2002)

Provides standard procedures for the calibration of optical fibre chromatic dispersion (CD) test sets. It also provides procedures to perform calibration checking on CD test sets whereby an extension to the test set calibration period may be obtained.

Single copy price: \$62.00

Obtain an electronic copy from: [global@ihs.com](mailto:global@ihs.com)

Order from: Global Engineering Documents; [www.global.ihs.com](http://www.global.ihs.com)

Send comments (with copy to BSR) to: Marianna Kramarikova, TIA; [mkramarikova@tiaonline.org](mailto:mkramarikova@tiaonline.org)

**UAMA (ASC B74) (Unified Abrasive Manufacturers' Association)*****Reaffirmations***

BSR B74.11-1993 (R200x), Specifications for Tumbling Chip Abrasives (reaffirmation of ANSI B74.11-1993 (R2003))

Applies to random-shaped tumbling chips commonly used in tumbling or vibratory barrels for the finishing of a variety of parts.

Single copy price: \$14.00

Obtain an electronic copy from: [sab@wherryassoc.com](mailto:sab@wherryassoc.com)

Order from: Sharyn Berki, UAMA (ASC B74); [sab@wherryassoc.com](mailto:sab@wherryassoc.com)

Send comments (with copy to BSR) to: J. Jeffrey Wherry, UAMA (ASC B74); [jvw@wherryassoc.com](mailto:jvw@wherryassoc.com); [djh@wherryassoc.com](mailto:djh@wherryassoc.com)

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

BSR/UL 19-200x, Standard for Safety for Lined Fire Hose and Hose Assemblies (new standard)

Covers single- and multiple-jacketed lined fire hose, with or without couplings attached, in the trade sizes of 1-1/2, 1-3/4, 2, 2-1/2, 3, 3-1/2, 4, 5, and 6 inch (38, 45, 51, 65, 76, 89, 102, 127, and 152 mm) nominal ID. Single-jacketed hose is intended for service test pressures of 150, 200, or 250 psig (1035, 1380, or 1725 kPa). Multiple-jacketed hose or covered hose judged equivalent to multiple-jacketed hose is intended for service test pressures of 200, 300, or 400 psig (1380, 2070, or 2760 kPa).

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 BSR) to: Jeffrey Prusko, UL-IL; [Jeffrey.Prusko@us.ul.com](mailto:Jeffrey.Prusko@us.ul.com)

BSR/UL 219-200x, Standard for Safety for Lined Fire Hose for Interior Standpipes (new standard)

Covers lined interior standpipe fire hose in the 1-1/2 and 2-1/2 inch sizes that is intended:

- (a) For fire-protection purposes only;
- (b) For use with inside standpipes installed in accordance with the Standard for the Installation of Standpipe and Hose Systems, NFPA 14; and
- (c) For use on hose racks and reels and in cabinets where the specific combination of hose and rack, reel, or cabinet has been investigated and found acceptable.

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 BSR) to: Jeffrey Prusko, UL-IL; [Jeffrey.Prusko@us.ul.com](mailto:Jeffrey.Prusko@us.ul.com)

BSR/UL 1004-1-200x, Standard for Safety for Rotating Electrical Machines - General Requirements (Proposal dated 4-4-08) (new standard)

Provides revisions to the UL 1004-1 proposed first edition, dated

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 BSR) to: Jonette Herman, UL-NC; [Jonette.A.Herman@us.ul.com](mailto:Jonette.A.Herman@us.ul.com)

BSR/UL 1004-3-200x, Standard for Safety for Thermally Protected Motors (Proposal dated 4-4-08) (new standard)

Provides revisions to the UL 1004-3 proposed first edition, dated

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 BSR) to: Jonette Herman, UL-NC; [Jonette.A.Herman@us.ul.com](mailto:Jonette.A.Herman@us.ul.com)

BSR/UL 1004-4 -200x, Standard for Safety for Electric Generators  
(Proposal dated 4-4-08) (new standard)

Provides revisions to the UL 1004-4 proposed first edition, dated

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 BSR) to: Jonette Herman, UL-NC;  
Jonette.A.Herman@us.ul.com

### Revisions

BSR/UL 153-200x, Portable Electric Luminaires (revision of ANSI/UL  
153-2005)

The following topics are being recirculated:

- (7) Addition of GU24 holder and self-ballasted lamp requirements;
- (11) Revision of requirements for accessible uninsulated Class 2 circuits;
- (25) Revision of 1.7 to add examples of products that are covered by UL 962 rather than UL 153; and
- (28) Revision of torchiere requirements to comply with Federal Energy Policy Act of 2005.

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 BSR) to: Heather Sakellariou, UL-IL;  
Heather.Sakellariou@us.ul.com

BSR/UL 723-200x, Test for Surface Burning Characteristics of Building  
Materials (revision of ANSI/UL 723-2005)

Covers:

- (1) Update the current brick specifications;
- (2) Remove the requirement for a chart recorder;
- (3) Clarify sample conditioning;
- (4) Add the preparation and mounting of test specimens in accordance with ASTM practices and delete redundant requirements;
- (5) Clarify percent obscuration on the red oak smoke density figure;
- (6) Add the moisture meter as an alternate means of determining red oak moisture content;
- (7) Add details for calibration frequency;
- (8) Clarify photocell output recording;
- (9) Remove requirements for a chart recorder and the plotting of temperature; and
- (10) Remove requirements for a chart recorder and allowance for soot accumulation on the photocell.

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 BSR) to: Megan Van Heirseese, UL-IL;  
Megan.M.VanHeirseese@us.ul.com

### Reaffirmations

BSR/UL 875-2004 (R200x), Electric Dry-Bath Heaters (reaffirmation of  
ANSI/UL 875-2004)

Covers electric dry-bath heating equipment and other equipment rated 600 volts or less that is intended to produce a dry-heat environment to be installed in accordance with the "American National Standard National Electrical Code," ANSI/NFPA 70. Relative humidity in the heated environment is 10 - 25 percent and the purpose is to promote perspiration in a short time by means of a warm and dry atmosphere.

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 BSR) to: Barbara Davis, UL-CA,  
Barbara.J.Davis@us.ul.com

BSR/UL 1261-2004 (R200x), Electric Water Heaters for Pools and Tubs  
(reaffirmation of ANSI/UL 1261-2004)

Covers permanently installed electric water heaters, rated 600 volts or less, for heating water supplied through plumbing to separately heated public or private pools or tubs, in which swimming, wading, bathing, or partial or total immersion of persons, may be involved. This equipment is intended for installation in accordance with the National Electrical Code, NFPA 70. These requirements do not cover household storage tank water heaters.

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 BSR) to: Barbara Davis, UL-CA,  
Barbara.J.Davis@us.ul.com

BSR/UL 2360-2004 (R200x), Test Methods for Determining the  
Combustibility Characteristics of Plastics Used in Semi-Conductor  
Tool Construction (reaffirmation of ANSI/UL 2360-2004)

Covers the test methods for measuring the fire performance of sheet plastics used in semi-conductor wet bench tool construction.

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 BSR) to: Marcia Kawate, UL-CA,  
Marcia.M.Kawate@us.ul.com

## VITA (VMEbus International Trade Association (VITA))

### New Standards

BSR/VITA 51.0-200x, Reliability Prediction (new standard)

Provides an electronics failure-rate-prediction methodology and self-assessment standard.

Single copy price: Free

Obtain an electronic copy from: [techdir@vita.com](mailto:techdir@vita.com)

Send comments (with copy to BSR) to: John Rynearson, VITA;  
[techdir@vita.com](mailto:techdir@vita.com)

BSR/VITA 51.1-200x, Reliability Prediction MIL-HDBK 217 Subsidiary  
Specification (new standard)

Provides a standard method of performing reliability predictions on COTS modules using MIL-HDBK-217F Notice 2.

Single copy price: Free

Obtain an electronic copy from: [techdir@vita.com](mailto:techdir@vita.com)

Send comments (with copy to BSR) to: John Rynearson, VITA;  
[techdir@vita.com](mailto:techdir@vita.com)

BSR/VITA 57.1-200x, FPGA Mezzanine Card (FMC) Standard (new  
standard)

Creates an I/O mezzanine module, which works intimately with an FPGA processing device.

Single copy price: Free

Obtain an electronic copy from: [techdir@vita.com](mailto:techdir@vita.com)

Send comments (with copy to BSR) to: John Rynearson, VITA;  
[techdir@vita.com](mailto:techdir@vita.com)

## Comment Deadline: June 3, 2008

Reaffirmations and withdrawals available electronically may be accessed at: [webstore.ansi.org](http://webstore.ansi.org)

### ASME (American Society of Mechanical Engineers)

#### Reaffirmations

BSR/ASME B18.3-2003 (R200x), Socket Cap, Shoulder, and Set Screws, Hex and Spline Keys (Inch Series) (reaffirmation of ANSI/ASME B18.3-2003)

Covers complete general and dimensional data for various types of hexagon and spline (fluted) socket cap screws, shoulders screws, set screws, and hexagon and spline keys recognized as an American National Standard.

Single copy price: \$60.00

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

Order from: Mayra Santiago, ASME; [ANSIBOX@asme.org](mailto:ANSIBOX@asme.org)

Send comments (with copy to BSR) to: Angel Guzman, ASME; [guzman@asme.org](mailto:guzman@asme.org)

BSR/ASME B18.3.1M-1986 (R200x), Socket Head Cap Screws (Metric Series) (reaffirmation of ANSI/ASME B18.3.1M-1986 (R2002))

Contains complete general and dimensional data for metric series hexagon socket head cap screws in sizes from 1.6 mm to 48 mm and for metric series spline socket head cap screws in sizes from 1.6 mm to 8 mm recognized as American National Standard.

Single copy price: \$35.00

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

Order from: Mayra Santiago, ASME; [ANSIBOX@asme.org](mailto:ANSIBOX@asme.org)

Send comments (with copy to BSR) to: Angel Guzman, ASME; [guzman@asme.org](mailto:guzman@asme.org)

BSR/ASME B18.3.2M-1979 (R200x), Metric Series Hexagon Keys and Bits (reaffirmation of ANSI/ASME B18.3.2M-1979 (R2003))

Contains the complete dimensional, mechanical and performance requirements for Metric Series Hexagon Keys and Bits of nominal sizes from 0.7 mm to 36 mm recognized as American National Standard. They are primarily intended to be used for tightening and loosening metric series hexagon socket screw products but may also be suitable for use on other products having metric hexagon socket wrenching provisions.

Single copy price: \$35.00

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

Order from: Mayra Santiago, ASME; [ANSIBOX@asme.org](mailto:ANSIBOX@asme.org)

Send comments (with copy to BSR) to: Angel Guzman, ASME; [guzman@asme.org](mailto:guzman@asme.org)

BSR/ASME B18.3.3M-1986 (R200x), Hexagon Socket Head Shoulder Screws (Metric Series) (reaffirmation of ANSI/ASME B18.3.3M-1986 (R2002))

Contains complete dimensional, mechanical, and performance requirements for Metric Series Hexagon Socket Head Shoulder Screws with nominal shoulder diameters from 6.5 mm to 25 mm recognized as American National Standard.

Single copy price: \$35.00

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

Order from: Mayra Santiago, ASME; [ANSIBOX@asme.org](mailto:ANSIBOX@asme.org)

Send comments (with copy to BSR) to: Angel Guzman, ASME; [guzman@asme.org](mailto:guzman@asme.org)

BSR/ASME B18.3.4M-1986 (R200x), Hexagon Socket Button Head Cap Screws (Metric Series) (reaffirmation of ANSI/ASME B18.3.4M-1986 (R2002))

Contains the complete general and dimensional requirements for Metric Series Hexagon Socket Button Head Cap Screws of nominal sizes from 3 mm to 16 mm recognized as an American National Standard.

Single copy price: \$35.00

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

Order from: Mayra Santiago, ASME; [ANSIBOX@asme.org](mailto:ANSIBOX@asme.org)

Send comments (with copy to BSR) to: Angel Guzman, ASME; [guzman@asme.org](mailto:guzman@asme.org)

BSR/ASME B18.3.5M-1986 (R200x), Hexagon Socket Flat Countersunk Head Cap Screws (Metric Series) (reaffirmation of ANSI/ASME B18.3.5M-1986 (R2002))

Contains complete general and dimensional requirements for Metric Series Hexagon Socket Flat Countersunk Head Cap Screws of nominal sizes from 3 mm to 20 mm recognized as American National Standard.

