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## American National Standards

### Call for comment on proposals listed

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

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

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

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

## Comment Deadline: June 7, 2009

### NSF (NSF International)

#### Revisions

BSR/NSF 50-200x (i61), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2008)

Issue 61 - Revises section 16 of the standard by removing the references to actual levels of chlorine and bromine.

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

Send comments (with copy to BSR) to: Mindy Costello, (734) 827-6819, mcostello@nsf.org

BSR/NSF 61-200x (i84), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2008)

Issue 84 - Adds remote chillers and electronically activated faucets to sections 9.1.1 and 9.1.2 so they will be properly evaluated as end-point devices. Also, a few minor formatting issues will be addressed.

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

Send comments (with copy to BSR) to: Adrienne O'Day, (734) 827-5676, oday@nsf.org

BSR/NSF 61-200x (i85), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2008)

Issue 85 - Proposes to make all tolerances on temperature a consistent  $\pm 4^\circ\text{F}$ . Currently, there are various temperature tolerances within the standard.

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

Send comments (with copy to BSR) to: Adrienne O'Day, (734) 827-5676, oday@nsf.org

### UL (Underwriters Laboratories, Inc.)

#### Revisions

BSR/UL 13-200x, Standard for Power-Limited Circuit Cables (revision of ANSI/UL 13-2007)

Adds new insulation construction.

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

Send comments (with copy to BSR) to: Mitchell Gold, (847) 664-2850, Mitchell.Gold@us.ul.com

BSR/UL 125-200x, Standard for Safety for Valves for Anhydrous Ammonia and LP-Gas (Other Than Safety Relief) (Proposals dated 5/8/09) (revision of ANSI/UL 125-2001 (R2007))

Revises the back-pressure check-valve leakage requirement.

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

Send comments (with copy to BSR) to: Marcia Kawate, (408) 754-6743, Marcia.M.Kawate@us.ul.com

BSR/UL 268A-200x, Smoke Detectors for Duct Application (revision of ANSI/UL 268A-2008b)

Formalizes requirements to ensure consistent application for products submitted beyond the temperature range of 0 and 38 degrees C.

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

BSR/UL 294-200x, Standard for Access Control System Units (revision of ANSI/UL 294-2004)

Proposes new definitions and revisions to the scope of the standard and to the Attack Test.

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

Send comments (with copy to BSR) to: Megan Cahill, (847) 664-3411, Megan.M.Cahill@us.ul.com

BSR/UL 1053-200x, Standard for Safety for Ground Fault Sensing and Relaying Equipment (revision of ANSI/UL 1053-1999)

Revises the standard to permit alternate spacing requirements in accordance with UL 840.

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

Send comments (with copy to BSR) to: Camille Alma, (631) 271-6200, Camille.A.Alma@us.ul.com

## Comment Deadline: June 22, 2009

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

#### New Standards

BSR/AAMI HE75-200x, Human factors engineering - Design of medical devices (new standard)

Provides detailed human factors engineering (HFE) design guidance to those who are responsible for HFE work within medical device companies. This standard contains extensive design guidance, examples, checklists, and case studies.

Single copy price: \$25.00 (AAMI members)/\$55.00 (list) [PDF]; \$55.00 (AAMI members)/\$80.00 (list) [hard copy]

Obtain an electronic copy from: [www.aami.org](http://www.aami.org)

Order from: AAMI Publications (PHONE: 1-877-249-8226; FAX: 1-301-206-9789)

Send comments (with copy to BSR) to: Jennifer Moyer, (703) 525-4890, jmoyer@aami.org

### ABYC (American Boat and Yacht Council)

#### New Standards

BSR/ABYC H-24-200x, Gasoline Fuel Systems (new standard)

Provides a guide for the design, choice of materials, construction, installation, repair, and maintenance of permanently installed gasoline fuel systems.

Single copy price: \$50.00

Obtain an electronic copy from: [www.abycinc.org](http://www.abycinc.org)

Send comments (with copy to BSR) to: John Adey, (410) 990-4460, jadey@abycinc.org

BSR/ABYC H-33-200x, Diesel Fuel Systems (new standard)

Provides a guide for the design, choice of materials, construction, installation, repair, and maintenance of permanently installed diesel fuel systems.

Single copy price: \$50.00

Obtain an electronic copy from: [www.abycinc.org](http://www.abycinc.org)

Send comments (with copy to BSR) to: John Adey, (410) 990-4460, jadey@abycinc.org

**AGA (ASC Z380) (American Gas Association)****Revisions**

BSR GPTC Z380.1-2009 TR01-18-200x, Guide for Gas Transmission and Distribution Piping Systems (revision of ANSI/GPTC Z380.1-2009)

Revises guide material in sections 192.513, G-192-1, G-192-9, and G-192-10 regarding pressure test of plastic pipe. The standard provides guidance to operators of natural gas and LP pipeline systems regarding U.S. DOT regulations CRF 49, Parts 191 and 192.

Single copy price: Free

Obtain an electronic copy from: [www.aga.org/gptc](http://www.aga.org/gptc)

Order from: Paul Cabot, (202) 824-7312, [pcabot@aga.org](mailto:pcabot@aga.org)

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2009 TR04-58-200x, Guide for Gas Transmission and Distribution Piping Systems (revision of ANSI/GPTC Z380.1-2009)

Revises guide material in Appendix E. The standard provides guidance to operators of natural gas and LP pipeline systems regarding U.S. DOT regulations CRF 49, Parts 191 and 192.

Single copy price: Free

Obtain an electronic copy from: [www.aga.org/gptc](http://www.aga.org/gptc)

Order from: Paul Cabot, (202) 824-7312, [pcabot@aga.org](mailto:pcabot@aga.org)

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2009 TR05-10-200x, Guide for Gas Transmission and Distribution Piping Systems (revision of ANSI/GPTC Z380.1-2009)

Revises guide material in sections 192.616 and G-192-1 regarding API 1162 Guidance. The standard provides guidance to operators of natural gas and LP pipeline systems regarding U.S. DOT regulations CRF 49, Parts 191 and 192.

Single copy price: Free

Obtain an electronic copy from: [www.aga.org/gptc](http://www.aga.org/gptc)

Order from: Paul Cabot, (202) 824-7312, [pcabot@aga.org](mailto:pcabot@aga.org)

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2009 TR06-15-200x, Guide for Gas Transmission and Distribution Piping Systems (revision of ANSI/GPTC Z380.1-2009)

Revises guide material in sections 192.23 and 192.617 regarding investigation of failures. The standard provides guidance to operators of natural gas and LP pipeline systems regarding U.S. DOT regulations CRF 49, Parts 191 and 192.

Single copy price: Free

Obtain an electronic copy from: [www.aga.org/gptc](http://www.aga.org/gptc)

Order from: Paul Cabot, (202) 824-7312, [pcabot@aga.org](mailto:pcabot@aga.org)

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2009 TR07-08-200x, Guide for Gas Transmission and Distribution Piping Systems (revision of ANSI/GPTC Z380.1-2009)

Revises guide material in sections 192.3 and 192.505 regarding definitions. The standard provides guidance to operators of natural gas and LP pipeline systems regarding U.S. DOT regulations CRF 49, Parts 191 and 192.

