ANSI STANDARDS ACTION

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## Contents



# American National Standards

## Call for comment on proposals listed

This section solicits public comments on proposed draft new American National Standards, including the national adoption of ISO and IEC standards as American National Standards, and on proposals to revise, reaffirm or withdraw approval of existing American National Standards. A draft standard is listed in this section under the ANSI-accredited standards developer (ASD) that sponsors it and from whom a copy may be obtained. Comments in connection with a draft American National Standard must be submitted in writing to the ASD no later than the last day of the comment period specified herein. Such comments shall be specific to the section(s) of the standard under review and include sufficient detail so as to enable the reader to understand the commenter's position, concerns and suggested alternative language, if appropriate. Please note that the ANSI Executive Standards Council (ExSC) has determined that an ASD has the right to require that interested parties submit public review comments electronically.

**Ordering Instructions for "Call-for-Comment" Listings**

1. **Order from the organization indicated for the specific proposal.**
2. **Use the full identification in your order, including the BSR prefix; for example, Electric Fuses BSR/SAE J554.**
3. **Include remittance with all orders.**
4. **BSR proposals will not be available after the deadline of call for comment.**

Comments should be addressed to the organization indicated, with a copy to the Board of Standards Review, American National Standards Institute, 25 West 43rd Street, New York, NY 10036. Fax: 212-840-2298; e-mail: psa@ansi.org

★ Standard for consumer products



ISSN 0038-9633

# Comment Deadline: September 16, 2007

## ASME (American Society of Mechanical Engineers)

### *Addenda*

BSR/ASME MFC-3Ma-200x, Measurement of Fluid Flow in Pipes Using Orifice, Nozzle and Venturi (addenda to ANSI/ASME MFC-3M-2004)

Specifies the geometry and method of use (installation and operating conditions) for pressure-differential devices (including but not limited to, orifice plates, flow nozzles, and venturi tubes) when installed in a closed conduit running full and used to determine the flow-rate of the fluid flowing in the conduit.

Click here to see these changes in full, or look at the end of "Standards Action."

Send comments (with copy to BSR) to: Calvin Gomez, ASME; gomezc@asme.org

## UL (Underwriters Laboratories, Inc.)

### *Revisions*

BSR/UL 823-200x, Standard for Safety for Electric Heaters for Use in Hazardous (Classified) Locations (revision of ANSI/UL 823-2006)

These requirements cover:
- explosion and dust-ignition proof, dust-tight portable, and fixed electric heaters for installation and use in hazardous (class) locations, CII, Divisions 1 and 2, Groups A, B, C, and D; Cl and II, Division 1, Groups E, F, and G; Cl and II, Division 2, Groups F and G; and Cl and III, Divisions 1 and 2, in accordance with NEC, NFPA 70;
- explosion-proof electrical equipment for the installation and use in CII, Zone 1, Groups IIA, IIB, and IIC hazardous (class) location and equipment invested for use in one or more specific gas or vapor atmospheres with or without additional CII Groups;
- electric air heaters, electric hot-water or steam radiators, and electric hot plates rated 600 v or less; and
- paint heaters, rated 600 v or less.

Click here to see these changes in full, or look at the end of "Standards Action."

Send comments (with copy to BSR) to: Patti Van Laeke, UL-NC; Patricia.Vanlaeke@us.ul.com

BSR/UL 879-200x, Electric Sign Components (revision of ANSI/UL 879-2005)

Contains changes to:
- Flexible sign faces requirements; and
- Table 4.3, Part II, Rows R - V.

Click here to see these changes in full, or look at the end of "Standards Action."

Send comments (with copy to BSR) to: Megan VanHeirseele, UL-IL; Megan.M.VanHeirseele@us.ul.com

BSR/UL 2034-200x, Single and Multiple Station Carbon Monoxide Alarms (revision of ANSI/UL 2034-2005)

Provides testing representative of the harsh operating temperatures occasionally encountered by carbon monoxide alarms for marine use.

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: October 1, 2007

## AHAM (Association of Home Appliance Manufacturers)

### *Revisions*

★ BSR/AHAM HRF-1-200x, Energy, Performance and Capacity of Household Refrigerators, Refrigerator-Freezers, and Freezers (revision of ANSI/AHAM HRF-1-2004)

Establishes a uniform and repeatable procedure or standard method for measuring specified product characteristics of household refrigerators, household wine chillers, and household freezers. The standard methods and the recommended levels of performance, where they appear, are intended to provide a means by which different brands and models of household refrigerators, household wine chillers and household freezers can be compared and evaluated with respect to characteristics of significance in the design and use of the products.

Single copy price: Free

Order from: Jennifer Moyer, AHAM; jmoyer@aham.org

Send comments (with copy to BSR) to: Same

## API (American Petroleum Institute)

### *New National Adoptions*

BSR/API RP 19C-ISO 13503-2, 1st Edition-200x, Recommended Practice for Measurement of Properties of Proppants Used in Hydraulic Fracturing and Gravel-Packing Operations (identical national adoption of ISO 13503-2)

Provides standard testing for evaluating proppants used in hydraulic fracturing and gravel-packing operations and a consistent methodology for testing performed on hydraulic fracturing and/or gravel-packing proppants.

Single copy price: $25.00

Obtain an electronic copy from: Carriann Kuryla; API; kurylac@api.org

Order from: Carriann Kuryla; API; kurylac@api.org

Send comments (with copy to BSR) to: Same

## ARI (Air-Conditioning and Refrigeration Institute)

### *New Standards*

BSR/ARI Standard 440-200x, Performance Rating of Room Fan Coils (new standard)

Applies to room fan-coils.

Single copy price: $10.00 (ARI members); $20.00 (non-members)

Obtain an electronic copy from: http://www.ari.org/standardscert/standards/440-2005.htm

Order from: Doug Burke, ARI; dburke@ari.org

Send comments (with copy to BSR) to: Duane Brown, ARI; dbrown@ari.org

BSR/ARI Standard 640-200x, Performance Rating of Commercial and Industrial Humidifiers (new standard)

Applies to factory-made commercial and industrial humidifiers.

Single copy price: $15.00 (ARI members); $30.00 (non-members)

Obtain an electronic copy from: http://www.ari.org/standardscert/standards/640-2005.htm

Order from: Doug Burke, ARI; dburke@ari.org

Send comments (with copy to BSR) to: Duane Brown, ARI; dbrown@ari.org

BSR/ARI Standard 710-200x, Performance Rating of Liquid-Line Driers (new standard)

Applies to liquid-line driers utilizing solid desiccants designed for use in the liquid line of all types of refrigeration and air-conditioning systems.

Single copy price: $12.50 (ARI members); $25.00 (non-members)

Obtain an electronic copy from: http://www.ari.org/standardscert/standards/710-2004.htm

Order from: Doug Burke, ARI; dburke@ari.org

Send comments (with copy to BSR) to: Duane Brown, ARI; dbrown@ari.org

BSR/ARI Standard 730-200x, Flow-Capacity Rating of Suction-Line Filters and Suction-Line Filter-Driers (new standard)

This standard applies to suction-line filters and suction-line filter-driers.

Single copy price: $5.00 (ARI members); $10.00 (non-members)

Obtain an electronic copy from: http://www.ari.org/standardscert/standards/730-2005.htm

Order from: Doug Burke, ARI; dburke@ari.org

Send comments (with copy to BSR) to: Duane Brown, ARI; dbrown@ari.org

BSR/ARI Standard 900-200x, Performance Rating of Thermal Storage Equipment Used for Cooling (new standard)

Applies to thermal storage equipment used for cooling, which may be charged and discharged with any of a variety of heat transfer fluids.

Single copy price: $25.00 (ARI members); $50.00 (non-members)

Obtain an electronic copy from: http://www.ari.org/standardscert/standards/900-2004.htm

Order from: Doug Burke, ARI; dburke@ari.org

Send comments (with copy to BSR) to: Duane Brown, ARI; dbrown@ari.org

### *Revisions*

BSR/ARI Standard 460-200x, Performance Rating of Remote Mechanical-Draft Air-Cooled Refrigerant Condensers (revision of ANSI/ARI 460-2000)

This standard applies to remote mechanical-draft air-cooled refrigerant condensers.

Single copy price: $10.00 (ARI members); $20.00 (non-members)

Obtain an electronic copy from: http://www.ari.org/standardscert/standards/460-2005.htm

Order from: Doug Burke, ARI; dburke@ari.org

Send comments (with copy to BSR) to: Duane Brown, ARI; dbrown@ari.org

BSR/ARI Standard 870-200x, Performance Rating of Direct Geoexchange Heat Pumps (revision of ANSI/ARI 870-2001)

Applies to factory-made residential, commercial and industrial direct geoexchange heat pumps.

Single copy price: $10.00 (ARI members); $20.00 (non-members)

Obtain an electronic copy from: http://www.ari.org/standardscert/standards/870-2001.htm

Order from: Doug Burke, ARI; dburke@ari.org

Send comments (with copy to BSR) to: Duane Brown, ARI; dbrown@ari.org

BSR/ARI Standard 1060-200x, Performance Rating of Air-to-Air Heat Exchangers for Energy Recovery Ventilation Equipment (revision of ANSI/ARI 1060-2001)

Applies to factory-made air-to-air heat exchangers for use in air-to-air energy recovery ventilation equipment.

Single copy price: $10.00 (ARI members); $20.00 (non-members)

Obtain an electronic copy from: http://www.ari.org/standardscert/standards/1060-2005.htm

Order from: Doug Burke, ARI; dburke@ari.org

Send comments (with copy to BSR) to: Duane Brown, ARI; dbrown@ari.org

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

### *Withdrawals*

ANSI/ASAE S547-DEC 2002, Tip Over Protective Structures (TIPS) for Front Wheel Drive Turf and Landscape Equipment (withdrawal of ANSI/ASAE S547-DEC 2002)

Establishes test procedures and performance requirements of a Tip-Over Protective Structure (TOPS) designed for front-wheel-drive turf and landscape equipment to minimize the frequency and severity of crushing operator injury resulting from accidental machine upset.

Single copy price: $40.00

Obtain an electronic copy from: vangilder@asabe.org

Order from: Carla VanGilder, ASABE; vangilder@asabe.org

Send comments (with copy to BSR) to: Same

## CEA (Consumer Electronics Association)

### *New Standards*

BSR/CEA 608-D-200x, Line 21 Data Services (new standard)

BSR/CEA 608-D is a technical standard and guide for using or providing closed captioning services or other data services embedded in line 21 of the vertical blanking interval of the NTSC video signal.

Single copy price: $187.00

Obtain an electronic copy from: http://global.ihs.com

Order from: Global Engineering Documents; http://global.ihs.com

Send comments (with copy to BSR) to: Alayne Bell, CEA; ABell@CE.org; Carce@ce.org

★ BSR/CEA 909-A-200x, Antenna Control Interface (new standard)

Describes an antenna control interface for receiving terrestrial transmissions, the primary use of which is to facilitate television reception. It allows any receiver to operate with any antenna, regardless of manufacturer. CEA 909-A defines the data algorithms used, connection standards, and other requirements. The antenna configuration is neither specified nor implied, leaving certain antenna design considerations to the manufacturer.