Single copy price: \$35.00

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

Order from: Mayra Santiago, ASME; [ANSIBOX@asme.org](mailto:ANSIBOX@asme.org)

Send comments (with copy to BSR) to: Angel Guzman, ASME; [guzman@asme.org](mailto:guzman@asme.org)

BSR/ASME B18.3.6M-1986 (R200x), Metric Series Socket Set Screws (reaffirmation of ANSI/ASME B18.3.6M-1986 (R2002))

Contains complete general and dimensional requirements for metric series socket set screws of nominal sizes from 1.6 mm to 24 mm recognized as American National Standard.

Single copy price: \$35.00

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

Order from: Mayra Santiago, ASME; [ANSIBOX@asme.org](mailto:ANSIBOX@asme.org)

Send comments (with copy to BSR) to: Angel Guzman, ASME; [guzman@asme.org](mailto:guzman@asme.org)

### ASSE (American Society of Sanitary Engineering)

#### Revisions

BSR/ASSE 1071-2008, Performance Requirements for Temperature Actuated Mixing Valves for Plumbed Emergency Equipment (revision of ANSI/ASSE 1017-1999)

Describes temperature-actuated mixing valves for plumbed emergency equipment, including eyewash, eye/face wash, drench showers, and combination units are intended to be installed in systems that comply with ANSI Z358.1.

Single copy price: \$50.00

Obtain an electronic copy from: [www.ihf.com](http://www.ihf.com)

Order from: Elaine Matheison, ASSE (Organization); [elaine@asse-plumbing.org](mailto:elaine@asse-plumbing.org)

Send comments (with copy to BSR) to: Shannon Corcoran, ASSE (Organization); [shannon@asse-plumbing.org](mailto:shannon@asse-plumbing.org)

### EOS/ESD (ESD Association, Inc.)

#### Revisions

BSR/ESD STM2.1-200x, Test Method for the Protection of Electrostatic Discharge Susceptible Items - Garments - Resistive Characterization (revision of ANSI/ESD STM2.1-1997)

Provides test methods for evaluating the electrical resistance of static control garments. This document applies to all types of outer garments used for static control applications.

Single copy price: \$50.00 (ESD Members); \$70.00 (Non-Members)

Order from: Bridget Schneegas, EOS/ESD; [bschneegas@esda.org](mailto:bschneegas@esda.org)

Send comments (with copy to BSR) to: Same

## Draft Standards for Trial Use

In accordance with Annex B: Draft American National Standards for trial use of the ANSI Essential Requirements, the availability of the following draft standard for trial use is announced:

**Trial use period: March 27, 2008 through March 27, 2009**

### HL7 (Health Level Seven)

BSR/HL7 V3 GIN, R1-200x, HL7 Version 3 Standard: Patient Safety; Generic Incident Notification, Release 1 (TRIAL USE STANDARD) (trial use standard)

Describes a generalized notification report format used for unintended, expected or unexpected incident(s) that could have or did lead to harm for one or more patients receiving health care services. This message can be implemented within a healthcare institution for localized reporting or for reporting to regional or national authorities. Anonymous reporting is allowed to protect the patient/staff's privacy. A separate ballot document will be submitted at a later date for the Root cause and Underlying factors Message (RUM).

Single copy price: Free

Order from:

[http://www.hl7.org/documentcenter/ballots/2007SEP/support/v3\\_genericincidentreporting\\_2007oct.zip](http://www.hl7.org/documentcenter/ballots/2007SEP/support/v3_genericincidentreporting_2007oct.zip)

Send comments (with copy to BSR) to:

<http://www.hl7.org/dstucomments/index.cfm>

## Technical Reports Registered with ANSI

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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](mailto:psa@ansi.org).

**Comment Deadline: May 4, 2008**

### ISA (ISA)

ANSI/ISA TR96.05.01-2008, Partial Stroke Testing of Automated Block Valves (TECHNICAL REPORT) (technical report)

Provides guidance on the following:

- Identifying when partial stroke testing may be useful;
- Various criteria to consider when selecting the partial stroke method, e.g., automated versus manual test execution, spurious trip potential, and on-line maintainability;
- The advantages and disadvantages of three basic types of partial stroke test methods: mechanical limiting, positioners, and solenoid operated valves; and
- The use of diagnostic coverage factors in the performance calculations for an automated block valve being partial stroke tested periodically.

Single copy price: Not yet available to general public

Obtain an electronic copy from: [ebeattie@isa.org](mailto:ebeattie@isa.org)

Order from: Eliana Beattie, ISA (Organization); [ebeattie@isa.org](mailto:ebeattie@isa.org)

Send comments (with copy to BSR) 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/SAE AIR 2000D, Aerospace Fluid System Standards, Metric, National and International

ANSI/SAE J19-AUG97, Latex-Dipped Goods and Coatings for Automotive Applications

ANSI/SAE J20-OCT97, Coolant System Hoses

ANSI/SAE J30-JUN98, Fuel and Oil Hoses

ANSI/SAE J47-JUL98, Maximum Sound Level Potential for Motorcycles

ANSI/SAE J51-AUG98, Automotive Air Conditioning Hose

ANSI/SAE J58-MAY98, Flanged 12-Point Screw

ANSI/SAE J67-JUL98, Shovel Dipper, Clam Bucket, and Dragline Bucket Rating

ANSI/SAE J78-MAY98, Steel Self-Drilling Tapping Screws

ANSI/SAE J81-SEP97, Thread Rolling Screws

ANSI/SAE J82-MAY98, Mechanical and Quality Requirements for Machine Screws

ANSI/SAE J110-DEC97, Seals - Testing of Radial Lip

ANSI/SAE J122-MAY98, Surface Discontinuities on Nuts

ANSI/SAE J131-OCT97, Motorcycle Turn Signal Lamps

ANSI/SAE J141-JUN95, Seat Belt Hardware Performance Requirements

ANSI/SAE J174-MAY98, Torque - Tension Test Procedure for Steel Threaded Fasteners - Inch Series

ANSI/SAE J174M-MAY98, Torque - Tension Test Procedure for Steel Threaded Fasteners - Metric Series

ANSI/SAE J182-AUG97, Motor Vehicle Fiducial Marks and Three-Dimensional Reference System

ANSI/SAE J188-JAN98, Power Steering Pressure Hose - High Volumetric Expansion Type

ANSI/SAE J189-JAN98, Power Steering Return Hose - Low Pressure

ANSI/SAE J190-MAY98, Power Steering Pressure Hose-Wire Braid

ANSI/SAE J191-MAY98, Power Steering Pressure Hose - Low Volumetric Expansion Type

ANSI/SAE J200-MAR98, Classification System for Rubber Materials



ANSI/SAE J212-JAN98, Brake System Dynamometer Test Procedures - Passenger Car	ANSI/SAE J573-JUN98, Miniature Lamp Bulbs
ANSI/SAE J220-JUL98, Crane Boomstop	ANSI/SAE J581-JUN98, Auxiliary Driving Lamps
ANSI/SAE J238-MAY98, Nut and Conical Spring Washer Assemblies	ANSI/SAE J584-JUN98, Motorcycle Headlamps
ANSI/SAE J306-JUL98, Automotive Gear Lubricant Viscosity Classification, Axle and Manual Transmission	ANSI/SAE J594-JUL95, Reflex Reflectors
ANSI/SAE J312-JUL98, Automotive Gasolines	ANSI/SAE J599-AUG97, Lighting Inspection Code
ANSI/SAE J313-MAR98, Diesel Fuels	ANSI/SAE J626-AUG98, Diesel Fuel Injection - End Mounting Flanges for Fuel Injection Pumps
ANSI/SAE J318-AUG97, Automotive Air Brake Line Couplers (Gladhands)	ANSI/SAE J631-SEP98, Radiator Nomenclature
ANSI/SAE J323-JUL98, Test Method for Determining Cold Cracking of Flexible Plastic Materials	ANSI/SAE J636-AUG97, V-Belts and Pulleys
ANSI/SAE J370-MAY98, Bolt and Capscrew Sizes for Use in Construction and Industrial Machinery	ANSI/SAE J637-AUG97, Automotive V-Belt Drives
ANSI/SAE J377-MAY98, Performance of Vehicle Traffic Horns	ANSI/SAE J661-FEB97, Brake Lining Quality Test Procedure
ANSI/SAE J386-NOV97, Seat Belts for Construction Machines	ANSI/SAE J684-JUN98, Trailer Couplings, Hitches, and Safety Chains - Automotive Type
ANSI/SAE J405-JUN98, Chemical Compositions of SAE Wrought Stainless Steels	ANSI/SAE J694-AUG98, Disc Wheel/Hub or Drum Interface Dimensions - Commercial Vehicles
ANSI/SAE J406-MAY98, Methods of Determining Hardenability of Steels	ANSI/SAE J773-MAY98, Conical Spring Washers
ANSI/SAE J423-FEB98, Methods of Measuring Case Depth	ANSI/SAE J820-JUL98, Crane Hoist Line Speed and Power Test Code
ANSI/SAE J429-MAY98, Mechanical and Material Requirements for Externally Threaded Fasteners	ANSI/SAE J831-MAR98, Electrical Definitions
ANSI/SAE J430-MAY98, Mechanical and Chemical Requirements for Nonthreaded Fasteners Carbon Steel Solid Rivets	ANSI/SAE J839-SEP98, Passenger Car Side Door Latch Systems
ANSI/SAE J482-MAY98, Hexagon High Nuts	ANSI/SAE J840-JUN98, Test Procedures for Brake Shoe and Lining Bonds
ANSI/SAE J483-MAY98, Crown (Blind, Acorn) Nuts	ANSI/SAE J844-JUN98, Nonmetallic Air Brake System Tubing
ANSI/SAE J485-MAY98, Holes in Bolt and Screw Shanks and Slots in Nuts for Cotter Pins	ANSI/SAE J845-MAY97, 360 Degree Warning Lamp for Authorized Emergency Maintenance and Service Vehicles
ANSI/SAE J514-JUN98, Hydraulic Tube Fittings	ANSI/SAE J891-MAY98, Spring Nuts
ANSI/SAE J516-DEC97, Hydraulic Hose Fittings	ANSI/SAE J911-MAR98, Surface Roughness and Peak Count Measurement of Cold-Rolled Steel Sheet
ANSI/SAE J517-FEB98, Hydraulic Hose	ANSI/SAE J933-MAY98, Mechanical and Quality Requirements for Tapping Screws
ANSI/SAE J534-JUL98, Lubrication Fittings	ANSI/SAE J934-SEP98, Vehicle Passenger Door Hinge Systems
ANSI/SAE J551-5-DEC97, Performance Levels and Methods of Measurement of Magnetic and Electric Field Strength from Electric Vehicles, Broadband, 9 kHz to 30 MHz	ANSI/SAE J964-JAN98, Test Procedure for Determining Reflectivity of Rear-View Mirrors
ANSI/SAE J560-JUL98, Seven Conductor Electrical Connector for Truck-Trailer Jumper Cables	ANSI/SAE J972-AUG97, Moving Rigid Barrier Collision Tests
ANSI/SAE J567-MAR98, Lamp Bulb Retention System	ANSI/SAE J986-MAY98, Sound Level for Passenger Cars and Light Trucks
	ANSI/SAE J999-JUL98, Crane Boom Hoist Disengaging Device
	ANSI/SAE JA1000-JUN98, Reliability Program Standard