Single copy price: Free

Obtain an electronic copy from: [www.aga.org/gptc](http://www.aga.org/gptc)

Order from: Paul Cabot, (202) 824-7312, [pcabot@aga.org](mailto:pcabot@aga.org)

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2009 TR07-12-200x, Guide for Gas Transmission and Distribution Piping Systems (revision of ANSI GPTC Z380.1-2009 TR07-12-200x)

Revises guide material in sections G-192-11 and G-192-11A regarding sewer and duct line readings. The standard provides guidance to operators of natural gas and LP pipeline systems regarding U.S. DOT regulations CRF 49, Parts 191 and 192.

Single copy price: Free

Obtain an electronic copy from: [www.aga.org/gptc](http://www.aga.org/gptc)

Order from: Paul Cabot, (202) 824-7312, [pcabot@aga.org](mailto:pcabot@aga.org)

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2009 TR07-13-200x, Guide for Gas Transmission and Distribution Piping Systems (revision of ANSI/GPTC Z380.1-2009)

Revises guide material in sections 192.947 and G-192-17 regarding summary requirements. The standard provides guidance to operators of natural gas and LP pipeline systems regarding U.S. DOT regulations CRF 49, Parts 191 and 192.

Single copy price: Free

Obtain an electronic copy from: [www.aga.org/gptc](http://www.aga.org/gptc)

Order from: Paul Cabot, (202) 824-7312, [pcabot@aga.org](mailto:pcabot@aga.org)

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2009 TR07-16-200x, Guide for Gas Transmission and Distribution Piping Systems (revision of ANSI/GPTC Z380.1-2009)

Revises guide material in sections 192.143, 192.476, and G-192-1 regarding internal corrosion control. The standard provides guidance to operators of natural gas and LP pipeline systems regarding U.S. DOT regulations CRF 49, Parts 191 and 192.

Single copy price: Free

Obtain an electronic copy from: [www.aga.org/gptc](http://www.aga.org/gptc)

Order from: Paul Cabot, (202) 824-7312, [pcabot@aga.org](mailto:pcabot@aga.org)

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2009 TR07-18-200x, Guide for Gas Transmission and Distribution Piping Systems (revision of ANSI/GPTC Z380.1-2009)

Revises guide material in sections 192.3, 192.903, and 192.911 regarding management of change. The standard provides guidance to operators of natural gas and LP pipeline systems regarding U.S. DOT regulations CRF 49, Parts 191 and 192.

Single copy price: Free

Obtain an electronic copy from: [www.aga.org/gptc](http://www.aga.org/gptc)

Order from: Paul Cabot, (202) 824-7312, [pcabot@aga.org](mailto:pcabot@aga.org)

Send comments (with copy to BSR) to: Same

## APCO (Association of Public-Safety Communications Officials-International)

### New Standards

BSR/APCO ANS 1.106.1-200x, Core Competencies for Public Safety Communications Manager/Director (new standard)

Outlines the core competencies that define the basic functions, duties, responsibilities, knowledge, abilities and expertise attributable to individuals who manage public safety communications functions. In addition, the standard respects the diverse nature of public safety communications; competencies may vary, depending upon the size of the agency, service demographics, and type of services provided.

Areas of core competencies identified include:

- managing self and personal skills;
- providing direction;
- facilitating change;
- working with people;
- using resources; and
- achieving results.

Single copy price: Free

Obtain an electronic copy from: [www.apcostandards.org](http://www.apcostandards.org) or [standards@apco911.org](mailto:standards@apco911.org)

Order from: Amanda Byrd, (386) 944.2446, [byrda@apco911.org](mailto:byrda@apco911.org)

Send comments (with copy to BSR) to: Amanda Byrd (see contact info above) or [standards@apco911.org](mailto:standards@apco911.org)

### ASTM (ASTM International)

The URL to search for scopes of ASTM standards is:

<http://www.astm.org/dsearch.htm>

For reaffirmations and withdrawals, order from: Customer Service, ANSI

For new standards and revisions, order from: Corice Leonard, ASTM ; [cleonard@astm.org](mailto:cleonard@astm.org)

For all ASTM standards, send comments (with copy to BSR) to: Corice Leonard, ASTM ; [cleonard@astm.org](mailto:cleonard@astm.org)

### New Standards

BSR/ASTM WK8954-200x, Specification for Indoor Sports Floor Performance (new standard)

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK8954.htm>

Single copy price: Free

BSR/ASTM WK9303-200x, Test Method for Air Oxidation of Carbon and Graphite In the Kinetic Regime (new standard)

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK9303.htm>

Single copy price: Free

BSR/ASTM WK12712-200x, Method for Transfilling Compressed Air or Nitrogen and Safe Handling of Small Paintball Cylinders (new standard)

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK12712.htm>

Single copy price: Free

BSR/ASTM WK17978-200x, Practice for Manufacturing Quality Control of Consumer Trampoline Bed Material (new standard)

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK17978.htm>

Single copy price: Free

BSR/ASTM WK21609-200x, Specification For Unleaded Aviation Gasoline1 (new standard)

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK21609.htm>

Single copy price: Free

### Revisions

BSR/ASTM C769-200x, Test Method for Sonic Velocity in Manufactured Carbon and Graphite Materials for Use in Obtaining an Approximate Young S Modulus (revision of ANSI/ASTM C769-2005)

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK17523.htm>

Single copy price: \$32.00

BSR/ASTM D1655-200x, Specification for Aviation Turbine Fuels (revision of ANSI/ASTM D1655-2008)

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK13093.htm>

Single copy price: \$43.00

BSR/ASTM D3241-200x, Test Method for Thermal Oxidation Stability of Aviation Turbine Fuels (JFTOT Procedure) (revision of ANSI/ASTM D3241-2007)

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK3107.htm>

Single copy price: \$43.00

BSR/ASTM D4865-200x, Guide for Generation and Dissipation of Static Electricity in Petroleum Fuel Systems (revision of ANSI/ASTM D4865-1999 (R2003))

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK21608.htm>

Single copy price: \$37.00

BSR/ASTM E18-200x, Test Methods for Rockwell Hardness of Metallic Materials (revision of ANSI/ASTM E18-2008a)

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK23594.htm>

Single copy price: \$51.00

BSR/ASTM E651-200x, Practice for Evaluating Capabilities of Agencies Involved in System Analysis and Compliance Assurance for Manufactured Building (revision of ANSI/ASTM E651-2001 (R2008))

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK21136.htm>

Single copy price: \$37.00

BSR/ASTM E2072-200x, Specification for Photoluminescent Phosphorescent Safety Markings (revision of ANSI/ASTM E2072-2004)

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK18636.htm>

Single copy price: \$32.00

BSR/ASTM E2073-200x, Test Method for Photopic Luminance of Photoluminescent (Phosphorescent) Markings (revision of ANSI/ASTM E2073-2007)

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK20083.htm>

Single copy price: \$32.00

BSR/ASTM E2116-200x, Practice for Dosimetry for a Self-Contained Dry-Storage Gamma-Ray Irradiator (revision of ANSI/ASTM E2116-2002)

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK21931.htm>

Single copy price: Free

BSR/ASTM F381-200x, Safety Specification for Components, Assembly, Use, and Labeling of Consumer Trampolines (revision of ANSI/ASTM F381-2006)

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK17974.htm>

Single copy price: \$37.00

BSR/ASTM F1702-200x, Test Method for Measuring Shock-Attenuation Characteristics of Natural Playing Surface Systems Using Lightweight Portable Apparatus (revision of ANSI/ASTM F1702-2002)