Single copy price: $75.00

Obtain an electronic copy from: http://global.ihs.com

Order from: Global Engineering Documents; http://global.ihs.com

Send comments (with copy to BSR) to: Alayne Bell, CEA; ABell@CE.org; Carce@ce.org

★ BSR/CEA 2017.1-200x, Serial Communication Protocol for Portable Electronic Devices (new standard)

Describes a serial communication protocol that enables command and control communication between portable electronic devices and accessories attached to those devices. This protocol builds upon functions provided by the MOST (R) network developed by the MOST Cooperation (www.mostcooperation.com). (MOST (R) is a registered trademark of the MOST Cooperation.)

Single copy price: $138.00

Obtain an electronic copy from: http://global.ihs.com

Order from: Global Engineering Documents; http://global.ihs.com

Send comments (with copy to BSR) to: Megan Hayes, CEA; mhayes@ce.org; Carce@ce.org

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

### *Revisions*

BSR/IAPMO UPC 1-200x, Uniform Plumbing Code (revision of ANSI/IAPMO UPC 1-2006)

Provides minimum standards and requirements to safeguard life or limb, health, property and public welfare by regulating and controlling the design, construction, installation, quality of materials, location, operation, and maintenance or use of plumbing systems. The provisions of this code apply to the erection, installation, alteration, repair, relocation, replacement, addition to, use, or maintenance of plumbing systems.

Single copy price: $10.00

Obtain an electronic copy from: lynne.simnick@iapmo.org

Order from: Lynne Simnick, IAPMO; Lynne.simnick@iapmo.org

Send comments (with copy to BSR) to: Gabriella Davis, IAPMO; gabriella.davis@iapmo.org

BSR/IAPMO UMC 1-200x, Uniform Mechanical Code (revision of ANSI/IAPMO UMC 1-2006)

Provides minimum standards to safeguard life or limb, health, property and public welfare by regulating and controlling the design, construction, installation, quality of materials, location, operation and maintenance or use of heating, ventilating, cooling, refrigeration systems, incinerators and other miscellaneous heat-producing appliances. The provisions of this code apply to the erection, installation, alteration, repair, relocation, replacement, addition to, use or maintenance of mechanical systems.

Single copy price: $10.00

Obtain an electronic copy from: lynne.simnick@iapmo.org

Order from: Lynne Simnick, IAPMO; Lynne.simnick@iapmo.org

Send comments (with copy to BSR) to: Gabriella Davis, Standards Council Secretary

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

### *Reaffirmations*

BSR CGATS.20-2002 (R200x), Graphic Technology - Variable printing data exchange using PPML and PDF (PPML/VDX) (reaffirmation of ANSI CGATS.20-2002)

Specifies the methods for the use of the Personalized Print Markup Language (PPML) and the Portable Document Format (PDF) for the exchange or identification of all elements necessary to render a variable data imaging job as intended by the sender. This standard specifies document layout and content data and makes provision for product intent specifications using the Job Definition Format (e.g., paper selection, binding, finishing, etc.).

Single copy price: $40.00

Obtain an electronic copy from: mabbott@npes.org

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

Send comments (with copy to BSR) to: Same

BSR CGATS/ISO 15790-2005 (R200x), Graphic technology and photography - Certified reference materials for reflection and transmission metrology - Documentation and procedures for use, including determination of combined standard uncertainty (reaffirmation of ANSI CGATS/ISO 15790-2005)

Specifies the documentation requirements for certified reference materials (CRMs), procedures for the use of CRMs, and procedures for the computation and reporting of the combined standard uncertainty of reflectance and transmittance measurement systems used in graphic arts, photographic and other imaging industries.

Single copy price: $35.00

Obtain an electronic copy from: mabbott@npes.org

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

Send comments (with copy to BSR) to: Same

BSR CGATS/ISO 15930-3-2004/ISO 15930-3-2002 (R200x), Graphic technology- Prepress digital data exchange - Use of PDF - Part 3: Complete exchange suitable for color-managed workflows (PDF/X-3) (reaffirmation of ANSI CGATS/ISO 15930-3-2004/ISO 15930-3-2002)

Specifies the use of the Portable Document Format (PDF) for the dissemination of complete digital data, in a single exchange, that contains all elements necessary for final print reproduction. These exchanges will support both color-managed workflows and traditional CMYK workflows.

Single copy price: $25.00

Obtain an electronic copy from: mabbott@npes.org

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

Send comments (with copy to BSR) to: Same

BSR IT8.6-2002 (R200x), Graphic technology - Prepress digital data exchange - Diecutting data (DDES3) (reaffirmation of ANSI IT8.6-2002)

Establishes a data exchange format to enable transfer of numerical control information between diecutting systems and between diecutting systems and electronic prepress systems.

Single copy price: $20.00

Obtain an electronic copy from: mabbott@npes.org

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

Send comments (with copy to BSR) to: Same

## NSF (NSF International)

### *Revisions*

BSR/NSF 42-200x (i62), Drinking water treatment units - Aesthetic effects (revision of ANSI/NSF 42-2002a)

Issue 62 - To clarify the formulation review requirements and provide consistency between the Drinking Water treatment Unit Standards and ANSI/NSF 60 and ANSI/NSF 61.

Single copy price: $35.00

Obtain an electronic copy from: www.techstreet.com/cgi-bin/browsePublisher?publisher_id=133&subgroup_id=10020

Order from: Lorna Badman, NSF; badman@nsf.org;durbin@nsf.org

Send comments (with copy to BSR) to: Same

BSR/NSF 44-200x (i29), Residential cation exchange water softners (revision of ANSI/NSF 44-2004)

Issue 29 - To clarify the formulation review requirements and provide consistency between the Drinking Water treatment Unit Standards and ANSI/NSF 60 and ANSI/NSF 61.

Single copy price: $35.00

Obtain an electronic copy from: www.techstreet.com/cgi-bin/browsePublisher?publisher_id=133&subgroup_id=10020

Order from: Lorna Badman, NSF; badman@nsf.org;durbin@nsf.org

Send comments (with copy to BSR) to: Same

BSR/NSF 53-200x (i69), Drinking water treatment units - Health effects (revision of ANSI/NSF 53-2007)

Issue 69 - To clarify the formulation review requirements and provide consistency between the Drinking Water treatment Unit Standards and ANSI/NSF 60 and ANSI/NSF 61.

Single copy price: $35.00

Obtain an electronic copy from: www.techstreet.com/cgi-bin/browsePublisher?publisher_id=133&subgroup_id=10020

Order from: Lorna Badman, NSF; badman@nsf.org;durbin@nsf.org

Send comments (with copy to BSR) to: Same

BSR/NSF 55-200x (i26), Ultraviolet microbiological water treatment systems (revision of ANSI/NSF 55-2002)

Issue 26 - To clarify the formulation review requirements and provide consistency between the Drinking Water treatment Unit Standards and ANSI/NSF 60 and ANSI/NSF 61.

Single copy price: $35.00

Obtain an electronic copy from: www.techstreet.com/cgi-bin/browsePublisher?publisher_id=133&subgroup_id=10020

Order from: Lorna Badman, NSF; badman@nsf.org;durbin@nsf.org

Send comments (with copy to BSR) to: Same

BSR/NSF 58-200x (i53), Reverse osmosis drinking water treatment systems (revision of ANSI/NSF 58-2006)

Issue 53 - To clarify the formulation review requirements and provide consistency between the Drinking Water treatment Unit Standards and ANSI/NSF 60 and ANSI/NSF 61.

Single copy price: $35.00

Obtain an electronic copy from: www.techstreet.com/cgi-bin/browsePublisher?publisher_id=133&subgroup_id=10020

Order from: Lorna Badman, NSF; badman@nsf.org;durbin@nsf.org

Send comments (with copy to BSR) to: Same

BSR/NSF 62-200x (i18), Drinking water distillation systems (revision of ANSI/NSF 62-2004)

Issue 18 - To clarify the formulation review requirements and provide consistency between the Drinking Water treatment Unit Standards and ANSI/NSF 60 and ANSI/NSF 61.

Single copy price: $35.00

Obtain an electronic copy from: www.techstreet.com/cgi-bin/browsePublisher?publisher_id=133&subgroup_id=10020

Order from: Lorna Badman, NSF; badman@nsf.org;durbin@nsf.org

Send comments (with copy to BSR) to: Same

## SCTE (Society of Cable Telecommunications Engineers)

### *Revisions*

BSR/SCTE 16-200x, Test Procedure for Hum Modulation (revision of ANSI/SCTE 16-2001)

Defines and measures hum modulation in active and passive broadband RF telecommunications equipment and subassemblies. This procedure presents two methods for measuring hum modulation in the time domain, with a sensitivity exceeding -80 dB. These methods are referred to as the 1 dB delta and the differential voltage method. A mathematical relationship between time domain and frequency domain measurement methods is also provided.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

Order from: Global Engineering Documents; http://global.ihs.com

Send comments (with copy to BSR) to: Steve Oksala, standards@scte.org

BSR/SCTE 17-200x, Test Procedure for Carrier to Noise (C/N, CCN, CIN, CTN) (revision of ANSI/SCTE 17-2001)

Defines the measurement procedure for determining the ratio of carrier-to-thermal noise and “noise-like” interference for broadband telecommunications system components. The test involves measuring the noise levels, or the combined noise plus “noise-like” intermodulation product levels, relative to the carrier level of a CW signal. The noise contribution of the test equipment is also measured to allow for correction of readings near the test equipment noise floor.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

Order from: Global Engineering Documents; http://global.ihs.com

Send comments (with copy to BSR) to: Steve Oksala, standards@scte.org

BSR/SCTE 36-200x, SCTE-ROOT Management Information Base (MIB) Definitions (revision of ANSI/SCTE 36-2002)

Provides the root object identifier for the Society of Telecommunications Engineers (SCTE) as an enterprise, as assigned by the Internet Assigned Numbers Authority (IANA). Any Management Information Base (MIB) that falls under the auspices of the SCTE must be assigned object identifiers underneath this enterprise object-id.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

Order from: Global Engineering Documents; http://global.ihs.com

Send comments (with copy to BSR) to: Steve Oksala, standards@scte.org

BSR/SCTE 78-200x, Test Method for Transfer Impedance (revision of ANSI/SCTE 78-2003)

This procedure is for the measurement of transfer impedance of coaxial drop cables from 5 MHz to 1,002 MHz.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

Order from: Global Engineering Documents; http://global.ihs.com

Send comments (with copy to BSR) to: Steve Oksala, standards@scte.org

BSR/SCTE 82-200x, Test Method for Low Frequency and Spurious Disturbances (revision of ANSI/SCTE 82-2003)

Defines and measures low-frequency and spurious disturbances caused by switched mode power supplies or other active devices in broadband Cable Telecommunications equipment.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

Order from: Global Engineering Documents; http://global.ihs.com

Send comments (with copy to BSR) to: Steve Oksala, standards@scte.org

## SIA (ASC A92) (Scaffold Industry Association)

### *New Standards*

BSR A92.10-200x, Transport Platforms (new standard)

Applies to Transport Platforms that are primarily used as a tool of the trade to vertically transport authorized persons, along with materials and necessary tools, to various access levels on a building or structure for construction, renovation, maintenance or other types of work.