ANSI/SAE JA1002-JUL98, Software Reliability Program Standard	ANSI/SAE J1409-SEP98, Air Brake Valves Test Procedure
ANSI/SAE JA1004-JUL98, Software Supportability Program Standard	ANSI/SAE J1410-SEP98, Air Brake Valve - Performance Requirements
ANSI/SAE J1061-OCT92 (RMAY00), Surface Discontinuities on General Application Bolts, Screws, and Studs	ANSI/SAE J1441-MAR98 (RMAY00), Subjective Rating Scale for Vehicle Handling
ANSI/SAE J1067-JUN98, Seven-Conductor Cable	ANSI/SAE J1453-JUN98, Fitting - O-Ring Face Seal
ANSI/SAE J1091-NOV96, Earthmoving Machinery-Operator's Field of View	ANSI/SAE J1459-AUG97, V-Ribbed Belts and Pulleys
ANSI/SAE J1100-JUN98, Motor Vehicle Dimensions	ANSI/SAE J1461-SEP98 (RMAY00), Manual Slack Adjuster Test Procedure
ANSI/SAE J1113-13-OCT97, Electromagnetic Compatibility Measurement Procedure for Vehicle Components - Part 13: Immunity to Electrostatic Discharge	ANSI/SAE J1463-JAN98, Pull-Type Clutch - Transmission Installation Dimensions
ANSI/SAE J1113-21-JAN98, Electromagnetic Compatibility Measurement Procedure for Vehicle Components - Part 21: Immunity to Electromagnetic Fields, 10 kHz to 18 GHz, Absorber-Lined Chamber	ANSI/SAE J1470-JUN98, Measurement of Noise Emitted by Accelerating Highway Vehicles
ANSI/SAE J1131-AUG98, Tubing and Fitting Assemblies Used in Automotive Air Brake Systems, Performance Requirements for SAE J844d Nonmetallic	ANSI/SAE J1472-JAN98, Braking Performance - Roller Compactors
ANSI/SAE J1163-AUG97 (RMAY00), Determining Seat Index Point	ANSI/SAE J1488-AUG97, Emulsified Water/Fuel Separation Test Procedure
ANSI/SAE J1167-JUL98, Motorcycle Stop Lamp Switch	ANSI/SAE J1492-MAY98, Measurement of Light Vehicle Stationary Exhaust System Sound Level Engine Speed Sweep Method
ANSI/SAE J1169-MAY98, Light Vehicle Exhaust Sound Level under Stationary Conditions, Measurement of	ANSI/SAE J1493-NOV97, Shielding of Starter Systems Energization
ANSI/SAE J1183-FEB98, Recommended Guidelines for Fatigue Testing of Elastomeric Materials and Components	ANSI/SAE J1494-OCT97, Battery Booster Cables
ANSI/SAE J1200-MAY98, Blind Rivets Break Mandrel Type	ANSI/SAE J1495-SEP98 (RMAY00), Test Procedure for Battery Flame Retardant Venting Systems
ANSI/SAE J1231-JUL98, Beaded Tube Hose Fittings	ANSI/SAE J1503-JAN98, Performance Test for Air-Conditioned, Heated, and Ventilated Off-Road Self-Propelled Work Machines
ANSI/SAE J1238-JUL98, Rating Lift Cranes on Fixed Platforms Operating in the Ocean Environment	ANSI/SAE J1578-JUL97, Motorcycle Side Stand Retraction Test Procedure
ANSI/SAE J1248-APR98 (RMAY00), Performance Requirements for Parking Stability of Motorcycles	ANSI/SAE J1579-APR98 (RMAY00), Motorcycle Side Stand Retraction Performance Requirements
ANSI/SAE J1287-JUL98 (RMAY00), Stationary Motorcycles, Measurement of Exhaust Sound Levels of	ANSI/SAE J1588-APR98 (RMAY00), Internal Combustion Engines - Piston Rings - Vocabulary
ANSI/SAE J1318-MAY98, Gaseous Discharge Warning Lamp for Authorized Emergency, Maintenance, and Service Vehicles	ANSI/SAE J1589-APR98, Internal Combustion Engines - Piston Rings - Inspection Measuring Principles
ANSI/SAE J1362-JUL97, Graphical Symbols for Operator Controls and Displays on Off-Road Self-Propelled Work Machines	ANSI/SAE J1590-APR98, Internal Combustion Engines - Piston Rings - Material Specifications
ANSI/SAE J1368-OCT97 (RMAY00), Child Restraint Anchorages and Attachment Hardware	ANSI/SAE J1591-APR98 (RMAY00), Internal Combustion Engines - Piston Rings - General Specifications
ANSI/SAE J1369-OCT97 (RMAY00), Anchorage Provisions for Installation of Child Restraint Tether Straps in Rear Seating Positions	ANSI/SAE J1611-AUG98, Trenchless Equipment (Horizontal Earthboring Machines) - Operator Control Definitions
ANSI/SAE J1375-DEC97, Cranking Motor Application Considerations	ANSI/SAE J1614-MAR98, Wiring Distribution Systems for Construction, Agricultural, and Off-Road Work Machines
ANSI/SAE J1394-JUN98, Metric Nonmetallic Air Brake System Tubing	ANSI/SAE J1616-FEB94, Recommended Practice for Compressed Natural Gas Vehicle Fuel

ANSI/SAE J1635-AUG98 (RMAY00), Cold Start and Driveability Procedure	ANSI/SAE J1982-AUG98, Nomenclature - Wheels for Passenger Cars, Light Trucks, and Multipurpose Vehicles
ANSI/SAE J1644-OCT98, Metallic Tube Connections for Fluid Power and General Use - Test Methods for Threaded Hydraulic Fluid Power Connectors	ANSI/SAE J1987-JAN98, Force and Movement Test Method
ANSI/SAE J1650-OCT97, Seamless Copper-Nickel 90-10 Tubing	ANSI/SAE J1996-(RAPR98), Internal Combustion Engines - Piston Rings, Quality Requirements
ANSI/SAE J1674-JUN98, Early Acquisition and Preservation of Information in a Motor Vehicle Accident	ANSI/SAE J1997-(RAPR98), Internal Combustion Engines - Piston Rings - Rectangular Rings
ANSI/SAE J1713-JAN98, Structural Testing of Passenger Car and Truck Disc Brakes	ANSI/SAE J1998-(RAPR98), Internal Combustion Engines - Piston Rings - Rectangular Rings with Narrow Ring Width
ANSI/SAE J1737-AUG97, Test Procedure to Determine the Hydrocarbon Losses from Fuel Tubes, Hoses, Fittings, and Fuel Line Assemblies by Recirculation	ANSI/SAE J1999-(RAPR98), Internal Combustion Engines - Piston Rings - Scraper Rings
ANSI/SAE J1742-MAR98, Connections for High Voltage On-Board Road Vehicle Electrical Wiring Harnesses - Test Methods and General Performance Requirements	ANSI/SAE J2000-(RAPR98), Internal Combustion Engines - Piston Rings - Keystone Rings
ANSI/SAE J1748-JAN98, Methods for Determining Physical Properties of Polymeric Materials Exposed to Gasoline/Oxygenate Fuel Mixtures	ANSI/SAE J2001-(RAPR98), Internal Combustion Engines - Piston Rings - Half Keystone Rings
ANSI/SAE J1766-JUN98, Recommended Practice for Electric and Hybrid Electric Vehicle Battery Systems - Crash Integrity Testing	ANSI/SAE J2002-(RAPR98), Internal Combustion Engines - Piston Rings - Oil Control Rings
ANSI/SAE J1790-JUN98, Self-Propelled Sweepers and Scrubbers Steering Requirements - Single-Circuit Hydraulic Servo-Assisted Systems	ANSI/SAE J2003-(RAPR98), Internal Combustion Engines - Piston Rings - Coil Spring Loaded Oil Control Rings
ANSI/SAE J1817-FEB98, Long Stroke Air Brake Actuator Marking	ANSI/SAE J2004-(RAPR98), Internal Combustion Engines - Piston Rings - Expander/Segment Oil Control Rings
ANSI/SAE J1824-(RJUL98), Specification Definitions - Clam Bunk Skidder	ANSI/SAE J2027-JUN98, Preliminary Standard for Protective Covers for Gasoline Fuel Line Tubing
ANSI/SAE J1829-DEC97, Stoichiometric Air/Fuel Ratios of Automotive Fuels	ANSI/SAE J2044-DEC97, Quick Connector Specification for Liquid Fuel and Vapor/Emissions Systems
ANSI/SAE J1846-JUN98, Characterizing a Test Surface for Motorcycle Side Stand Retraction Performance Testing	ANSI/SAE J2045-FEB98, Tube/Hose Assemblies
ANSI/SAE J1850-MAR98, Class B Data Communication Network Interface	ANSI/SAE J2064-AUG98, R134a Refrigerant Automotive Air Conditioning Hose
ANSI/SAE J1892-SEP98, Recommended Practice for Bar-Coded Vehicle Emission Configuration Label	ANSI/SAE J2081-AUG97, Resistance of Safety Glazing Materials, of which One Surface Is Plastic, to Simulated Weathering, Test Procedure for Determining
ANSI/SAE J1930-MAY98, Electrical/Electronic Systems Diagnostic Terms, Definitions, Abbreviations, and Acronyms	ANSI/SAE J2130-OCT97, Self-Propelled Sweepers
ANSI/SAE J1953-FEB98, Brake-Stroke Indicator Design Guideline for Cam or Disc Air-Brake Actuators	ANSI/SAE J2162-MAY98, Spark Plug Heat Rating Classifications
ANSI/SAE J1962-FEB98, Diagnostic Connector	ANSI/SAE J2178-2-MAY97, Class B Data Communication Network Messages - Part 2: Data Parameter Definitions
ANSI/SAE J1965-DEC97, Road Vehicles - Wheels for Commercial Vehicles and Multipurpose Passenger Vehicles - Fixing Nuts - Test Methods	ANSI/SAE J2194-SEP97, Roll-Over Protective Structures (ROPS) for Wheeled Agricultural Tractors
ANSI/SAE J1978-FEB98, OBD II Scan Tool	ANSI/SAE J2214-FEB97, Vehicle Electronic Programming Stations (VEPS) System Specification for Programming Components at OEM Assembly Plants
ANSI/SAE J1979-SEP97, E/E Diagnostic Test Modes	ANSI/SAE J2221-JUN98, Standardized Symbols for Electrical Circuit Diagrams
	ANSI/SAE J2226-APR98 (RMAY00), Internal Combustion Engines - Piston Rings - Steel Rectangular Rings

- ANSI/SAE J2270-OCT98, Ship Systems and Equipment - Threaded Fasteners - Inspection, Test, and Installation Requirements
- ANSI/SAE J2282-JUN98, Distributed Lighting Systems (DLS)
- ANSI/SAE J2286, Vendor Component Program Data File Interface for OEM Assembly Operations
- ANSI/SAE J2295-OCT98, Fasteners - Part Standard Cap Screws, Hex Bolts, and Hex Nuts
- ANSI/SAE J2315-FEB98, Wheel Nut Seat Strength
- ANSI/SAE J2316-JAN98, Wheel Nut Seat System Test Procedures and Performance Requirements for Passenger Cars and Light Trucks
- ANSI/SAE J2333-MAR98, Ship Systems and Equipment Hydraulic Systems - Filter Selection Parameters
- ANSI/SAE J2375-AUG97, The Selection of Adhesives for the Attachment of Exterior Aftermarket Accessories
- ANSI/SAE J2376-JUN98, New-Vehicle Collision Repair Information
- ANSI/SAE J2380-JAN98, Vibration Testing of Electric Vehicle Batteries
- ANSI/SAE J2383-MAR98, Air Dryer Installation Procedure
- ANSI/SAE J2387-OCT97, Dimensions and Tolerances for Coolant System Hoses
- ANSI/SAE J2393-JUN98, Swing Performance and Rating Procedure, Material Handlers, Knuckle Boom Log Loaders and Certain Forestry Equipment
- ANSI/SAE J2394-JUN98, Seven-Conductor Cable for ABS Power
- ANSI/SAE J2403-OCT98, Medium/Heavy-Duty E/E Systems Diagnosis Nomenclature
- ANSI/SAE J2405-AUG97, Low-Permeation Fuel Fill and Vent Tube
- ANSI/SAE J2407-OCT97, Clutch Installation and Release Linkage Requirements for Truck and Bus Applications
- ANSI/SAE J2409-JUN98, Strain-Life Fatigue Data Exchange File Format
- ANSI/SAE J2417-JUN98, Lift Capacity Calculation Method Knuckle-Boom Log Loaders and Certain Forestry Equipment
- ANSI/SAE J2419-JAN98, Occupant Restraint System Evaluation Frontal Impact System Level - Heavy Trucks
- ANSI/SAE J2420-JAN98, COE Frontal Strength Evaluation Dynamic Loading Heavy Trucks
- ANSI/SAE J2421-JAN98, COE Frontal Strength Evaluation Quasi-Static
- ANSI/SAE J2422-JAN98, Cab Roof Strength Evaluation Quasi-Static Loading Heavy Trucks
- ANSI/SAE J2423-JAN1998, Cab Roof Strength Evaluation Dynamic Loading - Heavy Trucks
- ANSI/SAE J2424-JAN98, Free Motion Headform Impact Tests of Heavy Truck Cab Interiors
- ANSI/SAE J2425-JAN98, Steering Control Systems Laboratory Test Procedure Heavy Trucks
- ANSI/SAE J2426-JAN98, Occupant Restraint System Evaluation Lateral Rollover System-Level Heavy Trucks
- ANSI/SAE J2429-JAN98, Free-Rolling Cornering Test for Truck Tires
- ANSI/SAE J2455-JAN98, Drivetrain Systems Vibration Analysis - Data Requirements
- ANSI/SAE J2456-MAY98, Mercury Switch Removal Process
- ANSI/SAE J2458-JUL98, Exhaust Brake Dynamometer Test and Capability Rating Procedure
- ANSI/SAE J3000-AUG97, Thermoplastic Elastomer Classification System
- ANSI/SAE J/ISO 3449-APR98, Earthmoving Machinery - Falling-Object Protective Structures - Laboratory Tests and Performance Requirements
- ANSI/SAE J/ISO 3450-JAN98, Earthmoving Machinery - Braking Systems of Rubber-Tired Machines - Systems and Performance Requirements and Test Procedures
- ANSI/SAE J/ISO 6394-JUL98, Acoustics - Measurement of Airborne Noise Emitted by Earthmoving Machinery Operator's Position - Stationary Testing Condition
- ANSI/SAE J/ISO 7135-JAN98, Earthmoving Machinery - Hydraulic Excavators - Terminology and Commercial Specifications
- ANSI/SAE J/ISO 8813-SEP97, Earthmoving Machinery - Lift Capacity of Pipelayers and Wheeled Tractors or Loaders Equipped with Side Boom
- ANSI/SAE J/ISO 10567-FEB98, Earthmoving Machinery - Hydraulic Excavators - Lift Capacity
- ANSI/SAE J1113/4-FEB98, Immunity to Radiated Electric Fields (Bulk Current Injection (BCI)) Method
- ANSI/SAE J/ISO 13200-JUN98, Cranes - Safety Signs and Hazard Pictorials - General Principles
- ANSI/SAE J/ISO 13333-SEP97, Earthmoving Machinery - Dumper Body Support and Operator's Cab Tilt Support
- ANSI/SAE J1699/2-JAN98, OBD-II Related SAE Specification Verification - Test Procedures
- ANSI/SAE J2178/3-JUN98, Class B Data Communication Network Messages - Part 3: Frame IDs for Single-Byte Forms of Headers
- ANSI/SAE J2244/3-JUN98, Connections for Fluid Power and General Use-Ports and Stud Ends with ISO 261 Threads and O-Rings Sealing - Part 3: Light-Duty (L Series) Stud Ends - Dimensions, Design, Test Methods, and Requirements
- ANSI/SAE J2293/2-JUN97, Energy Transfer System for Electric Vehicles - Part 2: Communication Requirements and Network Architecture