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK17341.htm>

Single copy price: \$37.00

BSR/ASTM F1749-200x, Specification for Fitness Equipment and Fitness Facility Safety Signage and Labels (revision of ANSI/ASTM F1749-2002)

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK13169.htm>

Single copy price: \$37.00

BSR/ASTM F1881-200x, Test Method for Measuring Baseball Bat Performance Factor (revision of ANSI/ASTM F1881-2005)

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK21989.htm>

Single copy price: \$37.00

BSR/ASTM F1887-200x, Test Method for Measuring the Coefficient of Restitution (COR) of Baseballs and Softballs (revision of ANSI/ASTM F1887-2002)

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK21990.htm>

Single copy price: \$32.00

BSR/ASTM F1888-200x, Test Method for Compression-Displacement of Baseballs and Softballs (revision of ANSI/ASTM F1888-2003)

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK21991.htm>

Single copy price: \$32.00

BSR/ASTM F1890-200x, Test Method for Measuring Softball Bat Performance Factor (revision of ANSI/ASTM F1890-2005)

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK21992.htm>

Single copy price: \$37.00

BSR/ASTM F1979-200x, Specification for Paintballs Used in the Sport of Paintball (revision of ANSI/ASTM F1979-2004)

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK17991.htm>

Single copy price: \$32.00

BSR/ASTM F2219-200x, Test Methods for Measuring High-Speed Bat Performance (revision of ANSI/ASTM F2219-2007)

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK21993.htm>

Single copy price: \$37.00

BSR/ASTM F2225-200x, Safety Specification for Consumer Trampoline Enclosures (revision of ANSI/ASTM F2225-2009)

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK16171.htm>

Single copy price: \$37.00

BSR/ASTM F2276-200x, Specification for Fitness Equipment (revision of ANSI/ASTM F2276-2005)

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK8965.htm>

Single copy price: \$32.00

### Reaffirmations

BSR/ASTM F1015-2003 (R200x), Test Method for Relative Abrasiveness of Synthetic Turf Playing Surfaces (reaffirmation of ANSI/ASTM F1015-2003)

<http://www.astm.org/Standards/F1015.htm>

Single copy price: \$32.00

BSR/ASTM F1953-1999 (R200x), Guide for Construction and Maintenance of Grass Tennis Courts (reaffirmation of ANSI/ASTM F1953-1999 (R2003))

<http://www.astm.org/Standards/F1953.htm>

Single copy price: \$37.00

## AWS (American Welding Society)

### New Standards

BSR/AWS D1.7/D1.7M-200x, Guide for Strengthening and Repairing Existing Structures (new standard)

Provides information on strengthening and repairing existing structures. Included are sections on:

- weldability;
- evaluation of existing welds;
- testing and sampling;
- heat straightening; and
- damage repair.

Single copy price: \$30.00

Obtain an electronic copy from: [roneill@aws.org](mailto:roneill@aws.org)

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

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

## ESTA (Entertainment Services and Technology Association)

### Revisions

BSR E1.23-200x, Entertainment Technology - Design and Execution of Theatrical Fog Effects (revision of ANSI E1.23-2006)

Offers advice on the planning and execution of theatrical fog effects using glycol, glycerin, or white mineral oil fogs or mists in theatres, arenas, and other places of entertainment or public assembly. The revision project is to:

- (1) change the list of fog chemicals in the scope to better match those chemicals normally used in theatrical fog effects; and
- (2) better define the qualifications of those in charge of designing and executing the effects.

Single copy price: Free

Obtain an electronic copy from:

[http://www.esta.org/tsp/documents/public\\_review\\_docs.php](http://www.esta.org/tsp/documents/public_review_docs.php)

Order from: Karl Ruling, (212) 244-1505, [standards@esta.org](mailto:standards@esta.org)

Send comments (with copy to BSR) to: Same

## HL7 (Health Level Seven)

### Revisions

BSR/HL7 EHR, R1.1-200x, HL7 EHR System Functional Model, Release 1.1 (revision of ANSI/HL7 EHR, R1-2007)

Provides high-level descriptions of functions and criteria in an electronic health record. Release 1 of the model was approved as an ANSI standard in 2007. The model was submitted for consideration through ISO in 2008. The comments received from the ISO ballot cycle were reconciled in late 2008 and completed in January 2009.

Single copy price: Free

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

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

Send comments (with copy to BSR) to: Same

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

### Revisions

BSR N13.35-200x, Specifications for the Bottle Manikin Absorption Phantom (revision of ANSI N13.35-1999)

Provides the specifications for the design, fabrication, and quality of new BOMAB phantoms. It is not intended to be applied to phantoms manufactured prior to the issuance of this standard.

Single copy price: \$15.00

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

Order from: Nancy Johnson, (703) 790-1745, [njohnson@burkinc.com](mailto:njohnson@burkinc.com)

Send comments (with copy to BSR) to: Same

**ISA (ISA)****Reaffirmations**

BSR/ISA 75.08.02-2003 (R200x), Face-to-Face Dimensions for Flanged and Flangeless Rotary Control Valves (Classes 150, 300, and 600) (reaffirmation of ANSI/ISA 75.08.02-2003)

Applies to flanged and flangeless rotary control valves using a full ball or a segment of a ball and other rotary-stem control valves, sizes 3/4 inch (20 mm) through 24 inches (600 mm) for Classes 150 through 600.

Single copy price: \$30.00

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

Order from: Eliana Beattie, (919) 990-9228, [ebeattie@isa.org](mailto:ebeattie@isa.org)

Send comments (with copy to BSR) to: Same

**ISEA (International Safety Equipment Association)****New Standards**

BSR/ISEA 201-200x, Thermal Apparel Used in Cold Work Environments (new standard)

Establishes performance and classification requirements for occupational apparel in cold environments. Specific criteria are included for thermal insulation (Clo) and thermal transport properties.

Single copy price: \$25.00

Obtain an electronic copy from: [cfargo@safteyequipment.org](mailto:cfargo@safteyequipment.org)

Order from: Cristine Fargo, (703) 525-1695, [cfargo@safteyequipment.org](mailto:cfargo@safteyequipment.org)

Send comments (with copy to BSR) to: Same

**Revisions**

BSR/ISEA 107-200x, High-Visibility Safety Apparel and Headwear (revision of ANSI/ISEA 107-2004)

Specifies performance requirements for high-visibility safety apparel and headwear. Criteria are included for color, retroreflection, and minimum areas, as well as the recommended configuration of the materials. Performance requirements are also provided for the physical properties of background materials used in the construction of high-visibility safety apparel and headwear. Test methods are provided in the standard to help ensure that a minimum level of visibility is maintained when items are subjected to ongoing care procedures.

Single copy price: \$45.00

Obtain an electronic copy from: [cfargo@safteyequipment.org](mailto:cfargo@safteyequipment.org)

Order from: Cristine Fargo, (703) 525-1695, [cfargo@safteyequipment.org](mailto:cfargo@safteyequipment.org)

Send comments (with copy to BSR) to: Same

BSR/ISEA Z358.1-200x, Emergency Eyewash and Shower Equipment (revision and redesignation of ANSI/ISEA Z358.1-200x)

Establishes minimum performance and use requirements for eyewash and shower equipment for the emergency treatment of the eyes or body of a person who has been exposed to hazardous materials. This standard covers the following types of equipment:

- emergency shower;
- eyewash equipment;
- eye/face wash equipment; and
- combination shower and eyewash units.