Single copy price: $45.00

Obtain an electronic copy from: sarah@scaffold.org

Order from: Sarah Haines, SIA (ASC A92); sarah@scaffold.org

Send comments (with copy to BSR) to: Same

## TCIA (ASC A300) (Tree Care Industry Association)

### *Revisions*

★ BSR A300 (Part 1)-200x, Tree Care Operations - Tree, Shrub, and Other Woody Plant Management - Standard Practices (Pruning) (revision of ANSI A300 (Part 1)-2001)

Provides standards for pruning trees, including utility pruning. The standard is intended for use by arborists, managers, and governmental agencies in the drafting of written work specifications. The standard includes pruning cuts, pruning objectives, pruning practices, types of pruning, and utility pruning.

Single copy price: Free (electronic); $7.50 (paper)

Obtain an electronic copy from: Rouse@treecareindustry.org

Order from: Robert Rouse, TCIA (ASC A300); Rouse@treecareindustry.org

Send comments (with copy to BSR) to: Same

★ BSR A300 (Part 4)-200x, Tree Care Operations - Tree, Shrub, and Other Woody Plant Management - Standard Practices (Lightning Protection Systems) (revision of ANSI A300 (Part 4)-2002)

Provides standards for the installation and maintenance of lightning protection systems for trees. The standard is intended for use by arborists, managers, and governmental agencies in the drafting of written work specifications. The standard includes materials, installation practices, and grounding.

Single copy price: Free (electronic); $7.50 (paper)

Obtain an electronic copy from: Rouse@treecareindustry.org

Order from: Robert Rouse, TCIA (ASC A300); Rouse@treecareindustry.org

Send comments (with copy to BSR) to: Same

## TPI (Truss Plate Institute)

### *Revisions*

BSR/TPI 1-200x, National Design Standard for Metal Plate Connected Wood Truss Construction (revision of ANSI/TPI 1-2002)

Establishes minimum requirements for the design and construction of metal-plate-connected wood trusses and describes the materials used in a truss, both lumber and steel, and the design procedures for truss members and joints. Responsibilities, methods for evaluating the metal connector plates, and manufacturing quality assurance are also contained in this standard. (See the 2nd Public Review form available at www.tpinst.org/my_TPI1PC.htm for specifics sections being reviewed.)

Single copy price: Free (online download); $40.00 (paper copy plus shipping & handling)

Obtain an electronic copy from: www.tpinst.org/my_TPI1PC.htm

Order from: Michael Cassidy; mcassidy@tpinst.org; 703-683-1010

Send comments (with copy to BSR) to: Ryan Dexter; TPI; c/o Qualtim; rdexter@qualtim.com

## UL (Underwriters Laboratories, Inc.)

### *Revisions*

BSR/UL 181B-200x, Standard for Safety for Closure Systems for Use with Flexible Air Ducts and Air Connectors (revision of ANSI/UL 181B-2005)

This August 17, 2007 proposal bulletin includes revisions to:
- add minimum thickness construction requirement for pressure sensitive tapes;
- add aging requirements to the peel adhesion test for pressure sensitive tapes;
- revise the test loads for the shear adhesion test conditions; and
- revise the mesh requirement in the peel adhesion test on stainless steel to comply with the Standard Test Method for Adhesion-in-Peel of Elastomeric Joint Sealants, ASTM C794.

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: Betty McKay, UL-NC; Betty.C.McKay@us.ul.com

BSR/UL 710B-2000x, Standard for Safety for Recirculating Systems (revision of ANSI/UL 710B-2004)

This recirculation proposal addresses comments received on the UL Balloted Proposal Issued April 13, 2007 - Proposed Second Edition of the Standard for Recirculating Systems.

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: Raymond Suga, UL-NY; Raymond.M.Suga@us.ul.com

BSR/UL 859-200x, Household Electric Personal Grooming Appliances (Proposals dated 8/17/07) (revision of ANSI/UL 859-2007)

Proposes new construction, performance, marking, and instruction requirements for hand-supported grooming appliances with detachable power supply cords.

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: Randi Myers, UL-CA; randi.k.myers@us.ul.com

# Comment Deadline: October 16, 2007

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

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

### *New National Adoptions*

BSR/AAMI/IEC 60601-2-50-200x, Medical electrical equipment - Part 2-50: Particular requirements for basic safety and essential performance of infant phototherapy equipment (identical national adoption and revision of ANSI/AAMI/IEC 60601-2-50-2006)

Specifies requirements for infant phototherapy equipment and can also be applied to infant phototherapy equipment used for compensation or alleviation of disease, injury or disability.

Single copy price: $25.00 (List Price)/$20.00 (AAMI members)

Obtain an electronic copy from: http://marketplace.aami.org/eseries/ScriptContent/Index.cfm

Order from: www.aami.org

Send comments (with copy to BSR) to: Hae Choe, AAMI; hchoe@aami.org

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

### *New Standards*

BSR/ASSE A10.25-200x, Sanitation for Construction and Demolition Operations (new standard)

Applies to all construction jobsites where more than four individuals are employed for more than one week. The standard covers potable water, toilet and hand washing facilities located on a jobsite.

Single copy price: $42.00

Order from: Timothy Fisher, ASSE; TFisher@ASSE.Org

Send comments (with copy to BSR) to: Same

### *Revisions*

BSR/ASSE A10.13-200x, Safety Requirements for Steel Erection for Construction and Demolition Operations (revision of ANSI A10.13-2001)

Establishes safety requirements for the erecting, handling, fitting, fastening, reinforcing and dismantling of structural steel, plate steel, steel joist, and metal deck at a final in-place field site during construction, maintenance and dismantling operations.

Single copy price: $42.00

Obtain an electronic copy from: TFisher@ASSE.Org

Order from: Timothy Fisher, ASSE; TFisher@ASSE.Org

Send comments (with copy to BSR) to: Same

## EIA (Electronic Industries Alliance)

### *Revisions*

BSR/EIA 364-E-200x, Electrical Connector/Socket Test Procedures Including Environmental Classifications (revision of ANSI/EIA 364-D-2001)

Establishes a recommended minimum test sequence and test procedures for electrical connectors and sockets.

Single copy price: $76.00

Obtain an electronic copy from: global@ihs.com

Order from: Global Engineering Documents; http://global.ihs.com

Send comments (with copy to BSR) to: Cecelia Yates, EIA; cyates@ecaus.org

### *Reaffirmations*

BSR/EIA 364-19A-2001 (R200x), Torsional Insert Retention Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-19A-2001)

Determines the ability of the insert retaining system to withstand the torsional stresses likely to be encountered during normal use.

Single copy price: $30.00

Obtain an electronic copy from: global@ihs.com

Order from: Global Engineering Documents; http://global.ihs.com

Send comments (with copy to BSR) to: Cecelia Yates, EIA; cyates@ecaus.org

BSR/EIA 364-47A-2001 (R200x), Conductor Unwrap Test Procedure for Solderless Wrapped Electrical Contacts (reaffirmation of ANSI/EIA 364-47A-2001)

Determines if excessive damages of deformation of the conudctor in a solderless wrapped connection has occurred as a result of the wrapping process.

Single copy price: $30.00

Obtain an electronic copy from: global@ihs.com

Order from: Global Engineering Documents; http://global.ihs.com

Send comments (with copy to BSR) to: Cecelia Yates, EIA; cyates@ecaus.org

BSR/EIA 364-68A-2001 (R200x), Actuating Mechanism Test Procedures for Electrical Connectors (reaffirmation of ANSI/EIA 364-68A-2001)

Details a standard test method to assess the strength of the actuating mechanism of a connector release mechanism.

Single copy price: $30.00

Obtain an electronic copy from: global@ihs.com

Order from: Global Engineering Documents; http://global.ihs.com

Send comments (with copy to BSR) to: Cecelia Yates, EIA; cyates@ecaus.org

BSR/EIA 364-104A-2000 (R200x), Flammability Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-104A-2000)

Establishes a test methods to determine the connector's resistance to burning when exposed to a flame.

Single copy price: $38.00

Obtain an electronic copy from: global@ihs.com

Order from: Global Engineering Documents; http://global.ihs.com

Send comments (with copy to BSR) to: Cecelia Yates, EIA; cyates@ecaus.org

# Comment Deadline: October 19, 2007

## NFPA (National Fire Protection Association)

(See page 30 for ordering and comment information.)

### *New Standards*

BSR/NFPA 806-200x, Performance Based Standard for Fire Protection for Advanced Nuclear Reactor Electric Generating Plants (new standard)

Provides minimum fire protection requirements for advanced nuclear reactor electric generating plants during all phases of plant operation, including shutdown, degraded conditions, and decommissioning.

### *Revisions*

BSR/NFPA 17-200x, Standard for Dry Chemical Extinguishing Systems (revision of ANSI/NFPA 17-2002)

Includes the minimum requirements for dry-chemical fire-extinguishing systems that discharge dry chemical from fixed nozzles or hand hose lines by means of expellant gas.

BSR/NFPA 17A-200x, Standard for Wet Chemical Extinguishing Systems (revision of ANSI/NFPA 17A-2002)

Applies to the design, installation, operation, testing, and maintenance of pre-engineered wet-chemical fire-extinguishing systems that discharge wet chemical from fixed nozzles and piping by means of expellant gas. It contains only the essential requirements and recommendations needed to make the standard workable in the hands of those skilled in this field.

BSR/NFPA 22-200x, Standard for Water Tanks for Private Fire Protection (revision of ANSI/NFPA 22-2003)

Provides the minimum requirements for the design, construction, installation, and maintenance of tanks and accessory equipment that supply water for private fire protection, including the following:
(1) Gravity tanks, suction tanks, pressure tanks, and embankment-supported coated fabric suction tanks;
(2) Towers;
(3) Foundations;
(4) Pipe connections and fittings;
(5) Valve enclosures;
(6) Tank filling; and
(7) Protection against freezing.

BSR/NFPA 59-200x, Utility LP-Gas Plant Code (revision of ANSI/NFPA 59-2004)

Applies to the design, construction, location, installation, operation, and maintenance of refrigerated and nonrefrigerated utility gas plants. Coverage of liquefied petroleum gas systems at utility gas plants shall extend to the point where LP-Gas or a mixture of LP-Gas and air is introduced into the utility distribution system.

BSR/NFPA 75-200x, Standard for the Protection of Information Technology Equipment (revision of ANSI/NFPA 75-2003)

Covers the requirements for the protection of information technology equipment and information technology equipment areas.

BSR/NFPA 76-200x, Standard for the Fire Protection of Telecommunications Facilities (revision of ANSI/NFPA 76-2005)

Provides requirements for fire protection of telecommunications facilities where telecommunication services such as telephone, data, cellular, internet, voice over internet protocol (VoIP), and video are rendered to the public.

★ BSR/NFPA 115-200x, Standard for Laser Fire Protection (revision of ANSI/NFPA 115-2003)

Provides minimum fire protection requirements for the design, manufacture, installation, and use of lasers and associated equipment. Criteria for training for and responding to fire emergencies involving lasers shall be included.

BSR/NFPA 140-200x, Standard on Motion Picture and Television Production Studio Soundstages and Approved Production Facilities (revision of ANSI/NFPA 140-2004)

Addresses fire protection, property protection, and life safety in motion picture and television industry soundstages and approved production facilities.

BSR/NFPA 496-200x, Standard for Purged and Pressurized Enclosures for Electrical Equipment (revision of ANSI/NFPA 496-2003)

Applies to purging and pressurizing for the following:
(1) Electrical equipment located in areas classified as hazardous by Article 500 or Article 505 of NFPA 70;
(2) Electrical equipment containing sources of flammable vapors or gases and located in either classified or unclassified areas;
(3) Control rooms or buildings located in areas classified as hazardous by Article 500 or Article 505 of NFPA 70; and
(4) Analyzer rooms containing sources of flammable vapors or gases and located in areas classified as hazardous by Article 500 or Article 505 of NFPA 70.