ANSI/SAE J551/17-OCT97, Vehicle Electromagnetic Immunity - Power Line Magnetic Fields

ANSI/SAE J1939/31-DEC97, Network Layer

ANSI/SAE J2418 JAN98, Occupant Restraint System Evaluation Frontal Impact Component Level - Heavy Trucks

## Correction

### Change to Scope

In the Call-for-Comment section of the March 28th issue of Standards Action, BSR/UL 325 was listed with three topics open for comment. Please note that the topic "Clarification of the Intent of the Inherent Secondary Entrapment Protection" is being withdrawn, and should no longer be considered open for comment. The following topics remain open for comment:

- (1) Addition of requirements for pedestrian doors for motion detectors and system approaches;
- (2) Deletion of dated references.

# Call for Comment Contact Information

The addresses listed in this section are to be used in conjunction with standards listed in Call for Comment. This section is a list of developers who have submitted standards for public review in this issue of *Standards Action* – it is not intended to be a list of all ANSI developers. Please send all address corrections to: Standards Action Editor, American National Standards Institute, 25 West 43rd Street, New York, NY 10036 or [standact@ansi.org](mailto:standact@ansi.org).

## Order from:

### ASME

American Society of Mechanical Engineers  
3 Park Avenue, 20th Floor (20N2)  
New York, NY 10016  
Phone: (212) 591-8521  
Fax: (212) 591-8501  
Web: [www.asme.org](http://www.asme.org)

### ASSE (Organization)

American Society of Sanitary Engineering  
901 Canterbury Road, Suite A  
Westlake, OH 44145-1480  
Phone: (440) 835-3040  
Fax: (440) 835-3488  
Web: [www.asse-plumbing.org](http://www.asse-plumbing.org)

### ATIS

ATIS  
1200 G Street NW, Ste 500  
Washington, DC 20005  
Phone: 202-434-8841  
Fax: 202-347-7125  
Web: [www.atis.org](http://www.atis.org)

### BHMA

Builders Hardware Manufacturers Association  
355 Lexington Ave., 15th Floor  
New York, NY 10017-6603  
Phone: (212) 297-2122  
Fax: (212) 370-9047  
Web: [www.buildershardware.com/](http://www.buildershardware.com/)

### comm2000

1414 Brook Drive  
Downers Grove, IL 60515

### EOS/ESD

ESD Association  
7900 Turin Road  
Rome, NY 13440  
Phone: 315-339-6937  
Fax: 315-339-6793  
Web: [www.esda.org](http://www.esda.org)

### Global Engineering Documents

Global Engineering Documents  
15 Inverness Way East  
Englewood, CO 80112-5704  
Phone: (800) 854-7179  
Fax: (303) 379-2740

### HL7

Health Level Seven  
3300 Washtenaw Avenue,  
Suite 227  
Ann Arbor, MI 48104-4250  
Phone: (734) 677-7777 x104  
Fax: (734) 677-6622  
Web: [www.hl7.org](http://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](http://www.hps.org/hpspublications/standards.html)

### ISA (Organization)

ISA-The Instrumentation, Systems,  
and Automation Society  
67 Alexander Drive  
Research Triangle Park, NC  
27709  
Phone: (919) 990-9228  
Fax: (919) 549-8288  
Web: [www.isa.org](http://www.isa.org)

### NALFA

North American Laminate Flooring Association  
1747 Pennsylvania Avenue NW  
Suite 1000  
Washington, DC 20006  
Phone: (202) 785-9500  
Fax: (202) 835-0243

### NBBPVI

National Board of Boiler and Pressure Vessel Inspectors  
1055 Crupper Avenue  
Columbus, OH 43229-1183  
Phone: (614) 888-8320  
Fax: (614) 847-1828  
Web: [www.nationalboard.org/index.html](http://www.nationalboard.org/index.html)

### NPES (ASC CGATS)

ASC CGATS  
1899 Preston White Drive  
Reston, VA 20191  
Phone: (703) 264-7200  
Fax: (703) 620-0994  
Web: [www.npes.org/standards/cgats.html](http://www.npes.org/standards/cgats.html)

### NSF

NSF International  
P.O. Box 130140  
789 N. Dixboro Road  
Ann Arbor, MI 48113-0140  
Phone: (734) 827-6806  
Fax: (734) 827-6831  
Web: [www.nsf.org](http://www.nsf.org)

### UAMA (ASC B74)

ASC B74  
30200 Detroit Road  
Cleveland, OH 44145-1967  
Phone: (440) 899-0010  
Fax: (440) 892-1404

## Send comments to:

### AAMI

Association for the Advancement  
of Medical Instrumentation  
(AAMI)  
1110 N Glebe Road  
Suite 220  
Arlington, VA 22201  
Phone: (703) 525-4890 x251  
Fax: (703) 276-0793  
Web: www.aami.org

### ASME

American Society of Mechanical  
Engineers  
3 Park Avenue, 20th Floor 20S2  
New York, NY 10016  
Phone: (212) 591-8018  
Fax: (212) 591-8501  
Web: www.asme.org

### ASSE (Organization)

American Society of Sanitary  
Engineering  
901 Canterbury Road, Suite A  
Westlake, OH 44145-1480  
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### ATIS

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1200 G Street NW, Ste 500  
Washington, DC 20005  
Phone: 202-434-8841  
Fax: 202-347-7125  
Web: www.atis.org

### BHMA

Builders Hardware Manufacturers  
Association  
355 Lexington Ave., 15th Floor  
New York, NY 10017-6603  
Phone: (212) 297-2122  
Fax: (212) 370-9047  
Web: www.buildershardware.com/

### EOS/ESD

ESD Association  
7900 Turin Road  
Rome, NY 13440  
Phone: 315-339-6937  
Fax: 315-339-6793  
Web: www.esda.org

### HL7

Health Level Seven  
3300 Washtenaw Avenue  
Suite 227  
Ann Arbor, MI 48104-4250  
Phone: (734) 677-7777 x104  
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

### IIAR

International Institute of Ammonia  
Refrigeration  
1110 N Glebe Rd, Suite 250  
Arlington, VA 22201  
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) 990-9228  
Fax: (919) 549-8288  
Web: www.isa.org

### NALFA

North American Laminate Flooring  
Association  
1747 Pennsylvania Avenue NW  
Suite 1000  
Washington, DC 20006  
Phone: (202) 785-9500  
Fax: (202) 835-0243

### NBBPVI

National Board of Boiler and  
Pressure Vessel Inspectors  
1055 Crupper Avenue  
Columbus, OH 43229-1183  
Phone: (614) 888-8320  
Fax: (614) 847-1828  
Web:  
www.nationalboard.org/index.html

### NPES (ASC CGATS)

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

### NSF

NSF International  
789 Dixboro Road  
Ann Arbor, MI 48105  
Fax: 734-827-6831  
Web: www.nsf.org

### SCTE

Society of Cable  
Telecommunications Engineers  
140 Phillips Road  
Exton, PA 19341  
Phone: (610) 524-1725 x204  
Fax: (610) 363-5898  
Web: www.scte.org

### SMACNA

Sheet Metal and Air Conditioning  
Contractors' National  
Association (SMACNA)  
4201 Lafayette Center Drive  
Chantilly, VA 20151-1209  
Phone: 703-803-2980  
Web: www.smacna.org

### TIA

Telecommunications Industry  
Association  
2500 Wilson Blvd., Suite 300  
Arlington, VA 22201  
Phone: 703-907-7706  
Fax: 703-907-7728  
Web: www.tiaonline.org

### UAMA (ASC B74)

ASC B74  
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Fax: (440) 892-1404

### UL-CA

Underwriters Laboratories, Inc.  
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San Jose, CA 95131-1230  
Phone: (408) 754-6634  
Fax: (408) 689-6500

### UL-IL

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333 Pfingsten Road  
Northbrook, IL 60062  
Phone: (847) 272-8800

### UL-NC

Underwriters Laboratories, Inc.  
12 Laboratory Drive  
Research Triangle Park, NC  
27709  
Phone: (919) 549-1400 x11479  
Fax: (919) 547-6179

### VITA

VMEbus International Trade  
Association (VITA)  
PO Box 19658  
Fountain Hills, AZ 85269  
Phone: (480) 837-7486  
Web: www.vita.com/

# 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.

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## APSP (Association of Pool and Spa Professionals)

**Office:** 2111 Eisenhower Avenue  
Alexandria, VA 22314

**Contact:** *Bernice Crenshaw*

**Phone:** (703) 838-0083 x127

**Fax:** (703) 549-0493

**E-mail:** bcrenshaw@theapsp.org

BSR/APSP 8-200x, Model Barrier Code for Residential Swimming Pools, Spas and Hot Tubs (revision of ANSI/NSPI 8-2004)

## BHMA (Builders Hardware Manufacturers Association)

**Office:** 355 Lexington Ave., 15th Floor  
New York, NY 10017-6603

**Contact:** *Michael Tierney*

**Phone:** (212) 297-2122

**Fax:** (212) 370-9047

**E-mail:** mtierney@kellencompany.com

BSR/BHMA A156.4-200x, Door Controls - Closers (revision of ANSI/BHMA A156.4-2000)

## SMACNA (Sheet Metal and Air-Conditioning Contractors' National Association)

**Office:** 4201 Lafayette Center Drive  
Chantilly, VA 20151-1209

**Contact:** *Peyton Collie*

**Phone:** 703-803-2980

**E-mail:** pcollie@smacna.org

BSR/SMACNA 001-200x, Seismic Restraint Manual: Guidelines for Mechanical Systems (revision of ANSI/SMACNA 001-2000)

## TIA (Telecommunications Industry Association)

**Office:** 2500 Wilson Blvd  
Arlington, VA 22201

**Contact:** *Ronda Coulter*

**Phone:** 703 907-7974

**Fax:** 703 907-7728

**E-mail:** rcoulter@tiaonline.org

BSR/TIA 102.CAAA-C-200x, Digital C4FM/CQPSK Transceiver Measurement Methods (revision of ANSI/TIA 102.CAAA-B-2004)