Single copy price: \$45.00

Obtain an electronic copy from: [cfargo@safteyequipment.org](mailto:cfargo@safteyequipment.org)

Order from: Cristine Fargo, (703) 525-1695, [cfargo@safteyequipment.org](mailto:cfargo@safteyequipment.org)

Send comments (with copy to BSR) to: Same

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

Draft INCITS 460-200x, Information technology - Fibre Channel - Physical Interface - 3 (FC-PI-3) (new standard)

Describes the physical interface portions of a high-performance serial link based on the work of the XFP MSA. FC-PI-3 applies only to the variant described in FC-PI-3 and does not affect or supersede any requirements in any other FC standard or technical report. This specification defines the electrical interfaces called XFI+ based on INF-8077(XFI) the XFP MSA for high-speed serial operation from 9.95-11.1 Gigabaud. This specification enhances the XFI specification to achieve greater printed circuit board (PCB) trace length and changes the return loss for the ASIC/SerDes to improve manufacturability.

Single copy price: \$30.00

Obtain an electronic copy from: <http://www.incits.org> or <http://webstore.ansi.org> (or click on the link above)

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

Send comments (with copy to BSR) to: Barbara Bennett, (202) 626-5743, [bbennett@itic.org](mailto:bbennett@itic.org)

**NEMA (ASC C136) (National Electrical Manufacturers Association)****New Standards**

BSR C136.38-200x, Induction Lighting (new standard)

Defines the electrical and mechanical requirements of induction-type light sources for use in roadway and area lighting luminaires.

Single copy price: \$30.00

Obtain an electronic copy from: [alex.boesenberg@nema.org](mailto:alex.boesenberg@nema.org)

Order from: Alex Boesenberg, (703) 841-3268, [alex.boesenberg@nema.org](mailto:alex.boesenberg@nema.org)

Send comments (with copy to BSR) to: Same

**Reaffirmations**

BSR C136.34-2004 (R200x), Vandal Resistant Shields (reaffirmation of ANSI C136.34-2004)

Covers supplementary vandal shields used to protect luminaires and luminaire accessories used for roadway and area lighting.

Single copy price: \$30.00

Obtain an electronic copy from: [alex.boesenberg@nema.org](mailto:alex.boesenberg@nema.org)

Order from: Alex Boesenberg, (703) 841-3268, [alex.boesenberg@nema.org](mailto:alex.boesenberg@nema.org)

Send comments (with copy to BSR) to: Same

**RPTIA (Recreational Park Trailer Industry Association)****Revisions**

BSR A119.5-200x, Recreational Park Trailer Standard (2009 Edition) (revision of ANSI A119.5-2005)

Covers fire and life safety criteria and plumbing for recreational park trailers considered necessary to provide a reasonable level of protection from loss of life from fire and explosion. This standard reflects situations and the state-of-the-art prevalent at the time the Standard was issued.

Single copy price: Free (RPTIA members, gov't agencies, associations) \$10.00 (nonmembers, covers S&H)

Obtain an electronic copy from: [krook@rptia.com](mailto:krook@rptia.com)

Order from: Kathy Rook, (770) 251-2672, [krook@rptia.com](mailto:krook@rptia.com)

Send comments (with copy to BSR) to: Same

**RVIA (Recreational Vehicle Industry Association)****Revisions**

BSR/RVIA UPA-1-200x, Uniform Plan Approval for Recreational Vehicles (revision of ANSI/RVIA UPA-1-2000 (R2004))

Covers minimum plan approval requirements to ensure a reasonable degree of safety and health for occupants using recreational vehicles.

Single copy price: \$20.00

Obtain an electronic copy from: [kperkins@rvia.org](mailto:kperkins@rvia.org)

Order from: Kent Perkins, (703) 620-6003, [kperkins@rvia.org](mailto:kperkins@rvia.org)

Send comments (with copy to BSR) to: Same

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

BSR/SCTE 55-1-200x, Digital Broadband Delivery System: Out of Band Transport - Part 1: Mode A (revision of ANSI/SCTE 55-1-2002)

Specifies the physical layer and the data link layer (including the MAC layer) of the Out-Of-Band cable system transport.

Single copy price: \$50.00

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

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

Send comments (with copy to BSR) to: Rebecca Quartapella, (610) 594-7316, [rquartapella@scte.org](mailto:rquartapella@scte.org)

**TIA (Telecommunications Industry Association)****Revisions**

BSR/TIA 1083-A-200x, Telephone Terminal Equipment - Handset - Magnetic Measurement Procedures and Performance Requirements (revision and redesignation of ANSI/TIA 1083-2007)

Defines measurement procedures and performance requirements for the handset-generated audio band magnetic noise of wireline telephones. A telephone complies with this standard if it meets the requirements in this standard when manufactured and can be expected to continue to meet these requirements when properly used and maintained.

Single copy price: \$99.00

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

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

Send comments (with copy to BSR) to: Ronda Coulter, (703) 907-7974, [rcoulter@tiaonline.org](mailto:rcoulter@tiaonline.org)

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

BSR/UL 347-200x, Standard for Safety for Medium-Voltage AC Contactors, Controllers, and Control Centres (revision of ANSI/UL 347-2000)

Covers revisions based on comments received to the proposed new edition for ac contactors with rated voltages of 1501 to 7200 V, and metal-enclosed contactor-based controllers, control centers, and other control assemblies and associated equipment with rated voltages of 751 to 7200 V, designed for operation at frequencies of 50 or 60 Hz on three-phase systems. The proposed standard covers equipment intended for use in ordinary (non-hazardous) locations and installed in accordance with the applicable local installation codes and standards.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Megan Cahill, (847) 664-3411, [Megan.M.Cahill@us.ul.com](mailto:Megan.M.Cahill@us.ul.com)

BSR/UL 758-200x, Standard for Safety for Appliance Wiring Material (Proposals dated 5/8/09) (revision of ANSI/UL 758-2008b)

Covers:

- (1) Clarification of requirements for tinsel conductor;
- (2) Appropriate jacket thicknesses for large diameter cables;
- (3) Optional cold bend ratings;
- (4) Marking of conductor material; and
- (5) Editorial changes to index to insulations and jackets, Table 7.1.

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: Linda Phinney, (408) 754-6684, [Linda.L.Phinney@us.ul.com](mailto:Linda.L.Phinney@us.ul.com)

**Reaffirmations**

BSR/UL 9-2004 (R200x), Standard for Fire Tests of Window Assemblies (reaffirmation of ANSI/UL 9-2004)

Applies to window assemblies, including glass block and other light-transmitting assemblies, for use in the protection of openings in vertical fire-resistive assemblies.

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: Mitchell Gold, (847) 664-2850, [Mitchell.Gold@us.ul.com](mailto:Mitchell.Gold@us.ul.com)

**Comment Deadline: July 7, 2009**

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

**AAMI (Association for the Advancement of Medical Instrumentation)****New National Adoptions**

BSR/AAMI/IEC 60601-2-47-200x, Medical electrical equipment - Part 2-47: Particular requirements for the basic safety and essential performance of ambulatory electrocardiographic systems (identical national adoption and revision of ANSI/AAMI EC38-2007)

Specifies the basic safety and essential performance of ambulatory electrocardiographic (ECG) systems. Within the scope of this standard are systems that provide continuous recording and continuous analysis of the ECG and systems that provide continuous analysis and only partial or limited recording.