BSR/NFPA 497-200x, Recommended Practice for the Classification of Flammable Liquids, Gases, or Vapors and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas (revision of ANSI/NFPA 497-2004)

Applies to those locations where flammable gases or vapors, flammable liquids, or combustible liquids are processed or handled; and where their release into the atmosphere could result in their ignition by electrical systems or equipment. This recommended practice provides information on specific flammable gases and vapors, flammable liquids, and combustible liquids, whose relevant combustion properties have been sufficiently identified to allow their classification into the groups established by NFPA 70, National Electrical Code® (NEC®), for proper selection of electrical equipment in hazardous (classified) locations. The tables of selected combustible materials contained in this document are not intended to be all-inclusive.

BSR/NFPA 499-200x, Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas (revision of ANSI/NFPA 499-2004)

Applies to those locations where combustible dusts are produced, processed, or handled, and where the dust released into the atmosphere or accumulated on surfaces could be ignited by electrical systems or equipment. This recommended practice provides information on specific combustible dusts whose relevant combustion properties have been sufficiently identified to allow their classification into the groups established by NFPA 70, National Electrical Code (NEC®), for proper selection of electrical equipment in hazardous (classified) locations. The tables of selected combustible materials contained in this document are not intended to be all-inclusive.

★ BSR/NFPA 730-200x, Guide for Premises Security (revision of ANSI/NFPA 730-2006)

Describes construction, protection, and occupancy features, and practices, intended to reduce security vulnerabilities to life and of property.

BSR/NFPA 731-200x, Standard for the Installation of Electronic Premises Security Systems (revision of ANSI/NFPA 731-2006)

Covers the application, location, installation, performance, testing, and maintenance of physical security systems and their components.

BSR/NFPA 801-200x, Standard for Fire Protection for Facilities Handling Radioactive Materials (revision of ANSI/NFPA 801-2003)

Addresses fire-protection requirements intended to reduce the risk of fires and explosions at facilities handling radioactive materials. These requirements are applicable to all locations where radioactive materials are stored, handled, or used in quantities and conditions requiring government oversight and/or license (e.g., U.S. Nuclear Regulatory Commission or U.S. Department of Energy) to possess or use these materials and to all other locations with equal quantities or conditions.

BSR/NFPA 909-200x, Code for the Protection of Cultural Resources Properties - Museums, Libraries, and Places of Worship (revision of ANSI/NFPA 909-2005)

Applies to culturally significant structures and to their contents. Such structures include, but are not limited to, buildings that store or display museum or library collections, historic buildings, and places of worship. These structures also include spaces within other buildings used for such culturally significant purposes.

BSR/NFPA 921-200x, Guide for Fire and Explosion Investigations (revision of ANSI/NFPA 921-2004)

Assists individuals who are charged with the responsibility of investigating and analyzing fire and explosion incidents and rendering opinions as to the origin, cause, responsibility, or prevention of such incidents.

★ BSR/NFPA 1006-200x, Standard for Rescue Technician Professional Qualifications (revision of ANSI/NFPA 1006-2003)

Establishes the minimum job performance requirements necessary for fire service and other emergency response personnel who perform technical rescue operations.

BSR/NFPA 1192-200x, Standard on Recreational Vehicles (revision of ANSI/NFPA 1192-2005)

This standard covers fire and life safety criteria for recreational vehicles.

BSR/NFPA 1194-200x, Standard for Recreational Vehicle Parks and Campgrounds (revision of ANSI/NFPA 1194-2005)

Provides minimum construction requirements to ensure a reasonable degree of safety and health for occupants using facilities supplied by recreational vehicle parks and campgrounds offering temporary living sites for use by recreational vehicles, recreational park trailers, and other camping units.

BSR/NFPA 1561-200x, Standard on Emergency Services Incident Management System (revision of ANSI/NFPA 1561-2005)

Contains the minimum requirements for an incident management system to be used by emergency services to manage all emergency incidents.

BSR/NFPA 1584-200x, Recommended Practice on the Rehabilitation of Members Operating at Incident Scene Operations and Training Exercises (revision of ANSI/NFPA 1584-2003)

Establishes the minimum level of criteria for developing and implementing a rehabilitation process for fire department members at incident scene operations and training exercises.

BSR/NFPA 1852-200x, Standard on Selection, Care, and Maintenance of Open-Circuit Self-Contained Breathing Apparatus (SCBA) (revision of ANSI/NFPA 1852-2002)

Specify minimum requirements for the selection, care, and maintenance of open-circuit self-contained breathing apparatus (SCBA) and combination SCBA/SAR that are used for respiratory protection during fire fighting, rescue, and other hazardous operations.

BSR/NFPA 1925-200x, Standard on Marine Fire-Fighting Vessels (revision of ANSI/NFPA 1925-2004)

Provide minimum requirements for marine fire-fighting vessels. This standard shall also provide minimum maintenance and testing requirements.

BSR/NFPA 1962-200x, Standard for the Inspection, Care, and Use of Fire Hose, Couplings, and Nozzles and the Service Testing of Fire Hose (revision of ANSI/NFPA 1962-2003)

Applies to the inspection, care, and use of fire hose, fire hose couplings, and fire-fighting nozzles; the service testing of fire hose; and the associated record-keeping.

BSR/NFPA 1964-200x, Standard for Spray Nozzles (revision of ANSI/NFPA 1964-2003)

Covers the requirements for new adjustable-pattern spray nozzles intended for general fire-fighting use, for marine and offshore platform fire-fighting use, or for use with fire hoses affixed to standpipe systems.

BSR/NFPA 1989-200x, Standard on Breathing Air Quality for Fire and Emergency Services Respiratory Protection (revision of ANSI/NFPA 1989-2003)

Specify the minimum requirements for breathing air quality for fire and emergency services organizations that use atmosphere-supplying respirators. This standard shall specify the requirements for the breathing air quality component of the respiratory protection program required by NFPA 1500, Standard on Fire Department Occupational Safety and Health Program.

BSR/NFPA 1999-200x, Standard on Protective Clothing for Emergency Medical Operations (revision of ANSI/NFPA 1999-2003)

Specifies the minimum documentation, design, performance, testing, and certification requirements for new single-use and new multiple-use emergency medical protective clothing, including garments, gloves, footwear, and face protection devices, used by fire and emergency services personnel during emergency medical operations.

# 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.

## Order from:

**AAMI**
Association for the Advancement of Medical Instrumentation
1110 N Glebe Road
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Phone: (703) 525-4890 x213
Fax: (703) 276-0793
Web: www.aami.org

**AHAM**
Association of Home Appliance Manufacturers
1111 19th Street N.W.
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Fax: (202) 872-9354
Web: www.aham.org

**API (Organization)**
American Petroleum Institute
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Web: www.api.org

**ARI**
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4100 N. Fairfax Drive, Suite 200
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1414 Brook Drive
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**Global Engineering Documents**
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15 Inverness Way East
Englewood, CO 80112-5704
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**IAPMO (ASC Z124)**
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3 Perimeter Road - Unit 1
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Web: www.treecareindustry.org/index.aspx

**TPI**
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# 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.

### NSF (NSF International)

***Revisions***

ANSI/NSF 62-2007 (i16), Drinking water distillation systems (revision of ANSI/NSF 62-2004): 6/19/2007

### UL (Underwriters Laboratories, Inc.)

***Revisions***

★ ANSI/UL 1838-2007, Standard for Safety for Low Voltage Landscape Lighting Systems (revision of ANSI/UL 1838-2002): 8/6/2007

# Project Initiation Notification System (PINS)

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

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

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

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**AARST (American Association of Radon Scientists and Technologists)**

**Office:** P.O. Box 2109
Fletcher, NC 28732

*Contact:* *Gary Hodgden*

**Fax:** (913) 273-0134

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

BSR/AARST MAMF-200x, Protocol for Conducting Radon and Radon Decay Product Measurements in Multi-Family Buildings (new standard)

Stakeholders: State radon programs, national radon proficiency programs, consumers.

Project Need: There is currently no nationally recognized standard that addresses requirements for radon or radon decay product measurement in dwellings within multi-family buildings.

Specifies minimum requirements and general guidance for measurement of radon and radon decay product concentrations in multi-family buildings. This standard addresses the needs of:
- service providers;
- citizens;
- radon service providers;
- property owners;
- property managers;
- consultants;
- manufacturers; and
- regulators concerned with radon measurements in multi-family buildings.

BSR/AARST N42.51-200x, Performance Specifications for Systems Designed to Measure Radon Gas in Atmospheres (new standard)

Stakeholders: State radon programs, national radon proficiency programs, consumers.

Project Need: There is currently no nationally recognized standard that addresses performance and testing requirements for radon measurement systems.

Specifies minimum performance requirements and performance testing requirements for systems designed to measure radon gas in atmospheres. This standard addresses the needs of users, manufacturers, and regulators concerned with radon measurements.

**APSP (Association of Pool and Spa Professionals)**

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

*Contact:* *Jeanette Smith*

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

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

BSR/APSP 7a-200x, Standard for Suction Entrapment Avoidance in Swimming Pools, Wading Pools, Spas, Hot Tubs, and Catch Basins (supplement to ANSI/APSP 7-2006)

Stakeholders: Builders of pools and spas, manufacturers of suction entrapment devices, state health officials.

Project Need: To protect against all 5 known suction entrapment hazards in pools and spas utilizing all proven technologies and methodologies. Owing to new testing and research, sections of ANSI/APSP 7-2006 will either be revised or expanded.

Covers design and performance criteria for circulation systems including components, devices, and related technology installed to protect against entrapment hazards in residential and public swimming pools, wading pools, spas, hot tubs, and catch basins. This standard applies to new and, when retrofitting, existing installations.

**ASTM (ASTM International)**

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

*Contact:* *Helene Skloff*

**E-mail:** hskloff@astm.org; cleonard@astm.org

BSR/ASTM Z3329Z/WK12289-200x, Method for Determining Adenosine Triphosphate (ATP) Concentration in Liquid Fuels and Fuel-Associated Water (new standard)

Stakeholders: Petroleum Products and Lubricants Industry.

Project Need: To improve upon conventional enumeration methods, such as D6974, which are likely to underestimate the biodeteriogenic biomass present in fuels and fuel-associated water.

Covers two protocols for extracting and quantifying the ATP content of liquid fuels with kinematic viscosities less than or equal to 24mm2 ohm S-1 and fuel-associated water at ambient temperature.

**ASTM (ASTM International)**

**Office:** 445 Hoes Lane, PO Box 1331
Piscataway, NJ 08855-1331
*Contact:* *William Ash*
**Fax:** (732) 796-6966
**E-mail:** w.ash@ieee.org

BSR/IEEE/ASTM SI 10-200x, Standard for Use of the International System of Units (SI): The Modern Metric System (revision of ANSI/IEEE/ASTM SI 10-2002)

Stakeholders: All parties interested in the communication of technical and scientific information.

Project Need: To provide minor updating in order to be kept current. A revision is required to bring the standard into line with current international recommendations.