## UAMA (ASC B74) (Unified Abrasive Manufacturers' Association)

**Office:** 30200 Detroit Road  
Cleveland, OH 44145-1967

**Contact:** *J. Jeffrey Wherry*

**Phone:** (440) 899-0010

**Fax:** (440) 892-1404

**E-mail:** jjw@wherryassoc.com; djh@wherryassoc.com

BSR B74.11-1993 (R200x), Specifications for Tumbling Chip Abrasives (reaffirmation of ANSI B74.11-1993 (R2003))

## UL (Underwriters Laboratories, Inc.)

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

**Contact:** *Marcia Kawate*

**Phone:** (408) 754-6500

**Fax:** (408) 689-6500

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

BSR/UL 2360-2004 (R200x), Test Methods for Determining the Combustibility Characteristics of Plastics Used in Semi-Conductor Tool Construction (reaffirmation of ANSI/UL 2360-2004)



# 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.

## API (American Petroleum Institute)

### *New National Adoptions*

ANSI/API Spec 6D/ISO 14313-2008, Specification for Pipeline Valves (identical national adoption of ISO 14313:2007): 4/1/2008

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

### *Addenda*

ANSI/ASHRAE Addendum b to ANSI/ASHRAE Standard 15-2008, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE 15-2007): 1/24/2008

ANSI/ASHRAE Addendum e to ANSI/ASHRAE Standard 15-2008, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE 15-2007): 1/24/2008

## ASME (American Society of Mechanical Engineers)

### *New Standards*

ANSI/ASME B18.21.3-2008, Double Coil Helical Spring Lock Washers for Wood Structures (new standard): 3/28/2008

### *Revisions*

ANSI/ASME B18.5-2008, Round Head Bolts (Inch Series) (revision of ANSI/ASME B18.5-1990 (R2003)): 3/27/2008

ANSI/ASME B31.9-2008, Building Services Piping (revision of ANSI/ASME B31.9-2004): 4/1/2008

## ATIS (Alliance for Telecommunications Industry Solutions)

### *New Standards*

ANSI ATIS 1000025-2008, US Standard for Signaling Security - UNI Access and Signaling Standard (new standard): 3/28/2008

## AWWA (American Water Works Association)

### *New Standards*

ANSI/AWWA E103-2008, Horizontal and Vertical Line Shaft Pumps (new standard): 3/27/2008

### *Revisions*

ANSI/AWWA C541-2008, Hydraulic and Pneumatic Cylinder and Vane-Type Actuators for Valves and Slide Gates (revision and partition of ANSI/AWWA C540-2002): 3/27/2008

## CEA (Consumer Electronics Association)

### *New Standards*

ANSI/CEA 608-E-2008, Line 21 Data Services (new standard): 4/1/2008

## CSA (3) (CSA America, Inc.)

### *Addenda*

ANSI Z21.50a-2008, Standard for Vented Gas Fireplaces (Same as CSA 2.22a) (addenda to ANSI Z21.50-2007): 3/28/2008

ANSI Z21.88b-2008, Standard for Vented Gas Fireplace Heaters (Same as CSA 2.33b) (addenda to ANSI Z21.88-2005 and ANSI Z21.88a-2007): 3/28/2008

### *Revisions*

ANSI Z21.86-2008, Standard for Vented Gas-Fired Heating Appliances (Same as CSA 2.32) (revision of ANSI Z21.86-2003, ANSI Z21.86a-2005, and ANSI Z21.86b-2007): 3/28/2008

## HPS (ASC N43) (Health Physics Society)

### *Revisions*

ANSI N43.8-2008, Classification of Industrial Ionizing Radiation Gauging Devices (revision of ANSI N43.8-2001): 3/28/2008

## IEEE (Institute of Electrical and Electronics Engineers)

### *New Standards*

ANSI/IEEE 1542-2007, Guide for Installation, Maintenance, and Operation of Irrigation Equipment Located Near or Under Power Lines (new standard): 3/27/2008

ANSI/IEEE C57.12.36-2007, Standard Requirements for Liquid-Immersed Distribution Substation Transformers (new standard): 3/27/2008

### *Revisions*

ANSI/IEEE 99-2007, Recommended Practice for the Preparation of Test Procedures for the Thermal Evaluation of Insulation Systems for Electrical Equipment (revision of ANSI/IEEE 99-1980 (R2000)): 4/1/2008

ANSI/IEEE C37.20.7-2007, Guide for Testing Metal-Enclosed Switchgear Rated Up to 38kV for Internal Arcing Faults (revision of ANSI/IEEE C37.20.7-2001): 3/27/2008

### *Supplements*

ANSI/IEEE 802.1ag-2007, Standard for Local and Metropolitan Area Networks - Virtual Bridged Local Area Networks - Amendment 5: Connectivity Fault Management (supplement to ANSI/IEEE 802.1Q-2006): 4/1/2008

## NSF (NSF International)

### *Revisions*

ANSI/NSF 170-2008 (i5), Glossary of food equipment terminology (revision of ANSI/NSF 170-2005): 3/24/2008

## RVIA (Recreational Vehicle Industry Association)

### *New Standards*

ANSI/RVIA TSIC-1-2008, Recommended Practice Process Controls for Assembly of Wheels on Trailers (new standard): 3/27/2008

## TIA (Telecommunications Industry Association)

### *Addenda*

ANSI/TIA 942-1-2008, Data Center Coaxial Cabling Specifications and Applications Distances (addenda to ANSI/TIA 942-2005): 3/28/2008

***New Standards***

ANSI/TIA 492AAAC-B-2008, Detail specification for 850-nm laser-optimized, 50-micrometer core diameter/125-micrometer cladding diameter class Ia graded-index multimode optical fibers (new standard): 3/28/2008

ANSI/TIA 492AAAA-B-2008, Detail specification for 62.5-micrometer core diameter/125-micrometer cladding diameter class Ia graded-index multimode optical fibers (new standard): 3/28/2008

ANSI/TIA 568-B.2-10-2008, Transmission Performance Specifications for 4-Pair 100-Ohm Augmented Category 6 Cabling (new standard): 3/28/2008

***Reaffirmations***

ANSI/TIA 455-212-2000 (R2008), IEC 61290-6-1: Optical Fibre Amplifiers - Basic Specification Part 6-1: Test Methods for Pump Leakage Parameters - Optical Demultiplexer (reaffirmation of ANSI/TIA 455-212-2000): 3/28/2008

ANSI/TIA 862-2002 (R2008), Building Automation Systems Cabling (reaffirmation of ANSI/TIA 862-2002): 3/27/2008

***Revisions***

ANSI/TIA 492AAAB-A-2008, Detail specification for 50-micrometer core diameter/125-micrometer cladding diameter class Ia graded-index multimode optical fibers (revision of ANSI/TIA 492AAAB-1998): 3/28/2008

***Supplements***

ANSI/TIA 136-370-B-1-2008, TDMA Third Generation Wireless Enhanced General Packet-Data Service (EGPRS-136) (supplement to ANSI/TIA 136-370-B-2006): 3/27/2008

ANSI/TIA 136-376-B-1-2008, TDMA Third Generation Wireless Enhanced General Packet-Data Service (EGPRS-136) - Mobility Management (MM) (supplement to ANSI/TIA/EIA 136-376-B-2006): 3/27/2008

ANSI/TIA 136-377-B-1-2008, TDMA Third Generation Wireless EGPRS - 136 Gs Interface Specifications (supplement to ANSI/TIA/EIA 136-377-B-2006): 3/27/2008

ANSI/TIA 136-440-B-1-2008, TDMA Third Generation Wireless Adaptive Multi Rate (AMR) Codec (supplement to ANSI/TIA/EIA 136-440-B-2006): 3/27/2008

# 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](http://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.

## API (American Petroleum Institute)

**Office:** 1220 L Street, N.W.  
Washington, DC 20005

**Contact:** Carriann Kuryla

**Fax:** (202) 962-4797

**E-mail:** [kurylac@api.org](mailto:kurylac@api.org)

BSR/API RPB-1/ISO 10414-1, 4th edition-200x, Recommended Practice for Field Testing Water-Based Drilling Fluids (identical national adoption of ISO 10414-1)

Stakeholders: Users who field test water-based drilling fluids.

Project Need: To update the industry standard.

Covers equipment and standard procedures for field testing water-based drilling fluids.

BSR/API RP 13/ISO 10416, 8th edition-200x, Recommended Practice for Laboratory Testing Drilling Fluids (identical national adoption of ISO 10416)

Stakeholders: Laboratories and testers of drilling fluids.

Project Need: To update the industry standard.

Provides procedures for the laboratory testing of both drilling fluid materials and drilling fluid physical, chemical and performance properties. It is applicable to both water-based and oil-based drilling fluids, as well as the base or "make-up" fluid.

BSR/API Spec 6A, 19th edition/ISO 10423-200x, Specification for Wellhead and Christmas Tree Equipment (supplement to ANSI/API Spec 6A/ISO 10423-2004)

Stakeholders: Users and manufacturers.

Project Need: To update the current Annex J to a regional annex.

Outlines the regional requirements for 6A manufacturers and users. Document will be an amendment to the 19th edition of Spec 6A/ISO 10423: 2003.

## APSP (Association of Pool and Spa Professionals)

**Office:** 2111 Eisenhower Avenue  
Alexandria, VA 22314

**Contact:** Bernice Crenshaw

**Fax:** (703) 549-0493

**E-mail:** [bcrenshaw@theapsp.org](mailto:bcrenshaw@theapsp.org)

BSR/APSP 8-200x, Model Barrier Code for Residential Swimming Pools, Spas and Hot Tubs (revision of ANSI/NSPI 8-2004)

Stakeholders: Consumers.

Project Need: To revise a national standard that addresses layers of protection for young children against the potential for drowning or near drowning in residential swimming pools and spas.

Establishes provisions that address supervision, the foremost deterrent to a young child's access to a pool, spa or hot tub and to potential accidental drowning. Additionally, in the event of a lapse in adult supervision, the standard establishes supplemental layers of protection, which include walls, fences, and structures as barriers.

## ASABE (American Society of Agricultural and Biological Engineers)

**Office:** 2950 Niles Road  
St Joseph, MI 49085

**Contact:** Carla VanGilder

**E-mail:** [vangilder@asabe.org](mailto:vangilder@asabe.org)

BSR/ASAE S482.1-200x, Agricultural vehicles - Mechanical connections between towed and towing vehicles - Part 3: Tractor drawbar (national adoption with modifications of ISO 6489-3:2004)

Stakeholders: All manufacturers of tractors, towed implements and bulk carrier equipment (defined by ASAE S390.4).

Project Need: To harmonize the current ASAE Standard S482 and ISO 6489-3 into one standard that can be used internationally and nationally.

Specifies the dimensional requirements and location for category 0, 1, 2, 3, 4, and 5 drawbars mounted on the rear of agricultural tractors.

## ASIS (ASIS International)

**Office:** 1625 Prince Street  
Alexandria, VA 22314-2818

**Contact:** Susan Carioti

**Fax:** (703) 519-1501

**E-mail:** [scarioti@asisonline.org](mailto:scarioti@asisonline.org)

BSR/ASIS FPSM.1-200x, Facilities Physical Security Management (new standard)

Stakeholders: Global business community, not-for-profit organizations and foundations, educational institutions.

Project Need: To create an on-going, dynamic and interactive process that serves to assure facilities/premises/perimeter security.

Uses a PDCA approach to identify, apply and manage physical security measures to safeguard an organization's assets - people, property, information and intangible that are based in facilities (not in transit). This standard describes a process for providing physical/perimeter security at a facility to set goals; identify, assess and manage risks; and select appropriate physical security measures. This standard also describes basic functions of physical security measures and tools to protect facilities through the important steps of deterrence, detection, delay and response.

BSR/ASIS SPC.1-200x, Organizational Resilience: Security, Preparedness and Continuity Management Systems - Requirements with Guidance for Use (new standard)

Stakeholders: Global business community, not-for-profit organizations and foundations, educational institutions.

Project Need: To create an on-going, dynamic, and interactive process to assure continuation of an organization's core activities before, during, and after a crisis event.