Single copy price: \$25.00 (list); \$20.00 (AAMI members)

Obtain an electronic copy from:

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

Order from: [www.aami.org](http://www.aami.org)

Send comments (with copy to BSR) to: Hae Choe, (703) 525-4890 x213, [hchoe@aami.org](mailto:hchoe@aami.org)

**ASSE (ASC Z359) (American Society of Safety Engineers)****New Standards**

BSR/ASSE Z359.12-200x, Connecting Components for Personal Fall Arrest Systems (new standard)

Establishes requirements for the performance, design, marking, qualification, test methods and removal from service of connectors.

Single copy price: \$50.00

Order from: Timothy Fisher, (847) 768-3411, [TFisher@ASSE.org](mailto:TFisher@ASSE.org)

Send comments (with copy to BSR) to: Same

# Call for Comment Contact Information

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

## Order from:

### AAMI

Association for the Advancement  
of Medical Instrumentation  
1110 N. Glebe Road  
Suite 220  
Arlington, VA 22201  
Phone: (703) 525-4890, x213  
Fax: (703) 276-0793  
Web: [www.aami.org](http://www.aami.org)

### AGA (ASC Z223)

American Gas Association  
400 North Capitol Street, NW  
Washington, DC 20001  
Phone: (202) 824-7312  
Fax: (202) 824-9122  
Web: [www.aga.org/](http://www.aga.org/)

### ANSI

American National Standards  
Institute  
25 West 43rd Street  
4th Floor  
New York, NY 10036  
Phone: (212) 642-4980  
Web: [www.ansi.org](http://www.ansi.org)

### APCO

Association of Public-Safety  
Communications  
Officials-International  
351 N. Williamson Boulevard  
Daytona Beach, FL 32114  
Phone: (386) 944-2446  
Fax: (386) 322-2501  
Web: [www.apcoIntl.org](http://www.apcoIntl.org)

### ASSE (Z590)

American Society of Safety  
Engineers  
1800 East Oakton Street  
Des Plaines, IL 60018-2187  
Phone: (847) 768-3411  
Fax: (847) 768-3411  
Web: [www.asse.org](http://www.asse.org)

### ASTM

ASTM International  
100 Barr Harbor Drive  
West Conshohocken, PA  
19428-2959  
Phone: (610) 832-9743  
Web: [www.astm.org](http://www.astm.org)

### AWS

American Welding Society  
550 N.W. LeJeune Road  
Miami, FL 33126  
Phone: (305) 443-9353  
Fax: (305) 443-5951  
Web: [www.aws.org](http://www.aws.org)

### comm2000

1414 Brook Drive  
Downers Grove, IL 60515

### ESTA

Entertainment Services and  
Technology Association  
875 Sixth Avenue, Suite 1005  
New York, NY 10001  
Phone: (212) 244-1505  
Fax: (212) 244-1502  
Web: [www.esta.org](http://www.esta.org)

### Global Engineering Documents

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

### HL7

Health Level Seven  
3300 Washtenaw Avenue  
Suite 227  
Ann Arbor, MI 48104  
Phone: (734) 677-7777, Ext 104  
Fax: (734) 677-6622  
Web: [www.hl7.org](http://www.hl7.org)

### HPS (ASC N13)

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

### ISA (Organization)

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

### ISEA

International Safety Equipment  
Association  
1901 North Moore Street  
Suite 808  
Arlington, VA 22209  
Phone: (703) 525-1695  
Fax: (703) 525-2148  
Web: [www.safetysystem.org](http://www.safetysystem.org)

### NEMA (ASC C136)

National Electrical Manufacturers  
Association  
1300 N. 17th Street  
Suite 1752  
Rosslyn, VA 22209  
Phone: (703) 841-3268  
Fax: (703) 841-3368  
Web: [www.nema.org](http://www.nema.org)

### RPTIA

Recreational Park Trailer Industry  
Association, Inc.  
30 Greenville Street  
Newnan, GA 30263  
Phone: (770) 251-2672  
Fax: (770) 251-0025  
Web: [www.rptia.org](http://www.rptia.org)

### RVIA

Recreational Vehicle Industry  
Association  
1896 Preston White Drive  
P.O. Box 2999  
Reston, VA 20195-0999  
Phone: (703) 620-6003  
Fax: (703) 620-5071  
Web: [www.rvia.org](http://www.rvia.org)



## Send comments to:

### AAMI

Association for the Advancement  
of Medical Instrumentation

1110 N. Glebe Road  
Suite 220  
Arlington, VA 22201-4795  
Phone: (703) 525-4890  
Fax: (703) 276-0793  
Web: www.aami.org

### ABYC

American Boat and Yacht Council  
613 Third Street, Suite 10  
Annapolis, MD 21403  
Phone: (410) 990-4460  
Fax: (410) 990-4466  
Web: www.abycinc.org/index.cfm

### AGA (ASC Z223)

American Gas Association  
400 North Capitol Street, NW  
Washington, DC 20001  
Phone: (202) 824-7312  
Fax: (202) 824-9122  
Web: www.aga.org/

### APCO

Association of Public-Safety  
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351 N. Williamson Boulevard  
Daytona Beach, FL 32114  
Phone: (386) 944-2446  
Fax: (386) 322-2501  
Web: www.apcolntl.org

### ASSE (Z590)

American Society of Safety  
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1800 East Oakton Street  
Des Plaines, IL 60018-2187  
Phone: (847) 768-3411  
Fax: (847) 768-3411  
Web: www.asse.org

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ASTM International  
100 Barr Harbor Drive  
West Conshohocken, PA  
19428-2959  
Phone: (610) 832-9743  
Web: www.astm.org

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American Welding Society  
550 N.W. LeJeune Road  
Miami, FL 33126  
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Fax: (305) 443-5951  
Web: www.aws.org

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Entertainment Services and  
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875 Sixth Avenue, Suite 1005  
New York, NY 10001  
Phone: (212) 244-1505  
Fax: (212) 244-1502  
Web: www.esta.org

### HL7

Health Level Seven  
3300 Washtenaw Avenue  
Suite 227  
Ann Arbor, MI 48104  
Phone: (734) 677-7777, Ext 104  
Fax: (734) 677-6622  
Web: www.hl7.org

### HPS (ASC N13)

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

### ISA (Organization)

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

### ISEA

International Safety Equipment  
Association  
1901 North Moore Street  
Suite 808  
Arlington, VA 22209  
Phone: (703) 525-1695  
Fax: (703) 525-2148  
Web: www.safetysystem.org

### ITI (INCITS)

ITI (INCITS)  
1250 Eye Street, NW  
Suite 200  
Washington, DC 20005  
Phone: (202) 626-5743  
Fax: (202) 638-4922  
Web: www.incits.org

### NEMA (ASC C136)

National Electrical Manufacturers  
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1300 N. 17th Street  
Suite 1752  
Rosslyn, VA 22209  
Phone: (703) 841-3268  
Fax: (703) 841-3368  
Web: www.nema.org

### NSF

NSF International  
789 Dixboro Road  
Ann Arbor, MI 48105  
Phone: (734) 827-5676  
Fax: (734) 827-7880  
Web: www.nsf.org

### RPTIA

Recreational Park Trailer Industry  
Association, Inc.  
30 Greenville Street  
Newnan, GA 30263  
Phone: (770) 251-2672  
Fax: (770) 251-0025  
Web: www.rptia.org