This document is the primary American National Standard on application of the metric system. It emphasizes use of the International System of units (SI), which is the modern, internationally accepted metric system. It includes information on SI, a limited list of units recognized for use with SI, and a list of conversion factors, together with general guidance on style and usage. It also lists older "metric" units that shall no longer be used. The word "primary" implies that other metric standards in the U.S. should be consistent with this document.

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

**Office:** 7900 Turin Road
Rome, NY 13440
*Contact:* *Bridget Schneegas*
**Fax:** 315-339-6793
**E-mail:** bschneegas@esda.org

BSR/ESD WIP5.6-200x, System Level Testing of ICs and Components (new standard)

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

Project Need: To develop a stress test for device pins that will be directly connected to system I/O pins.

Establishes a measurement technique and procedure to determine the susceptibility to ESD stress of device pins intended for direct connection to system I/O connectors that do not provide good physical ESD protection. This document does not include measurements of EMI, or measurements associated with flammables, and explosive items or electrically initiated explosive devices.

**HI (Hydraulic Institute)**

**Office:** 9 Sylvan Way, Suite 160
Parsippany, NJ 07054-3802
*Contact:* *Gregory Romanyshyn*
**Fax:** (973) 267-9055
**E-mail:** gromanyshyn@pumps.org

BSR/HI 3.1-3.5-200x, Rotary Pump Types and Nomenclature (revision of ANSI/HI 3.1-3.5-2000)

Stakeholders: Pump manufacturers, purchasers, and users.

Project Need: To improve upon the existing ANSI/HI Standard for Rotary Pump Types and Nomenclature.

Applies to industrial/commercial rotary positive displacement pumps. It includes:
- types and nomenclature;
- definitions;
- design and application; and
- installation, operation and maintenance.

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

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BSR/IAPMO Z400-200x, Tub/Shower Enclosures and Shower Panels Assemblies (new standard)

Stakeholders: Consumers.

Project Need: To make changes that were requested by the manufacturers for testing and certification.

Establishes a generally acceptable standard for tub/shower enclosures or shower panel assemblies with factory-installed fittings for new and retrofit installations. Assemblies can encompass components such as supply connectors, piping, shower heads, body sprays and shower door enclosure systems. This standard covers general requirements, performance tests, and marking and identification for such products.

BSR/IAPMO Z600-200x, Flexible Water Connectors with Excess Flow Shutoff Device (new standard)

Stakeholders: Consumers.

Project Need: To make changes that were requested by the manufacturers for testing and certification.

Establishes a generally acceptable standard for flexible water connectors that incorporate an excess flow shut-off mechanism used in water systems under continuous pressure and in accessible locations only. The intent of such devices is to protect personal property and building structures against water damage caused by accidental breakage, rupture or damage to downstream water connectors, appliances and plumbing fixtures.

BSR/IAPMO Z601-200x, Scale Prevention Equipment (new standard)

Stakeholders: Consumers.

Project Need: To make changes that were requested by the manufacturers for testing and certification.

Includes material safety, minimum performance requirements and structural integrity (if applicable) of scale prevention devices.

BSR/IAPMO Z602-200x, Copper and Copper Alloy Fittings with Press-Type or Nail Type Connections for Installation on Copper Tubing (new standard)

Stakeholders: Consumers.

Project Need: To make changes that were requested by the manufacturers for testing and certification.

Establishes a generally acceptable standard for copper and copper alloy fittings press type or nail-type end connections for installation on copper tubing. This standard covers minimum standards for materials in the construction of copper and copper alloy fittings press type or nail-type end connections may also be combined with other end connections such as threaded, soldered, push fit ends, and/or alternate types and to prescribe minimum test requirements for the performance, together with methods of marking and identification.

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BSR/IEEE 730-200x, Standard for Software Quality Assurance Planning (revision of ANSI/IEEE 730-2002)

Stakeholders: Individuals and organizations who establish quality assurance activities in support of a software project.

Project Need: To change this standard from a product-focused standard to a process-focused standard. This change is intended to be consistent with and provide elaboration of the process requirements in our software life-cycle framework standard, IEEE 12207.0.

Establishes the requirements for planning Software Quality Assurance activities in support of a software project. It is directed toward the development and maintenance of software. The orientation is toward planning the systematic actions on a particular project that would provide adequate confidence that the software product conforms to established technical requirements. The standard also provides a means of satisfying the planning requirements of an organization's Quality Manual for a software project. It has been harmonized with the requirements of the Quality Assurance process of IEEE/EIA 12207.0 and the documentation content requirements of ISO/IEC 15289.

BSR/IEEE 1722-200x, Standard for Layer 2 Transport Protocol for Time Sensitive Applications in Bridged Local Area Networks (new standard)

Stakeholders: Developers and users of bridged LAN and end-point systems supporting time-sensitive applications.

Project Need: To define a simple yet common method for handling real-time audio/video, suitable for consumer electronics, professional A/V applications, etc.

Specifies the protocol, data encapsulations, connection management and presentation time procedures used to ensure interoperability between audio- and video-based end stations that use standard networking services provided by all IEEE 802 networks meeting QoS requirements for time-sensitive applications by leveraging concepts of IEC 618831-7.

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BSR/IEEE 627-200x, Standard for Design Qualification of Safety-Related Equipment Used in Nuclear Power Generating Stations (new standard)

Stakeholders: Nuclear Power Plant Owners, architect-engineers / consultants, manufacturers.

Project Need: To resurrect and update IEEE Std 627-1980 (R1996). (Although withdrawn in 2002, this standard is referenced in ASME's QME-1-2002, NRC's NUREG-0800 Standard Review Plan Section 3.11, at least one reactor vendor's Design Certification Document (DCD), several international licensing documents, and elsewhere.)

Provides the basic principles for design qualification of safety-related equipment used in nuclear power generating systems.

BSR/IEEE 638-200x, Standard for Qualification of Class 1E Transformers for Nuclear Power Generating Stations (revision of ANSI/IEEE 638-1992 (R2006))

Stakeholders: Class 1E transformer end-users at nuclear power stations; engineering, design and construction firms.

Project Need: To provide and maintain current requirements for the testing and qualifying of Class 1E transformers, including the case for transformers subject to large nonlinear loads.

Provides requirements to demonstrate the adequacy of new Class 1E transformers, located in a mild environment of a nuclear power generating station as defined in IEEE Std 323-1983, to perform their required safety functions under postulated service conditions. This standard applies to single- and three-phase transformers rated 601 V to 15 000 V for the highest voltage winding and up to 2500 kVA (self-cooled rating).

BSR/IEEE 810-200x, Standard for Hydraulic Turbine and Generator Integrally Forged Shaft Couplings and Shaft Runout Tolerances (revision of ANSI/IEEE 810-1994 (R2001))

Stakeholders: Owners, erectors, and suppliers of generators and generator/motors for hydroelectric applications.

Project Need: To address significant technology changes impacting the manufacture and installation of generators and generator/motors for hydroelectric applications that have occurred since this standard was originally prepared. Standards contained in this document will be harmonized with current international practices.

Applies to the dimensions of integrally forged shaft couplings and to the shaft runout tolerances. Shafts and couplings included in this standard are used for both horizontal and vertical connections between generators and turbines in hydroelectric installations.

BSR/IEEE 1718-200x, Guide for Temperature Monitoring of Cable Systems (new standard)

Stakeholders: Electrical utilities, consulting firms and consulting engineers.

Project Need: To provide guidelines for temperature monitoring of cables. This is important because of its major impact on the dielectric materials and on the life expectancy of electrical equipment.

Presents an overview of the existing and emerging temperature monitoring systems related to power cable installations. It summarizes the features, benefits and limitations of both discrete and distributed temperature monitoring for cable ratings. This guide also addresses the various aspects of user-interface and data communication issues needed to make the system more effective and more user-friendly.

BSR/IEEE C37.20.3-200x, Standard for Metal-Enclosed Interrupter Switchgear (revision of ANSI/IEEE C37.20.3-2001 (R2006))

Stakeholders: Utility and non-utility users, manufacturers, consulting engineers.

Project Need: There is an external community interest that maintains a need for the standard to be updated periodically.

Covers metal-enclosed interrupter switchgear assemblies containing but not limited to such devices as interrupter/switches, selector switches, power fuses, control instrumentation and metering, and protective equipment.

BSR/IEEE C37.20.4-200x, Standard for Indoor AC Switches (1 kV - 38 kV) for Use in Metal-Enclosed Switchgear (revision of ANSI/IEEE C37.20.4-2001 (R2006))

Stakeholders: Utility and non-utility users, manufacturers, consulting engineers.

Project Need: There is an external community interest that maintains a need for the standard to be updated periodically. We also need to incorporate the preferred ratings from ANSI C37.22 so that that standard can be withdrawn.

Covers indoor AC Switches (>1kV - 38kV) for use in switchgear enclosures for applications in power circuits:
(1) Stationary or drawout;
(2) Manual or power operation;
(3) Fused or unfused.
The term "indoor" is intended to indicate that the enclosure provides a degree of protection to the switch and the enclosure may be suitable for indoor, outdoor or other service conditions and complies with the requirements of switchgear assemblies as defined by ANSI/IEEE C37.20.2 or C37.20.3.

BSR/IEEE C37.42-200x, Standard Specifications for High Voltage Expulsion Type Distribution Class Fuses, Fuse Cutouts, Fuse Disconnecting Switches and Fuse Links with Rated Voltages from 1 through 38 kV (new standard)

Stakeholders: Users and manufacturers of the devices covered by this standard.

Project Need: This standard is one of a series of complementary standards covering various types of high-voltage fuses and switches, arranged so that certain standards apply to all devices while other standards provide additional specifications for a particular device.

Establishes specifications for high voltage (above 1000 volts) expulsion-type distribution class fuses, fuse cutouts, fuse disconnecting switches, their associated fuse links, disconnecting cutouts and accessories for these devices. All of these devices are intended for use on alternating current distribution systems.

BSR/IEEE C37.68-200x, Requirements for microprocessor based controls for distribution padmount and pole-mount switchgear rated above 1kV up to 38kV (new standard)

Stakeholders: Microprocessor-based contol design engineers, application engineers.

Project Need: To provide information that leads to more robust control designs, to improved installation specifications, and to improved operation and maintenance procedures. These enhancements improve the reliability and extend the life of the controls. It will also improve the service reliability of the customers served by these devices.

Presents basic considerations for design, testing and application of microprocessor-based controls to distribution switchgear rated above 1kV up to 38kV. Such equipment is typically mouted on power poles or in padmounted switchgear enclosures, and is used with overhead and underground electric utility distribution lines.

BSR/IEEE C57.12.00-200x, Standard General Requirements for Liquid-Immersed Distribution, Power, and Regulating Transformers (revision of ANSI/IEEE C57.12.00-2006)

Stakeholders: Manufacturers and users, consultants, utility contractors, and insurance/casualty underwriters.

Project Need: Continuous revision. This standard is being revised to include technical changes to the document, which have been proposed by various technical working groups.

Describes the electrical and mechanical requirements of liquid-immersed distribution and power transformers, autotransformers, and regulating transformers, single-phase and polyphase, with voltages of 601 V or higher in the highest voltage winding. It establishes the performance, limited electrical and mechanical interchangeability, and requirements of equipment described. It is also a basis for assistance in the proper selection of such equipment.

BSR/IEEE C57.12.52-200x, Sealed Dry-Type Power Transformers, 501 kVA and Larger, Three-Phase, with High-Voltage 601 to 34500 Volts, Low-Voltage 208Y/120 to 4160 Volts - General Requirements (new standard)

Stakeholders: Consultants and engineers preparing specifications for end users and equipment manufacturers.