Based on ISO PDCA model, provides steps necessary to prevent, prepare for, and respond to a disruptive incident, to manage and survive the event, and to take actions to ensure the organization's resilience. The standard provides generic auditable criteria to establish, check, maintain, and improve a management system to enhance prevention, preparedness (readiness), mitigation, response and recovery from disruptive incidents. The annex provides informative guidance on system planning, implementation, testing, maintenance, and improvement.

#### **ATIS (Alliance for Telecommunications Industry Solutions)**

**Office:** 1200 G Street NW, Ste 500  
Washington, DC 20005

**Contact:** Kerriane Conn

**Fax:** 202-347-7125

**E-mail:** kconn@atis.org

BSR ATIS 1000030-200x, End to End User Authentication and Signaling Security (new standard)

Stakeholders: Telecommunications Industry.

Project Need: To create an end-to-end authentication in a multinetwork environment.

Provides an end-to-end authentication in a multinetwork environment. These functions can be reliably performed within a single service provider's network, when networks interconnection, existing protocols and interfaces do not adequately support these needs.

#### **AWS (American Welding Society)**

**Office:** 550 N.W. LeJeune Road  
Miami, FL 33126

**Contact:** Rosalinda O'Neill

**Fax:** (800) 443-5951

**E-mail:** roneill@aws.org; adavis@aws.org

BSR/AWS F1.6-200x, Guide for Estimating Welding Emissions for EPA and Ventilation Permit Reporting (revision of ANSI/AWS F1.6-2003)

Stakeholders: Companies that are required to estimate emissions from welding operations for various purposes.

Project Need: To provide guidance on determining the necessary emission factors used to estimate emissions.

Assists companies in estimating emissions from welding processes for EPA reporting purposes by choosing the simplest applicable method and following its steps. Example calculations are included.

#### **ESTA (Entertainment Services and Technology Association)**

**Office:** 875 Sixth Avenue, Suite 1005  
New York, NY 10001

**Contact:** Karl Ruling

**Fax:** (212) 244-1502

**E-mail:** standards@esta.org

BSR E1.17-200x, Entertainment Technology - Architecture for Control Networks (revision of ANSI E1.17-2006)

Stakeholders: Lighting control equipment manufacturers, specifiers, dealers, and users.

Project Need: To correct errors in the standard and to improve its functionality.

Provides a suite of documents that specifies an architecture, including protocols and language, that may be configured and combined with other standard protocols to form flexible, networked audio, lighting, or other control systems. It can be implemented on networks that support UDP, IP, and related protocols. It is not bound to Ethernet as a transport medium, but Ethernet is an obvious choice.

#### **ISA (ISA)**

**Office:** 67 Alexander Drive  
Research Triangle Park, NC 27709

**Contact:** Eliana Beattie

**Fax:** (919) 549-8288

**E-mail:** ebeattie@isa.org

BSR/ISA 12.27.01-200x, Requirements for Process Sealing Between Electrical Systems and Flammable or Combustible Process (revision of ANSI/ISA 12.27.01-2002)

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To provide construction and performance requirements for devices that incorporate process seals to eliminate the need for the additional sealing requirements.

Provides specific requirements for process sealing between electrical systems and flammable or combustible process fluids where a failure could allow the migration of process fluids directly into the electrical system. Examples of this type of seal include diaphragm seals, thermowells, and pump seals. The requirements of this document are not meant to apply to electrical conduit and cable seals as addressed in ANSI/NFPA 70-2002, Sections 501.5(C) and 505.16(D).

#### **NEMA (ASC C8) (National Electrical Manufacturers Association)**

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

**Contact:** Eric Schweitzer

**Fax:** (703) 841-3376

**E-mail:** Eric.Schweitzer@NEMA.org

BSR/ICEA P-79-561-200x, Guide for Selecting Aerial Cable Messengers and Lashing Wires (new standard)

Stakeholders: Electric utilities and industrial customers who utilize suspended aerial cable.

Project Need: To address the wind and temperature values based on various loading districts as referenced by the National Electrical Safety Code, ANSI C2-2007. In addition, the maximum recommended span length tables were expanded to include cable weight up to 9.0 pounds.

Provides a guide to facilitate the selection of messengers and lashing wires for both field and factory-assembled self-supporting aerial cables.

**NEMA (National Electrical Manufacturers Association)**

**Office:** 1300 North 17th Street, Suite 1847  
Rosslyn, VA 22209

**Contact:** *Andrei Moldoveanu*

**Fax:** (703) 841-3398

**E-mail:** and\_moldoveanu@nema.org; jea\_french@nema.org

BSR/NEMA WD 6-2002 (R200x), Wiring Devices - Dimensional Specifications (reaffirmation of ANSI/NEMA WD 6-2002)

Stakeholders: Cord set manufacturers, appliance builders, electricians, inspectors.

Project Need: To maintain the standard's viability.

Covers dimensional requirements for plugs and receptacles rated up to 60A and 600V. They also include dimensions for wallplates.

## 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
- AAMVA
- AGA
- AGRSS, Inc.
- ASHRAE
- ASME
- ASTM
- MHI (ASC MH10)
- NBBPVI
- NCPDP
- NSF International
- TIA
- Underwriters Laboratories, Inc. (UL)

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](http://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](http://www.ansi.org/publicreview).

Alternatively, you may contact the Procedures & Standards Administration Department (PSA) at [psa@ansi.org](mailto: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.



# ISO Draft International Standards

This section lists proposed standards that the International Organization for Standardization (ISO) is 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 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 Henrietta Scully, at ANSI's New York offices. The final date for offering comments is listed after each draft.

## Ordering Instructions

ISO Drafts can be made available by contacting ANSI's Customer Service department. Please e-mail your request for an ISO Draft to Customer Service at [sales@ansi.org](mailto: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.

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### **AGRICULTURAL FOOD PRODUCTS (TC 34)**

ISO/DIS 660, Animal and vegetable fats and oils - Determination of acid value and acidity - 6/28/2008, \$53.00

ISO/DIS 22006, Quality management systems - Guidelines for the application of ISO 9001:2000 in crop production - 6/29/2008, \$134.00

### **BANKING AND RELATED FINANCIAL SERVICES (TC 68)**

ISO/DIS 11649, Financial services - Core banking - Structured creditor reference to remittance information - 7/3/2008, \$53.00

### **HYDROGEN ENERGY TECHNOLOGIES (TC 197)**

ISO/FDIS 22734-1, Hydrogen generators using water electrolysis process - Part 1: Industrial and commercial applications - 3/29/2008, \$107.00

### **OTHER**

ISO/DIS 31000, Risk management - Principles and guidelines on implementation - 7/3/2008, \$71.00

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

ISO/DIS 8779, Plastics piping systems - Polyethylene (PE) pipes for irrigation - Specifications - 6/29/2008, \$62.00

### **RUBBER AND RUBBER PRODUCTS (TC 45)**

ISO 3386-1/DAmD1, Polymeric materials, cellular flexible - Determination of stress-strain characteristics in compression - Part 1: Low-density materials - Amendment 1 - 6/28/2008, \$29.00

ISO 3386-2/DAmD1, Flexible cellular polymeric materials - Determination of stress-strain characteristics in compression - Part 2: High-density materials - Amendment 1 - 6/28/2008, \$29.00

### **TEXTILES (TC 38)**

ISO 7768/DAmD1, Textiles - Test method for assessing the smoothness appearance of fabrics after cleansing - Amendment 1 - 7/4/2008, \$58.00

ISO 7769/DAmD1, Textiles - Test method for assessing the appearance of creases in fabrics after cleansing - Amendment 1 - 7/4/2008, \$40.00

ISO 7770/DAmD1, Textiles - Test method for assessing the smoothness appearance of seams in fabrics after cleansing - Amendment 1 - 7/4/2008, \$67.00

### **TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)**

ISO/DIS 13772, Forestry machinery - Portable chain-saws - Non-manually actuated chain brake performance - 6/29/2008, \$53.00

### **ISO/IEC JTC 1, Information Technology**

ISO/IEC DIS 12139-1, Information technology - Telecommunication and information exchange between systems - Power line communication (PLC) - High speed PLC medium access control (MAC) and physical layer (PHY) - Part 1: General requirements - 6/29/2008, \$134.00

# Newly Published ISO and 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](http://www.ansi.org). All paper copies are available from Standards resellers (<http://webstore.ansi.org.faq.aspx#resellers>).

## ISO Standards

### STEEL (TC 17)

[ISO 3574:2008](#), Cold-reduced carbon steel sheet of commercial and drawing qualities, \$61.00

### ISO/IEC JTC 1, Information Technology

[ISO/IEC 8825-2/Amd3:2008](#), Information technology - ASN.1 encoding rules: Specification of Packed Encoding Rules (PER) - Amendment 3: PER encoding instructions, \$40.00

## IEC Standards

### CABLES, WIRES, WAVEGUIDES, R.F. CONNECTORS, AND ACCESSORIES FOR COMMUNICATION AND SIGNALLING (TC 46)

[IEC 62153-4-9 Ed. 1.0 en:2008](#), Metallic communication cable test methods - Part 4-9: Electromagnetic compatibility (EMC) - Coupling attenuation of screened balanced cables, triaxial method, \$71.00

### DOCUMENTATION AND GRAPHICAL SYMBOLS (TC 3)

[IEC 62491 Ed. 1.0 b:2008](#), Industrial systems, installations and equipment and industrial products - Labelling of cables and cores, \$119.00

### ELECTRICAL EQUIPMENT IN MEDICAL PRACTICE (TC 62)

[IEC 60601-2-31 Ed. 2.0 b:2008](#), Medical electrical equipment - Part 2-31: Particular requirements for the basic safety and essential performance of external cardiac pacemakers with internal power source, \$147.00

### ELECTRICAL MOTOR-OPERATED CLEANING APPLIANCES FOR INDUSTRIAL USE (TC 61J)

[IEC 60335-2-69 Ed. 3.2 b:2008](#), Household and similar electrical appliances - Safety - Part 2-69: Particular requirements for wet and dry vacuum cleaners, including power brush, for industrial and commercial use, \$213.00

### FIBRE OPTICS (TC 86)

[IEC 60794-2-40 Ed. 2.0 en:2008](#), Optical fibre cables - Part 2-40: Indoor optical fibre cables - Family specification for A4 fibre cables, \$38.00

[IEC 61754-7 Ed. 3.0 en:2008](#), Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 7: Type MPO connector family, \$119.00

### MARITIME NAVIGATION AND RADIOCOMMUNICATION EQUIPMENT AND SYSTEMS (TC 80)

[IEC 62320-2 Ed. 1.0 en:2008](#), Maritime navigation and radiocommunication equipment and systems - Automatic identification system (AIS) - Part 2: AIS AtoN Stations - Operational and performance requirements, methods of testing and required test results, \$242.00

### OTHER

[CISPR 25 Ed. 3.0 b:2008](#), Vehicles, boats and internal combustion engines - Radio disturbance characteristics - Limits and methods of measurement for the protection of on-board receivers, \$232.00

### QUANTITIES AND UNITS, AND THEIR LETTER SYMBOLS (TC 25)

[IEC 80000-6 Ed. 1.0 b:2008](#), Quantities and units - Part 6: Electromagnetism, \$147.00

[IEC 80000-13 Ed. 1.0 b:2008](#), Quantities and units - Part 13: Information science and technology, \$109.00

[IEC 80000-14 Ed. 1.0 b:2008](#), Quantities and units - Part 14: Telediometrics related to human physiology, \$218.00

### SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)

[IEC 60335-2-6 Ed. 5.2 b:2008](#), Household and similar electrical appliances - Safety - Part 2-6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances, \$166.00

[IEC 60335-2-13 Ed. 5.2 b:2008](#), Household and similar electrical appliances - Safety - Part 2-13: Particular requirements for deep fat fryers, frying pans and similar appliances, \$85.00

[IEC 60335-2-23 Ed. 5.1 b:2008](#), Household and similar electrical appliances - Safety - Part 2-23: Particular requirements for appliances for skin or hair care, \$123.00

[IEC 60335-2-32 Ed. 4.1 b:2008](#), Household and similar electrical appliances - Safety - Part 2-32: Particular requirements for massage appliances, \$62.00

[IEC 60335-2-50 Ed. 4.1 en:2008](#), Household and similar electrical appliances - Safety - Part 2-50: Particular requirements for commercial electric bains-marie, \$62.00

[IEC 60335-2-64 Ed. 3.1 en:2008](#), Household and similar electrical appliances - Safety - Part 2-64: Particular requirements for commercial electric kitchen machines, \$85.00

[IEC 60335-2-105 Ed. 1.1 b:2008](#), Household and similar electrical appliances - Safety - Part 2-105: Particular requirements for multifunctional shower cabinets, \$104.00

### SWITCHGEAR AND CONTROLGEAR (TC 17)

[IEC/TR 62271-310 Ed. 2.0 b:2008](#), High-voltage switchgear and controlgear - Part 310: Electrical endurance testing for circuit-breakers above a rated voltage of 52 kV, \$100.00

# Proposed Foreign Government Regulations

## Call for Comment

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

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

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

<http://www.nist.gov/notifyus/> and click on "Subscribe".