### RVIA

Recreational Vehicle Industry  
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1896 Preston White Drive  
P.O. Box 2999  
Reston, VA 20195-0999  
Phone: (703) 620-6003  
Fax: (703) 620-5071  
Web: www.rvia.org

### SCTE

SCTE  
140 Philips Road  
Exton, PA 19341  
Phone: (610) 594-7316  
Fax: (610) 363-5898  
Web: www.scte.org

### TIA

Telecommunications Industry  
Association  
2500 Wilson Blvd.  
Arlington, VA 22201  
Phone: (703) 907-7974  
Fax: (703) 907-7728  
Web: www.tiaonline.org

### UL

Underwriters Laboratories, Inc.  
455 E. Trimble Rd.  
San Jose, CA 95131-1230  
Phone: (408) 754-6743  
Fax: (408) 689-6743  
Web: www.ul.com/

# Call for Members (ANS Consensus Bodies)

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

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

**Office:** 1110 N Glebe Rd., Ste 220  
Arlington, VA 22201-4795

**Contact:** Jennifer Moyer

**Phone:** (703) 525-4890

**Fax:** (703) 276-0793

**E-mail:** jmoyer@aami.org

BSR/AAMI HE75-200x, Human factors engineering - Design of medical devices (new standard)

BSR/AAMI/IEC 60601-2-47-200x, Medical electrical equipment - Part 2-47: Particular requirements for the basic safety and essential performance of ambulatory electrocardiographic systems (identical national adoption and revision of ANSI/AAMI EC38-2007)

## **AWWA (American Water Works Association)**

**Office:** 6666 West Quincy Avenue  
Denver, CO 80235

**Contact:** Roy Martinez

**Phone:** (303) 347-6194

**Fax:** (303) 795-7603

**E-mail:** rmartinez@awwa.org

BSR/AWWA C7RR-200x, Cold-Water Meters - Residential Fire Service Type (new standard)

## **ISA (ISA)**

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

**Contact:** Eliana Beattie

**Phone:** (919) 990-9228

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

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

ANSI/ISA 12.00.01-2005 (IEC 60079-0 Ed 4 Mod), Electrical Apparatus for Use in Class I, Zones 0, 1 & 2 Hazardous (Classified) Locations: General Requirements (revision and redesignation of ANSI/ISA S12.0.01-1998)

BSR/ISA 60079-0 (12.00.01)-200x, Explosive atmospheres - Part 0: Equipment - General Requirements (national adoption with modifications and revision of ANSI/ISA 60079-0 (12.00.01)-200x)

## **ISEA (International Safety Equipment Association)**

**Office:** 1901 North Moore Street, Suite 808  
Arlington, VA 22209

**Contact:** Cristine Fargo

**Phone:** (703) 525-1695

**Fax:** (703) 525-2148

**E-mail:** cfargo@safetysafetyequipment.org

BSR/ISEA 107-200x, High-Visibility Safety Apparel and Headwear (revision of ANSI/ISEA 107-2004)

BSR/ISEA 201-200x, Thermal Apparel Used in Cold Work Environments (new standard)

## **MHI (Material Handling Industry)**

**Office:** 8720 Red Oak Blvd., Suite 201  
Charlotte, NC 28217-3992

**Contact:** Michael Ogle

**Phone:** (704) 676-1190

**Fax:** (704) 676-1199

**E-mail:** mogle@mhia.org

BSR MH16.1-200x, Design, Testing and Utilization of Industrial Steel Storage Racks (revision of ANSI MH16.1-2008)

BSR MH26.2-200x, Design, Testing and Utilization of Welded-Wire Rack Decking (revision of ANSI MH26.2-2007)

## **NEMA (ASC C136) (National Electrical Manufacturers Association)**

**Office:** 1300 N. 17th St., Suite 1752  
Rosslyn, VA 22209

**Contact:** Alex Boesenberg

**Phone:** (703) 841-3268

**Fax:** (703) 841-3368

**E-mail:** alex.boesenberg@nema.org

BSR C136.34-2004 (R200x), Vandal Resistant Shields (reaffirmation of ANSI C136.34-2004)

BSR C136.38-200x, Induction Lighting (new standard)

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

**Office:** 1899 Preston White Drive  
Reston, VA 20191

*Contact: Mary Abbott*

**Phone:** (703) 264-7200

**Fax:** (703) 620-0994

**E-mail:** mabbott@npes.org

BSR CGATS.5-200x, Graphic technology - Spectral measurement and colorimetric computation for graphic arts images (identical national adoption and revision of ANSI CGATS.5-2003)

BSR CGATS.17-200x, Graphic technology - Exchange format for color and process control data using XML or ASCII text (identical national adoption and revision of ANSI CGATS.17-2005)

**TIA (Telecommunications Industry Association)**

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

*Contact: Ronda Coulter*

**Phone:** (703) 907-7974

**Fax:** (703) 907-7728

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

BSR/TIA 1083-A-200x, Telephone Terminal Equipment - Handset - Magnetic Measurement Procedures and Performance Requirements (revision and redesignation of ANSI/TIA 1083-2007)

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

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

*Contact: Marcia Kawate*

**Phone:** (408) 754-6743

**Fax:** (408) 689-6743

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

BSR/UL 125-200x, Standard for Safety for Valves for Anhydrous Ammonia and LP-Gas (Other Than Safety Relief) (Proposals dated 5/8/09) (revision of ANSI/UL 125-2001 (R2007))

# 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.

## ASME (American Society of Mechanical Engineers)

### Reaffirmations

ANSI/ASME B18.18.5M-1998 (R2009), Inspection and Quality Assurance Plan Requiring In-Process Inspection and Controls (reaffirmation of ANSI/ASME B18.18.5M-1998 (R2003)): 4/30/2009

ANSI/ASME B18.18.6M-1998 (R2009), Quality Assurance Plan for Fasteners Produced In a Third Party Accreditation System (reaffirmation of ANSI/ASME B18.18.6M-1998 (R2003)): 4/30/2009

## ASTM (ASTM International)

### New National Adoptions

ANSI/ASTM/ISO 14408-2009, Tracheal Tubes Designed for Laser Surgery - Requirements for Marking and Accompanying Information (identical national adoption of ISO 14408:2005): 4/21/2009

ANSI/ASTM/ISO 5364-2009, Anaesthetic and Respiratory Equipment - Oropharyngeal Airways (identical national adoption of ISO 5364:2008): 4/21/2009

## ATIS (Alliance for Telecommunications Industry Solutions)

### Reaffirmations

ANSI ATIS 0700001-2004 (R2009), MCSB Physical, MAC/LLB, & Network Layer Specification - Multi-Carrier Synchronous Beamforming (MCSB) Air Interface (reaffirmation of ANSI ATIS 0700001-2004): 5/4/2009

ANSI T1.716-2000 (R2009), Air Interface Standard for Broadband Direct Sequence CDMA for Fixed Wireless PSTN Access - Layer 1 (reaffirmation of ANSI T1.716-2000 (R2004)): 5/4/2009

## AWS (American Welding Society)

### Revisions

ANSI/AWS C4.2/C4.2M-2009, Recommended Practices for Safe Oxyfuel Gas Cutting Torch Operation (revision of ANSI/AWS C4.2/C4.2M-2006): 5/4/2009

## ESTA (Entertainment Services and Technology Association)

### New Standards

ANSI E1.30-10-2009, EPI 32, Identification of Draft Device Description Language Modules (new standard): 5/4/2009