Project Need: To update references and cited editions and to make any editorial and technical corrections and additions, as required. The copyright of this standard was transferred from NEMA to IEEE, and the standard was last published 1981.

Describes sealed dry-type transformers, 501 kVA and larger, with high-voltage 601 to 34500 Volts inclusive and low-voltage 208Y/120 to 4160 Volts inclusive. This standard is intended to set forth characteristics relating to performance, limited electrical and mechanical interchangeability, and to assist in the proper selection of such equipment.

BSR/IEEE C57.12.70-200x, Standard Terminal Markings and Connections for Distribution and Power Transformers (revision of ANSI/IEEE C57.12.70-2000 (R2006))

Stakeholders: The electric utility industry, industrial and commercial users of transformer equipment.

Project Need: To clarify some of the drawings and statements in the standard. These concerns were brought to the forefront during the last reaffirmation ballot.

Defines the terminal markings and connections for distribution, power and regulating transformers covered in the C57 series of the IEEE standards, guides and recommended practices.

BSR/IEEE C57.12.90-200x, Standard Test Code for Liquid-Immersed Distribution, Power, and Regulating Transformers (revision of ANSI/IEEE C57.12.90-2006)

Stakeholders: Transformer suppliers and users.

Project Need: To revise an existing standard.

Describes methods for performing tests specified in IEEE Std C57.12.00TM-2006 and other standards applicable to liquid-immersed distribution, power, and regulating transformers. It is intended for use as a basis for performance and proper testing of such transformers.

BSR/IEEE C57.17-200x, Standard Requirements for Arc Furnace Transformers (new standard)

Stakeholders: Steel production industry and power transformer manufacturers.

Project Need: To update the old ANSI C57.17 standard, which was last revised in 1971 and published in February 29, 1988. This project will correct errors, update the old standard to reflect current advancement in technologies, and update the document format to align with current IEEE standard protocols.

Covers electrical characteristics and mechanical features of liquid-immersed transformers 69 kV or less, used for supplying electric power to direct arc-melting furnaces. All characteristics and definitions, except as specifically covered in this standard, shall be in accordance with the IEEE Requirements for Liquid-Immersed Distribution, Power, and Regulating Transformers.

BSR/IEEE C57.113-200x, Recommended Practice for Partial Discharge Measurement in Liquid-Filled Power Transformers and Shunt Reactors (revision of ANSI/IEEE C57.113-1991)

Stakeholders: Manufacturers and users of power transformers and shunt reactors.

Project Need: The present document is nearly 20 years old and does not adequately reflect today's technology and practices. This project aims at modernizing the document as well as harmonizing, wherever possible, North-American Practices with with those recommended by IEC.

Describes the test procedure for the detection and measurement by the wide-band apparent charge method of partial discharges occurring in liquid-filled power transformers and shunt reactors during dielectric tests, where applicable.

BSR/IEEE C57.142-200x, Guide to Describe the Occurrence and Mitigation of Switching Transients Induced by Transformer, Switching Device, and System Interaction (new standard)

Stakeholders: Transformer and switchgear manufacturers and purchasers.

Project Need: To help recognize those conditions and applications in which transformers are subjected to terminal oscillatory switching transients that may produce internal winding voltages that are damaging to their internal insulation structure.

Addresses the application of transformers in the presence of oscillatory switching transients. These oscillatory transients are typically produced by the interaction of the switching device, transformer, load, and system. This Guide defines operating conditions that may produce switching voltages damaging to the transformer insulation system.

BSR/IEEE C62.21-2003/Cor 1-200x, Guide for the Application of Surge Voltage Protective Equipment on AC Rotating Machinery 1000 Volts and Greater - Corrigendum 2: Replace Table 2 and Annexes A.1 and A.2. (addenda to ANSI/IEEE C62.21-2003)

Stakeholders: Designers, protection engineers, operators, owners, users of ANSI/IEEE C62.21-2003.

Project Need: To correct several technical and typographical errors that are embedded in ANSI/IEEE C62.21-2003.

Replaces Table 2 and Annexes A.1 and A.2.

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BSR/IEEE 802.1Qay-200x, Local and Metropolitan Area Networks - Virtual Bridged Local Area Networks - Amendment: Provider Backbone Bridge Traffic Engineering (supplement to ANSI/IEEE 802.1Q-2005)

Stakeholders: Networking developers and users.

Project Need: To provide traffic engineering capabilities for load balancing, protection switching, and bandwidth management for those users who are currently deploying IEEE-802-based networks.

Supports provisioning systems that explicitly select traffic engineered paths within Provider Backbone Bridge Networks (P802.1ah) by allowing a network operator to disable unknown destination address forwarding and source address learning for administratively selected VLAN Identifiers, while allowing other network control protocols to dynamically determine active topologies for other services.

BSR/IEEE 802.17c-200x, Information Technology - Telecommunications and Information Exchange Between Systems - Local and Metropolitan Area Networks - Specific Requirements - Part 17: Resilient Packet Ring (RPR) Access Method and Physical Layer Specifications - Amendment: 2: Protected Inter-Ring Connection (supplement to ANSI/IEEE 802.17-2004)

Stakeholders: Telecom service providers, equipment manufacturers and ASIC vendors implementing RPR.

Project Need: To require dual interconnected rings to replace legacy carrier class solutions (SONET/SDH).

Adds new capabilities to the MAC layer to enable operation of dual-redundant RPR stations that interconnect 2 RPR rings.

BSR/IEEE 1450.6.2-200x, Standard for Memory Modeling in Core Test Language (CTL) (new standard)

Stakeholders: Electronic design automation industry, telecom industry, memory design and manufacturing industry.

Project Need: To address all memory-specific characteristics and structural information required to create memory test patterns and sequences.

System on Chip (SoC) test requires reuse of test data and test structures developed for individual cores (designs) when integrated into larger integrated circuits. This activity defines language constructs sufficient to represent the context of a memory-core and of the integration of that memory-core into an SoC, to facilitate development and reuse of test and repair mechanisms for memories. This activity also defines constructs that represent the test structures internal to the memory-core for reuse in the creation of the tests for the logic outside the memory-core. Semantic rules are defined for the language to facilitate interoperability between different entities (the memory-core provider, the system integrator, and the automation tool developer) involved in the creation of an SoC. The capabilities are an extension of IEEE 1450.6-2005. As a result of this extension, CTL's limitations of handling memories are addressed.

BSR/IEEE 1801-200x, Standard for Design and Verification of Low Power Integrated Circuits (new standard)

Stakeholders: Electronics systems designers of systems-on-chips, processor providers, silicon vendors and manufacturers.

Project Need: Replaces non-portable proprietary formats and eliminates the need for specifying the same information multiple times in non-standard formats - a common source for errors in the design flow. The standard allows the electronics industry to design chips and systems that consume less power and generate less heat accruing economic and ecological benefits.

Establishes a format used to define the low-power design intent for electronic systems and electronic intellectual property. The format provides the ability to specify the supply network, switches, isolation, retention and other aspects relevant to power management of an electronic system. The standard defines the relationship between the low-power design specification and the logic-design specification captured via other formats (e.g., standard hardware description languages).

BSR/IEEE 80000-3-200x, Standard for Quantities and Units - Part 3: Space and Time (new standard)

Stakeholders: Persons interested in the publication of technical and scientific information.

Project Need: The adoption of ISO/IEC 80000-3 as an IEEE standard will provide a current and more consistent standard. This adoption will bring the recently approved ISO 80000-3 and IEEE into closer agreement on quantities, units and letter symbols.

Gives names, symbols, and definitions for quantities and units of space and time. Where appropriate, conversion factors will be given.

BSR/IEEE 80000-4-200x, Standard for Quantities and Units - Part 4: Mechanics (new standard)

Stakeholders: Persons interested in the publication of technical and scientific information.

Project Need: The adoption of ISO/IEC 80000-4 as an IEEE standard will provide a current and more consistent standard. This adoption will bring the recently approved ISO 80000-4 and IEEE into closer agreement on quantities, units and letter symbols.

Gives names, symbols, and definitions for quantities and units of mechanics. Where appropriate, conversion factors will be given.

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BSR/IEEE 1720-200x, Recommended Practice for Near-Field Antenna Measurements (new standard)

Stakeholders: Manufacturers and users of near-field antenna measurement systems.

Project Need: To address the technical needs of using near-field measurement methods for high performance radar antennas and PCS antennas.

Describes recommended near-field test practices for the measurement of antenna properties. It provides information on developments in near-field measurements that have occurred since the approval of IEEE Std 149-1979 (IEEE Standard Test Procedures for Antennas). This document recommends near-field measurement practices for the three principal geometries: cylindrical, planar, and spherical, and also recommends measurement practices for the calibration of probes used as reference antennas in near-field measurements.

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BSR INCITS PN-1602-D-200x, Information technology - Biometric Performance Testing and Reporting - Part 8: Interpreting Biometric Performance Test Results using Statistical Analyses (new standard)

Stakeholders: Biometric product evaluators.

Project Need: Existing testing standards generally describe the test planning, design and reporting requirements. The final product is commonly an error trade-off curve (ROC or DET) and tables of values for failure to acquire or enroll errors and measured times related to specific biometric functions.

Develops a clear and thorough understanding of the variety and suitability of statistical analysis techniques that can be used to make decisions based on biometric testing results. The technical report will include analysis techniques using various statistical methods, and descriptions of the differences between the various techniques.

BSR INCITS PN-1895-D-200x, Information technology - Automation/Drive Interface Commands - 3 (ADC-3) (new standard)

Stakeholders: Manufacturers of automation devices and removable medium devices.

Project Need: The proposed project involves a compatible evolution of the present ADC-2.

Automation/Drive Interface Commands-3 is the next generation of Automation/Drive Interface Commands, following ADC and ADC-2. The following items should be considered for inclusion in ADC-3:
(1) SAM-4 and SPC-4 compliance;
(2) Add UML diagrams to device server interaction clause;
(3) Bridging rReservations;
(4) Clarify support for security protocol parameters;
(5) RMC device server acquisition of automation device's worldwide name and the DT device's element address;
(6) Define operations in terms of physical device model; and
(7) Add Port_Name and Node_Name to DT Device Status log page Fibre Channel port status data.

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BSR/SAE ISO 9244-200x, Earth Moving Machinery - Safety Signs - General Principles (identical national adoption of ISO 9244:1995)

Stakeholders: Earth Moving Machinery Construction Industry.

Project Need: To be approved as an American National Standard for harmonization.

Establishes general principles for the design and application of safety signs permanently affixed to earth-moving machinery as defined in ISO 6165. This International Standard:
- outlines safety sign objectives;
- describes the basic safety sign formats;
- specifies colors for safety signs; and
- provides guidance on developing the various panels that together constitute a safety sign.

BSR/SAE J1388-200x, Personnel Protection - Skid Steer Loaders (new standard)

Stakeholders: Construction industry.

Project Need: To be approved as an American National Standard.

Provides personnel protection guidelines for skid steer loaders. This document is intended as a guide towards standards practice, but may be subject to frequent change to keep pace with experience and technical advances. This should be kept in mind when considering its use. This document provides performance criteria for newly manufactured loaders, and it is not intended for in-service machines.