NCSCI is the WTO TBT Inquiry Point for the U.S. and receives all notifications and full texts of regulations to disseminate to U.S. Industry. For further information, please contact: NCSCI, NIST, 100 Bureau Drive, Gaithersburg, MD 20899-2160; Telephone: (301) 975-4040; Fax: (301) 926-1559; E-mail: [ncsci@nist.gov](mailto:ncsci@nist.gov) or [notifyus@nist.gov](mailto: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 to create and maintain 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 30+ 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 all membership categories:

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

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](mailto:jgarner@itic.org).

## ANSI Accredited Standards Developers

### Applications for Accreditation

#### Certification Institute of North America (CINA)

##### Comment Deadline: May 5, 2008

The Certification Institute of North America (CINA), a new ANSI Organizational Member, has submitted an application for accreditation under proposed operating procedures for documenting consensus on proposed American National Standards. CINA's proposed new scope of standards activity is as follows:

The resin, pipe, fitting, appurtenance and maintenance industry for gas distribution applications in the United States.

To obtain a copy of CINA's proposed operating procedures, or to offer comments, please contact: Mr. Wayne Bryce, President, Crossroads Corporate Center, One International Boulevard, Suite 400, Mahwah, NJ 07495; PHONE: (201) 512-8812; FAX: (201) 760-0582; E-mail: [wbryce@cinacert.com](mailto:wbryce@cinacert.com). Please submit your comments to CINA by May 5, 2008, with a copy to the Recording Secretary, ExSC in ANSI's New York Office (FAX: (212) 840-2298; E-mail: [jthompso@ansi.org](mailto:jthompso@ansi.org)).

As the proposed procedures are available electronically, the public review period is 30 days. You may view or download a copy of CINA's proposed operating procedures from ANSI Online 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>.

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

#### Comment Deadline: May 5, 2008

The International Association of Plumbing & Mechanical Officials (IAPMO), an ANSI Organizational Member and currently accredited standards developer, has submitted an application for accreditation as a developer of American National Standards under a new set of operating procedures with a different scope of standards activity from those standards that fall under IAPMO's current scope. IAPMO's proposed new scope of standards activity is as follows:

The provisions of the Uniform Swimming Pool & Hot Tub Code and Uniform Solar Energy Code shall apply to the erection, installation, alteration, addition, repair, relocation, replacement, maintenance, addition to, use or maintenance of any swimming pool, spa & hot tub and solar systems.

To obtain a copy of IAPMO's new proposed operating procedures, or to offer comments, please contact: Ms. Lynne Simnick, Director of Code Development, IAPMO, 5001 E. Philadelphia Street, Ontario, CA 91761; PHONE: (909) 472-4110; FAX: (909) 472-4152; E-mail: [lynne.simnick@iapmo.org](mailto:lynne.simnick@iapmo.org). Please submit your comments to IAPMO by May 5, 2008, with a copy to the Recording Secretary, ExSC in ANSI's New York Office (FAX: (212) 840-2298; E-mail: [jthompso@ansi.org](mailto:jthompso@ansi.org)). As the proposed procedures are available electronically, the public review period is 30 days. You may view or download a copy of IAPMO's new proposed operating procedures from ANSI Online 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>.

## Reaccreditation

### SAE International

#### Comment Deadline: May 5, 2008

SAE International, an ANSI Organizational Member and Accredited Standards Developer, has submitted revisions to its Technical Standards Board Governance Policy under which it was last reaccredited in 2003. As these revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of SAE's revised policy, or to offer comments, please contact: Ms. Cindy Reese, Senior Standards Specialist, SAE International, 755 West Big Beaver Road, Troy, MI 48084; PHONE: (248) 273-2470; FAX: (248) 273-2494; E-mail: [cindyreese@sae.org](mailto:cindyreese@sae.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%2fANSI%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d>.

Please submit any comments to SAE by May 5, 2008, with a copy to the ExSC Recording Secretary in ANSI's New York Office (FAX: (212) 840-2298; E-mail: [jthompson@ansi.org](mailto:jthompson@ansi.org)).

## ANSI-ASQ National Accreditation Board

### Occupational Health and Safety Management Systems

#### Notice of Accreditation

#### Certification Body

#### STR-Registrar LLC

The ANSI-ASQ National Accreditation Board for Certification Bodies of Occupational Health and Safety Management Systems is pleased to announce that the following certification body has earned accreditation:

#### STR-Registrar LLC

Me'chelle Kilman  
540 Route 519, Suite 6  
Belvidere, NJ 07823  
PHONE: (800) 903-5660  
E-mail: [mechelle.kilman@str-r.com](mailto:mechelle.kilman@str-r.com)

## International Organization for Standardization (ISO)

### Proposals for New Fields of ISO Technical Work

#### Energy Management

The ISO Technical management Board has approved the creation of a new ISO technical activity on Energy Management, with the secretariat allocated to the United States (ANSI) and the following scope:

Standardization in the field of energy management, including: energy supply, procurement practices for energy using equipment and systems, energy use, and any use-related disposal issues. The standard will also address measurement of current energy usage, and implementation of a measurement system to document, report, and validate continuous improvement in the area of energy management.

Those wishing to participate in this new activity are invited to contact Ms. Deann Desai:  
[deann.desai@innovate.gatech.edu](mailto:deann.desai@innovate.gatech.edu).

### Network Services Billing

The ISO Technical management Board has approved the creation of a new ISO technical activity on Network Services Billing, with the secretariat allocated to Israel (SII) and the following proposed scope:

Standardization in the field of Network services billing.

Formation and accreditation of a US/TAG is required for the US to register as a Participating member of this committee.

More information can be obtained for review by contacting Rachel Howenstine via email at [rhowenstine@ansi.org](mailto:rhowenstine@ansi.org).

### Product Recall

The ISO Technical management Board has approved the creation of a new ISO technical activity on Product Recall, with the secretariat allocated to Malaysia (DSM) and the following proposed scope:

This guidance standard would provide a model code of good practice for consumer product recalls, with corrective actions, including: repair; placement; repurchase, and public notice. Such corrective actions include a range of remedies affecting the product, including actions applying to product in the manufacturer's inventory, the distributor's inventory, on retail shelves and in consumer hands. This guidance standard would cover principles and provide practical guidance in establishing, implementing and managing an effective, flexible and responsive consumer product corrective action/recall program. This standard would also include guidance about what triggers a recall. It is proposed that this standard would apply to consumer products, including electrical and gas household appliances. However, it would not directly address products such as food, drugs, medical devices or automobiles as these categories of products are subject to highly developed regulatory requirements in many jurisdictions. However, the general principles could potentially be used by any consumer product sector. This standard is designed for use by: manufacturers, retailers, importers, testing organizations, providers of third party recall services, legal firms, government regulators and consumer/safety organizations.

Formation and accreditation of a US/TAG is required for the US to register as a Participating member of this committee.

More information can be obtained for review by contacting Rachel Howenstine via email at [rhowenstine@ansi.org](mailto:rhowenstine@ansi.org).

### Road Safety Management

The ISO Technical management Board has approved the creation of a new ISO technical activity on Road Safety Management, with the secretariat allocated to Sweden (SIS) and the following proposed scope:

Standardization in the field of Road-Traffic Safety Management System

Formation and accreditation of a US/TAG is required for the US to register as a Participating member of this committee.

More information can be obtained for review by contacting Rachel Howenstine via email at [rhowenstine@ansi.org](mailto:rhowenstine@ansi.org).

# U.S. Technical Advisory Groups

## Call for Comment

### INCITS J4 (the US TAG to ISO/IEC JTC 1/SC22/WG4)

#### Comment Deadline: May 4, 2008

INCITS J4 (the US TAG to ISO/IEC JTC 1/SC22/WG4)  
requests comments on the following:

ISO/IEC CD 1989, Information technology – Programming  
languages, their environments and system software  
interfaces – Programming language COBOL (SC22 N4315)

Copies of the CD are available from <http://j4.incits.org>. Send  
your comments to Mr. Bob Karlin,  
[cd1989@karlinskorner.com](mailto:cd1989@karlinskorner.com).

## IIAR 2 – 200x Public Review #3

The following sections are open for comment during this 30-day public review period. Text that is underlined is new and text with ~~striketrough~~ has been deleted.

### **Remove Section 9.1.4:**

~~Where carbon steel is used for vessels, the material's minimum yield stress shall not exceed 50 ksi [350 MPa].~~

### **Section 10.4.5:**

For piping that is insulated, supports must be designed and/or the insulation must be selected to avoid damage to the insulation ~~to protect the insulation~~ from compression damage.

### **Section 13.3.1.6:**

When required, emergency remote controls to stop the action of the refrigerating compressors shall be provided and located immediately outside the machinery room.

~~Emergency controls, capable of interrupting power to all electrically operated equipment and appliances within a machinery room space, except emergency ventilation fans, refrigerant leak detectors, and any devices which are Class I Group D compliant shall be provided. Manual emergency controls shall be located immediately outside each machinery room personnel exit door. Automatic emergency controls shall activate at a concentration of refrigerant vapor no greater than 25% of the LFL or 40,000 ppm.~~

### **Section 15.1.7.4:**

The system shall be carefully inspected for leaks. All discovered leaks shall be repaired, all defective welds shall be repaired ~~replaced~~ and the test procedure repeated until the system is proven tight with respect to the ammonia leak test. The system shall be maintained at test pressure for a minimum of 24 hr total ammonia test time.

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Plumbing system components for  
recreational vehicles

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## **10 Waste holding tanks**

### **10.1 Design and construction**

**10.1.1** Tanks shall have interior surfaces free of recessed areas and shall have internal corners with a continuous radius of at least 1 in (25.4 mm). Tanks shall have a minimum uniform slope of 2 in (17.2 mm) per ft (0.3 m) to a 3-in (76.2 mm) minimum diameter drain outlet. Tanks shall be at least 3 in (76.2 mm) deep.

**10.1.2** Tanks shall be reinforced to withstand the normal stresses of the use environment such as road shock or vibration.

**10.1.3** Body waste tank inlet connections shall be vertical and shall have a nominal 3.0-in (76.2 mm) diameter minimum pipe size. The inlet may be integrated with a standard closet flange. Liquid waste tank inlet connections shall be vertical and shall have a nominal 1.5-in (38.1 mm) diameter minimum pipe size.

**10.1.4** Tanks shall be provided with a vent connection installed at the highest point or top of the tank. The connection shall be at least a nominal 1-¼-in IPS diameter to permit a nominal 1-¼-in vent takeoff to rise vertically. The vent connection shall not extend more than 2.0 in (17.2 mm) below the inside top of the tank.

**10.1.5** Tanks shall be provided with a drain opening at the lowest point.

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## **NSF/ANSI 49-2007**

### **Biosafety Cabinetry: Design, Construction, Performance, and Field Certification** ~~Class II (laminar flow) biosafety cabinetry~~

#### **1 General**

##### **1.1 Scope**

This Standard applies to Class II (laminar flow) biosafety cabinetry designed to minimize hazards inherent in work with agents assigned to biosafety levels 1, 2, 3, or 4. It also defines the tests that shall be passed by such cabinetry to meet this Standard. This Standard includes basic requirements for the design, construction, and performance of biosafety cabinets that are intended to provide personnel, product, and environmental protection; reliable operation; durability and structural stability; cleanability; limitations on noise level; illumination; vibration; and motor/blower performance.

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## BSR/UL 5A

### 1. Flush Duplex Receptacle Securement

4.7.3 In the United States, a wiring device cover constructed to support a flush duplex receptacle shall be provided with more than one securement point for the receptacle. In Canada, this requirement does not apply.

### 2. Conduit Identification Marking

7.4 Each length of raceway, and each fitting intended for use with the raceway, shall be marked with:

- a) the name of the manufacturer or the manufacturer's trade name for the raceway and fittings, or both, or
- b) any other distinctive marking by means of which the organization responsible for the raceway and fittings can be readily identified, and
- c) if practicable, the catalog number or its equivalent.