ANSI E1.31-2009, Entertainment Technology - Lightweight streaming protocol for transport of DMX512 using ACN (new standard): 5/4/2009

## GEI (Greenguard Environmental Institute)

### New Standards

ANSI/GEI MMS1001-2009, Mold and Moisture Management Standard for New Construction (new standard): 4/22/2009

## IEEE (Institute of Electrical and Electronics Engineers)

### Reaffirmations

ANSI/IEEE 383-2003 (R2008), Standard for Qualifying Class 1E Electric Cables and Field Splices for Nuclear Power Generating Stations (reaffirmation of ANSI/IEEE 383-2003): 4/30/2009

ANSI/IEEE 620-1997 (R2008), Guide for the Presentation of Thermal Limit Curves for Squirrel Cage Induction Machines (reaffirmation of ANSI/IEEE 620-1997 (R2003)): 4/30/2009

ANSI/IEEE 1474.2-2003 (R2008), Standard for User Interface Requirements in Communications-Based Train Control (CBTC) Systems (reaffirmation of ANSI/IEEE 1474.2-2003): 4/30/2009

ANSI/IEEE 1536-2002 (R2008), Standard for Rail Transit Vehicle Battery Physical Interface (reaffirmation of ANSI/IEEE 1536-2002): 4/30/2009

ANSI/IEEE C62.41.1-2002 (R2008), Guide on the Surge Environment in Low-Voltage (1000 V and Less) AC Power Circuits (reaffirmation of ANSI/IEEE C62.41.1-2002): 4/30/2009

ANSI/IEEE C62.45-2002 (R2008), Recommended Practice on Surge Testing for Equipment Connected to Low-Voltage (1000 V and Less) AC Power Circuits (reaffirmation of ANSI/IEEE C62.45-2002): 4/30/2009

### Supplements

ANSI/IEEE 802.1ap-2008, Standard for Local and Metropolitan Area Networks: Virtual Bridged Local Area Networks - Amendment 9: Management Information Base (MIB) Definitions for VLAN Bridges (supplement to ANSI/IEEE 802.1Q-1999 (R2004)): 4/30/2009

## ISA (ISA)

### New Standards

ANSI/ISA 12.00.02-2009, Certificate Standard for AEx Equipment for Hazardous (Classified) Locations (new standard): 5/1/2009

ANSI/ISA 12.20.01-2009, General Requirements for Electrical Ignition Systems for Internal Combustion Engines in Class I, Division 2 or Zone 2, Hazardous (Classified) Locations (new standard): 5/4/2009

## NCPDP (National Council for Prescription Drug Programs)

### Revisions

ANSI/NCPDP SC V10.7-2009, SCRIPT Standard v10.7 (revision and redesignation of ANSI/NCPDP SC V10.6-2008): 4/30/2009

## NSF (NSF International)

### Revisions

ANSI/NSF 2-2009 (i15), Food Equipment (revision of ANSI/NSF 2-2007): 4/22/2009

ANSI/NSF 3-2009 (i8), Commercial warewashing equipment (revision of ANSI/NSF 3-2007): 4/22/2009

ANSI/NSF 4-2009 (i16), Commercial cooking, rethermalization, and powered hot food holding and transport equipment (revision of ANSI/NSF 4-2007e): 4/22/2009

ANSI/NSF 5-2009 (i5), Water heaters, hot water supply boilers, and heat recovery equipment (revision of ANSI/NSF 5-2007): 4/22/2009

ANSI/NSF 6-2009 (i8), Dispensing Freezers (revision of ANSI/NSF 6-2007): 4/22/2009

ANSI/NSF 8-2009 (i8), Commercial powered food preparation equipment (revision of ANSI/NSF 8-2007): 4/22/2009

ANSI/NSF 12-2009 (i6), Automatic Ice Making Equipment (revision of ANSI/NSF 12-2007): 4/22/2009

ANSI/NSF 13-2009 (i4), Refuse processors and processing systems (revision of ANSI/NSF 13-2007): 4/22/2009

ANSI/NSF 21-2009 (i4), Thermoplastic refuse containers (revision of ANSI/NSF 21-2007): 4/22/2009

ANSI/NSF 25-2009 (i8), Vending machines for food and beverages (revision of ANSI/NSF 25-2007): 4/22/2009

ANSI/NSF 29-2009 (i3), Detergent and chemical feeders for commercial spray-type dishwashing machines (revision of ANSI/NSF 29-2007): 4/22/2009

ANSI/NSF 36-2009 (i5), Dinnerware (revision of ANSI/NSF 36-2007): 4/22/2009

ANSI/NSF 37-2009 (i4), Air curtains for entranceways in food and food service establishments (revision of ANSI/NSF 37-2007): 4/22/2009

ANSI/NSF 51-2009 (i8), Food Equipment Materials (revision of ANSI/NSF 51-2007): 4/22/2009

ANSI/NSF 51-2009 (i8), Food Equipment Materials (revision of ANSI/NSF 51-2007): 4/22/2009

ANSI/NSF 169-2009 (i4), Special purpose food equipment and devices (revision of ANSI/NSF 169-2007): 4/22/2009

### SCTE (Society of Cable Telecommunications Engineers)

#### *New Standards*

ANSI/SCTE 138-2009, Stream Conditioning for Switching of Addressable Content in Digital Television Receivers (new standard): 5/4/2009

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

#### *Reaffirmations*

ANSI B74.11-1993 (R2009), Specifications for Tumbling Chip Abrasives (reaffirmation of ANSI B74.11-1993 (R2003)): 5/4/2009

## Approval Rescinded

### **ASTM E1354 and ASTM D3679**

At the request of ASTM, the following approvals are being rescinded and replaced with new approval dates:

ASTM E1354: Original approval - 3/1/09; New approval date - 4/1/09  
(This standard was listed in the Final Actions section of the 3/13/09 issue of Standards Action.)

ASTM D3679: Original approval - 9/15/08; New approval date - 2/1/09  
(This standard was listed in the Final Actions section of the 10/3/08 issue of Standards Action.)

# Project Initiation Notification System (PINS)

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

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

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

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

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BSR/AAMI/ISO 13022-200x, Tissue product safety - Application of risk management to viable materials of human origin used for the production of medical products (identical national adoption of ISO 13022)

Stakeholders: Regulatory authorities, medical device manufacturers, medical product manufacturers, clinicians.

Project Need: To provide a standard on risk management application to viable materials of human origin used for the production of medical products.

- Covers medical products utilizing viable material of human origin including medicinal products, biologics, medical devices and active implantable medical devices;
- Covers viable human materials of autologous as well as allogeneic human origin;
- Specifies a procedure to identify the hazards and hazardous situations associated with cellular component(s) of such products, to estimate and evaluate the resulting risks, to control these risks, and to monitor the effectiveness of that control; and
- Outlines the decision process for the residual risk acceptability, taking into account the balance of residual risk, and expected medical benefit as compared to available alternatives.

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

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BSR/ASHRAE Standard 41.7-200x, Method of Test for Measurement of Flow of Gas (revision of ANSI/ASHRAE Standard 41.7-1984 (R2006))

Stakeholders: Manufacturers; test labs; and users of heating, refrigerating, and air-conditioning equipment and systems.

Project Need: To provide the heating, refrigerating and air-conditioning manufacturers; test labs; and users with updated standardized methods for gas flow measurements.