# 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.

- AAMVA
- AGRSS, Inc
- ASC B109 (AGA)
- ASHRAE
- ASME
- ASTM
- MHI (ASC MH10)
- NCPDP
- NBBPVI
- NSF International
- TIA
- Underwriters Laboratories, Inc.

To obtain additional information with regard to these standards, such as contact information at the ANSI accredited standards developer, please visit ANSI Online at www.ansi.org, select Internet Resources, click on "Standards Information," and see "American National Standards Maintained Under Continuous Maintenance". This information is also available directly at www.ansi.org/publicreview.

Alternatively, you may contact the Procedures & Standards Administration Department (PSA) at psa@ansi.org or via fax at 212-840-2298. If you request that information be provided via E-mail, please include your E-mail address; if you request that information be provided via fax, please include your fax number. Thank you.

# 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.

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**ACOUSTICS (TC 43)**

ISO/DIS 3747, Acoustics - Determination of sound power levels of noise sources using sound pressure - Comparison method in situ - 11/17/2007, $112.00

**DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)**

ISO/DIS 25178-6, Geometrical product specifications (GPS) - Surface texture: Areal - Part 6: Classification of methods for measuring surface texture - 11/19/2007, $62.00

**FLUID POWER SYSTEMS (TC 131)**

ISO/DIS 6099, Fluid power systems and components - Cylinders - Identification code for mounting dimensions and mounting types - 11/18/2007, $134.00

**GAS TURBINES (TC 192)**

ISO/DIS 2314, Gas turbines - Acceptance tests - 11/18/2007, $165.00

**GLASS IN BUILDING (TC 160)**

ISO/DIS 14439, Glass in building - Assembly rules - Glazing wedges - 11/17/2007, $67.00

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

ISO/DIS 13623, Petroleum and natural gas industries - Pipeline transportation systems - 11/18/2007, $155.00

ISO/DIS 13628-5, Petroleum and natural gas industries - Design and operation of subsea production systems - Part 5: Subsea umbilicals - 11/17/2007, $185.00

ISO/DIS 17078-3, Petroleum and natural gas industries - Drilling and production equipment - Part 3: Running, pulling and kick-over tools, and latches for side-pocket mandrels - 11/17/2007, $112.00

**NUCLEAR ENERGY (TC 85)**

ISO/DIS 2889, Sampling airborne radioactive materials from the stacks and ducts of nuclear facilities - 11/18/2007, $165.00

**PACKAGING (TC 122)**

ISO/DIS 4180, Packaging - Complete, filled transport packages - General rules for the compilation of performance test schedules - 11/15/2007, $71.00

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

ISO/DIS 11413, Plastics pipes and fittings - Preparation of test piece assemblies between a polyethylene (PE) pipe and an electrofusion fitting - 11/18/2007, $53.00

**PULLEYS AND BELTS (INCLUDING VEEBELTS) (TC 41)**

ISO/DIS 7590, Steel cord conveyor belts - Methods for the determination of total thickness and cover thickness - 11/10/2007, $46.00

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

ISO/DIS 28641, Rubber compounding ingredients - Organic chemicals - General test methods - 11/15/2007, $119.00

**TERMINOLOGY (PRINCIPLES AND COORDINATION) (TC 37)**

ISO/DIS 24613, Language resource management - Lexical markup framework (LMF) - 11/18/2007, $155.00

**TEXTILES (TC 38)**

ISO/DIS 23606, Textiles - Knitted fabrics - Representation and pattern design - 11/17/2007, $62.00

## ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 10995, Information technology - Test method for the estimation of the archival lifetime of optical media - 10/13/2007, $112.00

# Newly Published ISO Standards

Listed here are new and revised standards recently approved and promulgated by ISO - the International Organization for Standardization. Most are available at the ANSI Electronic Standards Store (ESS) at www.ansi.org. All paper copies are available from Global Engineering Documents.

**AGRICULTURAL FOOD PRODUCTS (TC 34)**

ISO 8070:2007, Milk and milk products - Determination of calcium, sodium, potassium and magnesium contents - Atomic absorption spectrometric method, $66.00

**BOILERS AND PRESSURE VESSELS (TC 11)**

ISO 16528-1:2007, Boilers and pressure vessels - Part 1: Performance requirements, $77.00

ISO 16528-2:2007, Boilers and pressure vessels - Part 2: Procedures for fulfilling the requirements of ISO 16528-1, $48.00

**FLUID POWER SYSTEMS (TC 131)**

ISO 3724:2007, Hydraulic fluid power - Filter elements - Determination of resistance to flow fatigue using particulate contaminant, $61.00

ISO 6020-1:2007, Hydraulic fluid power - Mounting dimensions for single rod cylinders, 16 MPa (160 bar) series - Part 1: Medium series, $61.00

ISO 23181:2007, Hydraulic fluid power - Filter elements - Determination of resistance to flow fatigue using high viscosity fluid, $48.00

**MACHINE TOOLS (TC 39)**

ISO 230-3:2007, Test code for machine tools - Part 3: Determination of thermal effects, $117.00

**PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)**

ISO 4264:2007, Petroleum products - Calculation of cetane index of middle-distillate fuels by the four-variable equation, $48.00

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

ISO 13478:2007, Thermoplastics pipes for the conveyance of fluids - Determination of resistance to rapid crack propagation (RCP) - Full-scale test (FST), $66.00

**PLASTICS (TC 61)**

ISO 14896/Amd1:2007, Plastics - Polyurethane raw materials - Determination of isocyanate content - Amendment 1: Acceptable variations in the procedure for method B, $14.00

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

ISO 3994:2007, Plastics hoses - Helical-thermoplastic-reinforced thermoplastics hoses for suction and discharge of aqueous materials - Specification, $66.00

**TECHNICAL SYSTEMS AND AIDS FOR DISABLED OR HANDICAPPED PERSONS (TC 173)**

ISO 9999/Cor1:2007, Technical aids for disabled persons - Classification - Corrigendum, FREE

## ISO/IEC JTC 1, Information Technology

ISO/IEC 14165-331:2007, Information technology - Fibre Channel - Part 331: Virtual Interface (FC-VI), $160.00

ISO/IEC 14496-4/Amd15:2007, Conformance testing for MPEG-4 - Amendment 1: Lossless coding of oversampled audio, $14.00

ISO/IEC 18041-4:2007, Information technology - Computer graphics, image processing and environmental data representation - Environmental Data Coding Specification (EDCS) language bindings - Part 4: C, $139.00

## ISO/IEC JTC 1 Technical Reports

ISO/IEC TR 24750:2007, Information technology - Assessment and mitigation of installed balanced cabling channels in order to support of 10GBASE-T, $92.00

# Proposed Foreign Government Regulations

## Call for Comment

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

The National Center for Standards and Certification Information (NCSCI) at the National Institute of Standards and Technology (NIST), distributes these proposed foreign technical regulations to U.S. stakeholders via an online service, Notify U.S. Notify U.S. is an e-mail and Web service that allows interested U.S. parties to register, obtain notifications, and read full texts of regulations from countries and for industry sectors of interest to them. To register for Notify U.S., please go to Internet URL: http://www.nist.gov/notifyus/ and click on “Subscribe”.

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

# Information Concerning

## American National Standards

### INCITS Executive Board

### ANSI Accredited SDO and US TAG to ISO/IEC JTC 1, Information Technology

### Call for Members

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.

### INCITS Study Group on Security Best Practices

### September 19, 2007 Formation Meeting and Call for Members

### Membership Request Deadline: September 14, 2007

The INCITS Study Group on Security Best Practices was recently established to:

- study the security needs and requirements of the financial and insurance services industries and assess what is missing in current standards and practices.
- make a recommendation to the INCITS EB on an approach to create deployable best practices and frameworks for security in these industries. This may include creating Project Proposals for new INCITS Standards or Technical Reports.
- complete its work and submit its report for consideration at the January 2008 INCITS EB meeting.

The formation meeting of the INCITS Study Group on Security Best Practices will be held September 19, 2007 from 3:00 PM to 4:30 PM in conjunction with the Financial Services Technology (FST) Summit at The Boulders Resort in Arizona:

The Boulders Resort and Golden Door Spa
(meeting room information – see hotel meeting board)
34631 North Tom Darlington Drive
Carefree, AZ 85377
PHONE: (866) 397-6520
http://www.theboulders.com/

Interested parties are invited to nominate representatives to the INCITS Study Group on Security Best Practices. Although participants may join the Study Group at any time, requests to establish membership are requested by September 14, 2007 to assist in planning for the formation meeting and should be submitted to the INCITS Secretariat (jgarner@itic.org). Membership is open to all directly and materially affected parties that meet attendance and voting requirements and pay the designated service fees.

### ASHRAE Standards

### Public Review Comments

*ANSI/ASHRAE Standard 63.1-1995(RA01), Method of Testing Liquid Line Refrigerant Driers,* completed withdrawal public review on May 3, 2007. As a result of the comments received during the public review, ASHRAE Standards Committee has approved the formation of a revision project committee and that the document be revised instead of withdrawn.

*ANSI/ASHRAE Standard 87.2-2002, Method of Testing Fan Vibration – Blade Vibrations and Critical Speed*, completed withdrawal public review on May 3, 2007. As a result of the comments received during the public review, ASHRAE Standards Committee has approved the formation of a revision project committee and that the document be revised instead of withdrawn.

*ANSI/ASHRAE Standard 117-2002, Method of Testing Closed Refrigerators*, completed public review on May 3, 2007. There were no comments received and the ASHRAE Board of Directors approved withdrawal of the standard.

For questions, contact Stephanie Reiniche, Standards Administrator, American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc., Direct Line: (678) 539-1143; Fax: (678) 539-2143; E-Mail: sreiniche@ashrae.org.

## Proposed Tentative Interim Amendments (TIAs)

### Comments Sought for NFPA 11, NFPA 58, NFPA 909, NFPA 1983, NFPA 1851, and NFPA 2001

### Comment Closing Date: September 7, 2007

The following proposed Tentative Interim Amendments are available for public review and comment.

**NFPA 11-2005**
Standard for Low-, Medium-, and High-Expansion Foam
TIA Log No.: 889
Reference: 4.7.3.4
Comment Closing Date: September 7, 2007

**NFPA 58-2008**
Liquefied Petroleum Gas Code
TIA Log No.: 884
Reference: 5.2.1.5 (New)
Comment Closing Date: September 7, 2007

**NFPA 909-2005**
Code for the Protection of Cultural Resource Properties – Museums, Libraries, and Places of Worship
TIA Log No.: 888
Reference: 12.4.4.3 (New)
Comment Closing Date: September 7, 2007

**NFPA 1983-2006**
Standard on Life Safety Rope and Equipment for Emergency Services
TIA Log No.: 887
Reference: 7.5.8.2
Comment Closing Date: September 7, 2007

**NFPA 1851-Proposed 2008**
Standard on Selection, Care, and Maintenance of Protective Ensembles for Structural Fire Fighting and Proximity Fire Fighting
TIA Log No.: 883
Reference: 10.1.2 and A.10.1.2
Comment Closing Date: September 7, 2007

**NFPA 2001-2004 and proposed 2008**
Standard on Clean Agent Fire Extinguishing Systems
TIA Log No.: 886
Reference: Tables 1.4.1.2 "Agents Addressed in NFPA 2001", A.1.4.1(b) "Physical Properties of inert Gas Agents (SI Units)" and A.1.4.1(d) "Physical Properties of Inert Gas Agents (English Units" and corresponding Tables in the 2008 edition.
Comment Closing Date: September 7, 2007

Copies may be obtained at http://www.nfpa.org/itemDetail.asp?categoryID=844&itemID=20972, or requested from Codes and Standards Administration, NFPA, One Batterymarch Park, Quincy, MA 02169, or by calling (617) 984-7249.