~~A private labeler may also be identified.~~

## **BSR/UL 444**

### **Standard for Communications Cables**

5.1.1 The conductors shall be solid or stranded, annealed, bare or metal-coated copper. The centre conductor of CMP, CMR, CMG, CM, CMH and CMX coaxial cables made of copper-clad steel shall have 21 percent or higher conductivity in accordance with ASTM Standard B 869. ~~If the insulation adjacent to the copper conductor is of a material that corrodes unprotected copper in the test described in Clause 7.1, the conductor shall be covered with a coating of tin complying with ASTM Standard B 33, of lead or lead-alloy complying with ASTM Standard B 189, of nickel complying with ASTM Standard B 355, of silver complying with ASTM Standard B 298, or of another metal or alloy (evaluation shall be required). Metal-coating a conductor on which the coating is not required for corrosion protection shall be permitted. When this is done, the 100 per cent coverage requirement of the relevant ASTM Standard shall be waived.~~

~~The maximum temperature rating of cables relative to the diameter and coating of solid copper conductors or copper conductor strands shall not be higher than those shown in Table 1.~~

5.1.2 In the United States, the centre conductor of CMP, CMR, CMG, CM, CMH and CMX coaxial cables made of copper-clad aluminum shall be in accordance with ASTM B 556.

In Canada, this requirement does not apply.

5.1.3 If the insulation adjacent to the copper conductor is of a material that corrodes unprotected copper in the test described in Clause 7.1, the conductor shall be covered with a coating of tin complying with ASTM Standard B 33, of lead or lead-alloy complying with ASTM Standard B 189, of nickel complying with ASTM Standard B 355, of silver complying with ASTM Standard B 298, or of another metal or alloy (evaluation shall be required). Metal-coating a conductor on which the coating is not required for corrosion protection shall be permitted. When this is done, the 100 per cent coverage requirement of the relevant ASTM Standard shall be waived.

The maximum temperature rating of cables relative to the diameter and coating of solid copper conductors or copper conductor strands shall not be higher than those shown in Table 1.

***NOTE – Paragraphs 5.1.2 through 5.1.8 in the ballot document dated January 18, 2008 are not being revised but will be renumbered upon publication as shown below.***

5.1.4 ~~5.1.2~~ For stranded conductors, the length of lay of the strands shall not exceed 20 times the calculated diameter over the assembled conductor for No. 19 – 6 AWG conductor, or 30 times for No. 30 – 20 AWG conductor. The direction of lay of the strands may be right- or left-hand.

5.1.5 ~~5.1.3~~ The conductors shall be continuous when tested in accordance with Clause 6.2.

5.1.6 ~~5.1.4~~ The size of the copper conductor shall be determined either by means of the resistance shown in Tables 2 and 3, or by means of the dimensions shown in Table 5. In case of dispute, the resistance method shall be the referee method. Applications for various AWG sizes and conductor compositions are shown in Table 4.

5.1.7 ~~5.1.5~~ Resistance shall be determined in accordance with Clause 7.16.

5.1.8 ~~5.1.6~~ Dimensions shall be determined in accordance with Clause 7.17.

5.1.9 ~~5.1.7~~ A joint in a solid conductor or in one of the individual wires of a stranded conductor shall be made in a skillful manner, shall be essentially smooth, and shall not have any sharp projections.



A joint in a stranded conductor may be made by:

- a) Separately joining each individual wire; or
- b) Machine brazing or welding of the conductor as a whole.

In either case, the resulting solid section of the stranded conductor shall be not longer than 13 mm (1/2 in), there shall be no sharp points, and the distance between brazes or welds in a single conductor shall not average less than 915 m (3000 ft) in any reel length of insulated single conductor.

A joint made before insulation is applied to a conductor shall not increase the diameter of the solid conductor or individual wire (strand). A joint made after insulating shall not increase the diameter of the solid conductor or individual wire (strand) by more than 20%.

The insulation applied to joints after insulating shall be equivalent to that removed (heat-shrinkable tubing, bonded patch, and molding have been accepted but taping has not) and shall comply with the requirements in this Standard.

5.1.10 ~~5.1.8~~ Any section of a conductor that includes a factory joint shall have a breaking strength that is not less than 85% of the breaking strength of an adjacent section of the conductor without a joint.

7.13.3 The impact energy shall be provided by a weight in the form of a circular steel cylinder having a diameter of  $25 \text{ mm} \pm 0.1 \text{ mm}$  ( $1.0 \text{ in} \pm 0.04 \text{ in}$ ) and a flat impact face that is perpendicular to the longitudinal axis of the weight and has rounded edges. The weight of  $0.11 \text{ kg} \pm 0.002 \text{ kg}$  ( $4/4 \text{ } 0.25 \text{ lb} \pm 0.0005 \text{ lb}$ ) shall ~~be 25 mm (1.0 in) long to~~ enable the weight, when dropped from the height indicated in Clause 7.13.8, to supply an energy of  $0.34 \text{ J} \pm 0.02 \text{ J}$  ( $3 \text{ in lbf} \pm 0.18 \text{ in lbf}$ ) to the cable.

8.4.3 Cable ~~the~~ that complies with the requirements in Clause ~~7.2.3~~ 7.23 may be marked with the suffix "~~C1~~" "CI". If so marked, the suffix "-CI" shall be added immediately after the cable designation. This marking is not required.

## Standard for Transformer-Type Arc-Welding Machines, BSR/UL 551

### PROPOSAL

1.1 These requirements cover limited duty welding and cutting power sources, wire feeders, torches, and electrode holders that are intended for use by a layperson in a nonindustrial setting ~~arc-welding machines of the transformer type rated 600 volts or less, to be used~~ in accordance with the National Electrical Code, NFPA 70. Products covered by these requirements include only those welding products rated 600 volts or less, and are commonly known as hobby welders.

1.2 These requirements do not cover motor-generator sets or rectifier- or resistance-type welding machines. These requirements do not cover industrial or professional use welders.

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BSR/UL 924-200x

## 17. Revision of test method for standby rating input test

### PROPOSAL

48.3 Equipment marked per 70.1.40 with a standby electrical rating is to be charged for ~~468 hours~~ or the minimum period of time for full recharge marked either on the product or in the instructions or other literature provided with the product. If the equipment is not marked or otherwise provided with a battery charge time specification, the battery is to be charged for 168 hours. After being charged, the input current and wattage are to be measured periodically or continuously monitored over a 24 - 48 hour period. The average of no less than six measurements evenly spaced over the time period shall be determined. The marked standby rating shall be not less than 90 percent of the average value measured.

## 32. Delete requirement that photoluminescent signs in accordance with Supplement G are for use only indoors

### PROPOSAL

SG1.3 Photoluminescent signs evaluated in accordance with this Supplement are for indoor dry or damp locations where not exposed to direct unfiltered sunlight, liquids, or temperatures outside the range of 10 - 40°C (50 - 104°F).

*Exception: Signs that have been tested in accordance with 41.1.12 SG4.1.3 are considered suitable for wet locations and are permitted to be marked accordingly*

~~41.1.12 For exit signs evaluated and marked as "Suitable for wet locations", the samples subjected to either the Observation Visibility Test (41.2) or Luminance Measurement Test (41.3) shall be first subjected to the ultraviolet light exposure test conditions of the Standard for Polymeric Materials - Use in Electrical Equipment Evaluations, UL 746C.~~

~~*Exception No. 1: Exit signs marked "Suitable for indoor wet locations".*~~

~~*Exception No. 2: Exit signs whose exposed background, legend and directional indicator materials are known to be resistant to the effects of ultraviolet radiation.*~~

## 36. Require overload and endurance testing of relays

### PROPOSAL

5.3 A component shall be used in accordance with its recognized rating established for the intended conditions of use. Load control devices shall be rated for the type(s) of loads controlled.

### ~~67A Overload and Endurance Test~~

~~67A.1 Automatic load control relays shall be evaluated for the voltage, current and type of load they are intended to control.~~

~~67A.2 Evaluation shall be as specified in Components, Section 5.~~

## 37. Add required marking of relays based on type of load

### PROPOSAL

68.1 The electrical ratings of emergency lighting and power equipment shall include:

a) For each input supply circuit, the following:

1) Input voltage;

- 2) Frequency expressed in hertz, Hz, cycles-per-second, cps, cycles/second, or c/s;
- 3) Maximum input expressed in:
  - i) Either amperes or watts for equipment having a power factor of 0.9 to 1.0;
  - ii) Either amperes or both watts and power factor for equipment having a power factor less than 0.9. The power factor shall be lagging unless marked leading; and
- 4) The number of phases or wires (if other than single phase).

*Exception: An exit fixture intended to be directly connected to the supply source, without a transformer or a step down circuit, and using incandescent lamps need only be rated for voltage.*

b) For each output circuit, the following:

- 1) Direct Current Output Circuits:
  - i) The maximum output current or wattage;
  - ii) The nominal system voltage; and
  - iii) The phrase "DC."
- 2) Alternating Current Output Circuits:
  - i) The maximum current or volt-ampere (VA) output. Low frequency inverters shall be rated in amperes or kW output at unity power factor;
  - ii) The nominal system voltage;
  - iii) The permissible load power factor range expressed in both lead and lag;

*Exception: The permissible specific load types (tungsten, ballast, motor) shall be provided for automatic load control relays supplying remote loads.*

  - iv) The number of phases or wires (if other than single phase); and
  - v) The frequency expressed in hertz, Hz, cycles-per-second, cps, cycles/second, or c/s.

c) For fuses - the maximum ampere rating of the fuse to be installed in each fuseholder provided as a part of the device.

~~70.1.42 Automatic load control relays or the load terminals they supply shall be marked with complete electrical ratings, including load type, for which the relay was evaluated.~~

**BSR/UL 1484-200x**

4A.1 The unit (including the sensor but excluding batteries) shall have a specified lifetime of at least 3 years from the date of manufacture, or from the date the unit is placed into service. If the manufacturer bases the specified lifetime on the date that the unit is placed into service, this specification shall be substantiated with technical data documenting that performance degradation is not likely to occur prior to the unit being placed into service, if the unit is placed into service within 18 months after manufacture. The selection of which basis is employed to define the beginning of specified lifetime may be contingent upon the technology of the sensor used in the unit.

4A.2 The unit shall indicate end-of-life, based on the manufacturer's specified lifetime, with an end-of-life signal (see ~~3.8A~~ 3.6A). This signal shall be triggered either by an internal timer or by self-diagnostic test(s). See 43.1.11.

- a) For a unit that employs a signal generated by an internal time, once maximum specified lifetime is reached the end-of-life signal shall be initiated. The timer can be reset repeatedly, for a period not exceeding 72 hours for each period of reset, if self-diagnostic test(s) indicate that the unit still meets the requirements of this standard. The timer shall not be able to be reset after 30 days following the initial end-of-life signal.
- b) For a unit that employs a signal generated by a self-diagnostic test, once this test has determined the device no longer meets the requirements of this standard, the end-of-life signal shall be initiated.
- c) If the sensor is automatically and periodically tested for response to gas, then the unit's specified lifetime calculations can exclude the sensor component.

Verification of end-of-life signal

43.1.11 The end-of-life signal shall be verified in the following manner:

- a) For a unit that employs a signal generated by an internal timer, a minimum of 4 samples with a speed up feature to permit the specified lifetime to be simulated in a reduced time frame, shall be tested. The manufacturer shall provide data documenting the degree that the timer is accelerated. The test shall be conducted to verify that the end-of-life signal is produced within the manufacturer's specified tolerances.
- b) For a unit that employs a signal generated by a self-diagnostic test, a minimum of 4 samples shall be provided with their performance degraded to the point where they are generating the end-of-life signal. The manufacturer shall provide documentation that illustrates the similarity between the condition of the sensors in these samples, and the condition of the sensors in these samples, and the condition that the sensors are expected to be in at the end of their useful life. Their detection threshold shall be evaluated per 43.1.3.

50.1 (item h) Distinction between alarm, end-of-life and trouble signals. The distinction may appear in the instruction manual.

51.1 (item c) Detailed information on the alarm, end-of-life and trouble signals and an indication where false alarms or trouble signals would be anticipated.

51.3 The material shipped with the detector, including the package, instructions, and owner's manual, shall not include information other than that specified in 51.1, such as manufacturer's claims on the operation of the detector that have not been substantiated by the performance tests in this standard. The package shall also include the end-of-life information described in 51.1 (d).