# ANSI Accredited Standards Developers

## Approval of Reaccreditation

## AIIM International

ANSI's Executive Standards Council has approved the reaccreditation of AIIM International under revised operating procedures for documenting consensus on proposed American National Standards, effective August 14, 2007. For additional information, please contact: Ms. Betsy Fanning, Manager, ANSI/ISO Standards Program, AIIM International, 1100 Wayne Avenue, Suite 1100, Silver Spring, MD 20910; PHONE: (301) 755.2682; FAX: (301) 587.2711; E-mail: bfanning@aiim.org.

# International Organization for Standardization (ISO)

## Call for New International Secretariats for ISO Technical Committees

## ISO/TC 123 – Plain Bearings and ISO/TC 156 - Corrosion of Metals and Alloys

The Member Bodies of ISO have been contacted regarding the re-allocation, from the Russian Federation, of the Secretariats of these technical committees. The scopes of these technical committees are:

**ISO/TC 123**

Standardization of plain bearings on the following items:

- classification, definitions and terminology;
- materials and characteristics;
- dimensions and tolerances;
- methods of tests and quality control, including methods of calculation.

**ISO/TC 156**

Standardization in the field of corrosion of metals and alloys including corrosion test methods and corrosion prevention methods. General coordination of activities in these fields within ISO.

Information concerning the United States undertaking the role of international secretariat for either of these technical committees maybe obtained by contacting Henrietta Scully of ANSI via e-mail at hscully@ansi.org.

| Changes to Proposed Addenda a to MFC-3M-2004 | | | | |
|---|---|---|---|---|
| Item | Section and Page | ASME MFC-3M-2004 Currently Reads: | ASME MFC-3M-2004 Should Read: | Explanation of Change |
| 1 | 1-6.4.1(1) and 1-6.4.1(2), p. 9, C. 2 | *(1)* $D_{small} \leq 110$ mm (4 in.) (nominal)<br>*(2)* $D_{large} \leq 180$ mm (8 in.) (nominal) | (1) $D_{small} \leq$ 100 mm (4 in.) (nominal)<br>(2) $D_{large} \geq$ 200 mm (8 in.) (nominal) | Change metric conversion and change "Less-than-or-equal-to" sign to "greater-than-or-equal-to." |
| 2 | Table 1A-1, R6C5, p. 11 | $X_4 = R_D = \sqrt{CA_1}$ | $X_4 = R_D = \sqrt{CA_4}$ | Change Subscript "1" to subscript "4." |
| 3 | 2-4.3.2.1, p. 25, C. 2 | …the limits of use specified in para. 2-4.3.1 and the general installation requirements specified in para. 2-5, and in Part 1 of this Standard.<br>Values of $C$ given in Equation (2-4) as functions of $\beta$, $R_D$, and $D$ are given for convenience in Tables 2A-1 to 2A-11. These values are not intended for precise interpolation and extrapolation is not permitted. | …the limits of use specified in para. 2-4.3.1 and the general installation requirements specified in para. 2-5, and in Part 1 of this Standard.<br>Appendix 2B provides a discharge coefficient equation that has been analyzed, evaluated, and accepted by the international technical community and is often employed in custody transfer flow measurement in the oil and gas markets. This discharge coefficient equation shown in Appendix 2B utilizes a subset of the data used to determine the discharge coefficients given by Equation (2-4) and Equation (2-5). It has been found that for $0.35 \leq \beta \leq 0.60$, 100 mm $\leq D \leq$ 600 mm (4" $\leq D \leq$ 24"), the discharge coefficient values calculated by Equation (2B-1) and Equation (2B-2) have been found to vary from the discharge coefficient values given by Equation (2-4) and Equation (2-5) by less than 0.10%. For further information, see Appendix 2B.<br>Values of $C$ given in Equation (2-4) as functions of $\beta$, $R_D$, and $D$ are given for convenience in Tables 2A-1 to 2A-11. These values are not intended for precise interpolation and extrapolation is not permitted. | Add text referencing alternate discharge coefficient in Nonmandatory Appendix 2B. |
| 4 | 2-4.3.2.1, Eq.2-5 p. 25 | *(U.S. Customary Units)*<br>$+0.11(1 - \beta)(2.8 - D)$ | *(U.S. Customary Units)*<br>$+0.011(1 - \beta)(2.8 - D)$ | Change "0.11" to "0.011." |
| | | | | |

| Item | Section and Page | ASME MFC-3M-2004 Currently Reads: | ASME MFC-3M-2004 Should Read: | Explanation of Change |
|---|---|---|---|---|
| 5 | App. 2B, p. 48A | (No Text) | **NONMANDATORY APPENDIX 2B**<br>**ALTERNATE DISCHARGE COEFFICIENT EQUATION FOR ORIFICE PLATES**<br><br>The discharge coefficient equation shown below in Equation (2B-1) and Equation (2B-2) has been evaluated and accepted by the international technical community. It was developed under the joint auspices of the International Standards Organization (ISO), American Petroleum Institute (API), the American Gas Association (AGA), and the Gas Producers Association (GPA) and is prevalent in oil and gas flow measurement.<br>Although there are differences between this equation and that outlined in Section 2-4.3.2.1, for beta ratios between 0.35 and 0.60, and for line sizes 100 mm ≤ $D$ ≤ 600 mm (4" ≤ $D$ ≤ 24"), the discharge coefficient values calculated by Equation (2B-1) and Equation (2B-2) have been found, in general, to vary from the discharge coefficient values given by Equation (2-4) and Equation (2-5) by less than 0.10%. These equations are only valid when the measurement meets all the limits of use specified in: API MPMS 14.3.2, Fourth Edition; AGA Report No. 3, Part 2; and GPA 8185-00, Part 2.<br><br>$$C = 0.5961 + 0.0291\beta^2 - 0.2290\beta^8 + \left[0.0433 + 0.0712e^{-8.5L_1} - 0.01145e^{-6.0L_1}\right](1 - 0.23A)\left[\frac{\beta^4}{1-\beta^4}\right] - 0.0116\beta^{1.1}(M'_2 - 0.52M'^{1.3}_2)(1 - 0.14A) + 0.000511\left(\frac{10^6\beta}{R_D}\right)^{0.7} + \beta^4(0.0210 + 0.0049A)\left(\frac{10^6}{R_D}\right)^{0.35} \quad \text{(2B-1)}$$<br><br>When $D$ < 71.12 mm (2.8 in.), the following term shall be added to Eq. (2B-1):<br><br>*(SI Units)*<br>$+0.003(1 - \beta)\,[2.8 - (D/25.4)]$ (2B-2)<br>*(U.S. Customary Units)*<br>$+0.003(1 - \beta)\,(2.8 - D)$<br><br>Note that use of orifice meters for fiscal measurement (custody transfer or billing) is often defined in contractual arrangements between parties. The user should verify what, if any, constraints are placed the use of the orifice meter and which equation is to be used. | Add text on alternate discharge coefficient. |

## Revisions to the Ninth Edition of the Standard for Electric Heaters For Use in Hazardous (Classified) Locations, UL 823

18.7.1 When provided, supplementary ~~earthing~~ grounding or bonding connection facilities on the outside of a heater shall provide effective connection of a conductor with a cross-sectional area of at least 4 $mm^2$ (10 AWG). Effective connection shall be verified by compliance with the Pullout and Secureness tests in UL 486E. The terminal shall be marked in accordance with 55.26.

55.26 If a supplementary external grounding or bonding terminal is provided on the outside of a heater, and is identified by being either colored green or by being marked G, GR, Ground, Grounding, Protective Earth, PE, or ⏚; the instructions provided with the equipment shall indicate that the internal grounding terminal shall be used for the equipment grounding connection to complete the effective ground-fault current path and that the external terminal is for a supplementary bonding connection where local codes or authorities permit or require such connection.

## UL 879 – Electric Sign Components

### 1. Revision that wire connection shall not rely on dimensional stability of thermoplastic.

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

**PROPOSAL**

2.10.4.4 The integrity of the wire connection shall not rely on the dimensional stability of thermoplastic material unless the material has been evaluated for mechanical strength, resistance to impact, moisture absorptive properties, combustibility, resistance to arching, resistance to temperatures to which the material is subject to under normal operating use, aging characteristics and those applicable requirements in the Standard for Polymeric Materials-Use in Electrical Equipment Evaluations, UL 746C.

2.11.2.6 The continuity of the grounding and bonding system shall not rely on the dimensional stability of thermoplastic material unless the material has been evaluated for mechanical strength, resistance to impact, moisture absorptive properties, combustibility, resistance to arching, resistance to temperatures to which the material is subject to under normal operating use, aging characteristics and those applicable requirements in the Standard for Polymeric Materials-Use in Electrical Equipment Evaluations, UL 746C.

**BSR/UL 2034-200x**

Immediately following each of the conditions specified in 72A.2.3 – 72A.2.15, an alarm shall operate in accordance with the levels specified in Table 38.1. When specified by the manufacturer, it is not prohibited that the alarms be warmed-up prior to the calibration check, in accordance with 72A.1.6. During the warm up period and sensitivity measurements, the environmental chamber is to be within the limits specified in 72A2.3 and 72A2.4.

**NFPA FIRE PROTECTION STANDARDS DOCUMENTATION**
**Comment Deadline: October 19, 2007**

The National Fire Protection Association announced the availability of its semi-annual NFPA *Report on Comments* (ROC 2007FRC) for concurrent review and comment by NFPA and ANSI in the Volume 37, Number 51 issue of Standards Action.

The disposition of all comments received will now by published in the semi-annual NFPA *Report on Comments* (ROC 2007FRC).

*Report on Comments* for 2007 Fall Revision Cycle will be released on August 24, 2007, and contains the disposition of comments received for those proposed documents listed below. As a result of the comments, changes may have been made to some of the Reports, and these changes are included in the *Report on Comments*. Anyone wishing to review the ROC 2007FRC may do so at http://www.nfpa.org/itemDetail.asp?categoryID=817&itemID=20929, or may secure a copy from:

2007 Fall Revision Cycle *Report on Comments*
National Fire Protection Association
Publication Sales Department
11 Tracy Drive
Avon, MA 02322

These documents are for the NFPA 2007 Fall Revision Cycle. The proposed NFPA Documents addressed in the Report on Proposals (ROP) and in the follow-up Report on Comments (ROC) will only be presented for action at the NFPA June 2008 Association Technical Meeting to be held June 2-6, 2008 in Las Vegas, NV, when proper Amending Motions have been submitted to the NFPA by the deadline of October 19, 2007. Documents that receive no motions will not be presented at the meeting and instead will be forwarded directly to the Standards Council for action on issuance. For more information on the new rules and for up-to-date information on schedules and deadlines for processing NFPA Documents, check the NFPA website (www.nfpa.org) or contact NFPA's Codes and Standards Administration. Those who sent comments to NFPA (Contact Codes and Standards Administration, NFPA, One Batterymarch Park, Quincy, MA 02269-7471) on the related standards are invited to copy ANSI's Board of Standards Review.