Provides flow-measuring techniques for the following:

- (a) volatile refrigerant, gaseous phase; and
- (b) air under conditions where the methods for flow measurement set forth in ASHRAE Standard 41.2, Standard Methods for Laboratory Airflow Measurement, are inconvenient or unsatisfactory.

BSR/ASHRAE Standard 41.9-200x, Calorimeter Test Methods for Mass Flow Measurements of Volatile Refrigerants (revision of ANSI/ASHRAE Standard 41.9-2000 (R2006))

Stakeholders: Manufacturers; test labs; and users of heating, refrigerating, and air-conditioning equipment and systems.

Project Need: To update the standard to keep pace with evolving technology and the evolving needs of the HVAC community regarding standard calorimeter methods for volatile refrigerant mass flow measurements.

Applies to the measurement of the flow of a volatile refrigerant in the following cases and no others:

- (a) where the entire flow stream of the volatile refrigerant enters the calorimeter as a subcooled liquid and leaves as a superheated vapor (evaporator-type); and
- (b) where the entire flow stream of the volatile refrigerant enters the calorimeter as a superheated vapor and leaves as a subcooled liquid (condenser-type).

BSR/ASHRAE/IESNA Standard 100-200x, Energy Conservation in Existing Buildings (revision of ANSI/ASHRAE/IESNA 100-2006)

Stakeholders: All owners and operators of existing buildings.

Project Need: To update the standard to agree with Chapter 35 of the handbook.

Applies to existing buildings, portions of buildings, and complexes, including the envelope and all energy systems in the building, except process systems.

## ASME (American Society of Mechanical Engineers)

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New York, NY 10016

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BSR/ASME MH1-200x, Pallets, Slip Sheets, and Other Bases for Unit Loads (revision of ANSI/ASME MH1-2005)

Stakeholders: Designers, manufacturers, distributors and users of pallets.

Project Need: To add new parts of the standard, concentrating on plastic, paper-based, and metal pallets.

- Applies to pallets used in the Unit-load method of assembling, stacking, storing, handling, and transporting materials and products;
- Defines terminology and nomenclature associated with pallets;
- Applies to pallets irrespective of components and materials used in their fabrication;
- Provides a series of recommended pallet dimensions and sizes;
- Describes procedures for pallet sampling, inspection and testing; and
- Indicates procedures for designating pallet requirements.

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

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BSR/ASSE Z15.1-200x, Safe Practices for Motor Vehicle Operations (revision of ANSI/ASSE Z15.1-2006)

Stakeholders: SH&E professionals and those managing motor vehicle operations.

Project Need: To update the standard to agree with the consensus of ASC Z15.

Sets forth practices for the safe operation of motor vehicles owned or operated by organizations, including:

- Definitions;
- Management, Leadership and Administration;
- Operational Environment;
- Driver Considerations;
- Vehicle Considerations
- Incident Reporting and Analysis.

These practices are designed for use by those having the responsibility for the administration and operation of motor vehicles as a part of organizational operations.

**ASTM (ASTM International)**

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BSR/ASTM WK13464-200x, Standard Guide for Performance Characterization of Dosimeters for Use in Radiation Processing (new standard)

Stakeholders: Nuclear technology and applications.

Project Need:

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK13464.htm>

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK13464.htm>

BSR/ASTM WK19073-200x, New Specification for Poured-In-Place Playground Surface Under and Around Playground Equipment (new standard)

Stakeholders: Sports equipment and facilities.

Project Need:

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK19073.htm>

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK19073.htm>

**AWS (American Welding Society)**

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BSR/AWS C4.1-200x, Criteria for Describing Oxygen-Cut Surfaces and Surface Roughness Guide for Oxygen Cutting (new standard)

Stakeholders: Oxyfuel gas cutters (operators) and inspectors.

Project Need: To reaffirm the 1977 edition of this standard.

Consists of a plastic gauge with samples of oxygen-cut surfaces, and a document including descriptive terms and illustrations of surface cuts.

**AWWA (American Water Works Association)**

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BSR/AWWA C7RR-200x, Cold-Water Meters - Residential Fire Service Type (new standard)

Stakeholders: Utilities, consultants, manufacturers, and regulators in the water treatment and water supply industry.

Project Need: To provide the minimum requirements for cold-water meters for residential fire service, including materials and design.

Describes performance requirements for cold-water meters used for residential fire service applications, in sizes 3/4 in. (20 mm) through 2 in. (50 mm), and the materials and workmanship employed in their fabrication.

**CSA (CSA America, Inc.)**

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BSR Z21.18a-200x, Gas Appliance Pressure Regulators (same as CSA 6.3a) (revision of ANSI Z21.18-2007)

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

Project Need: To revise this Standard for Safety.

Details test and examination criteria for gas-appliance pressure regulators for use with natural, manufactured and mixed gases, liquefied petroleum gases and LP gas-air mixtures. Such devices, either individual or in combination with other controls, are intended to control selected outlet gas pressures to individual gas appliances.

BSR Z21.20a-200x, Particular Requirements for Automatic Gas Ignition Systems and Components (revision of ANSI Z21.20-2005)

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

Project Need: To revise this Standard for Safety.

Details test and examination criteria for complete burner ignition systems and components that perform one or more of the following functions:

- Ignites the fuel at the main burner(s), or at the pilot burner(s);
- Proves the presence of either ignition source, or main burner flame;
- Automatically acts to shutoff the fuel supply to the burner(s), when the supervised flame or ignition source is not proved; and
- Shuts off the gas supply when the oxygen content in the room is reduced to a predetermined level.

BSR Z21.21a-200x, Automatic Valves for Gas Appliances (same as CSA 6.5a) (revision of ANSI Z21.21-2005)

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

Project Need: To revise this Standard for Safety.

Details test and examination criteria for automatic valves, which may be individual automatic valves or valves, utilized as parts of automatic gas ignition systems. This standard also applies to commercial/industrial safety shutoff valves. This standard applies to automatic valves having maximum operating gas pressure ratings of 1/2, 2, and 5 psi (3.5, 13.8, and 34.5 kPa) or higher than 5 psi (34.5 kPa) in 5 psi (34.5 kPa) increments up to an including a maximum operating pressure of 60 psi (413.7 kPa).

BSR Z21.23-200x, Gas Appliance Thermostats (revision, redesignation and consolidation of ANSI Z21.23-2000 (R2005) and ANSI Z21.23a-2003 (R2005))

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

Project Need: To revise this Standard for Safety.

Details test and examination criteria for integral gas valve type and electric type thermostats which are used as integral parts of gas-burning appliances. It presents minimum levels for the substantial and durable construction, safe operation and acceptable performance for such thermostats. The standard does not apply to wall-mounted thermostats for comfort heating control.

BSR Z21.35a-200x, Pilot Gas Filters (same as CSA 6.8a) (revision of ANSI Z21.35-2005)

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

Project Need: To revise this Standard for Safety.

Details test and examination criteria for pilot gas filters that have a maximum operating gas pressure rating of 1/2 psi. The temperature range shall be 32 F to 125 F (0 C to 51.5 C) and may be capable of operating at a higher temperature, lower temperature, or both, when so specified by the manufacturer.

BSR Z21.78-200x, Combination Gas Controls for Gas Appliances (same as CSA 6.20) (revision of ANSI Z21.78-2000 (R2005))

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

Project Need: To revise this Standard for Safety.

Details test and examination criteria for combination gas controls having a maximum operating gas pressure of 1/2 psi (3.45 kPa) with one or more of the following fuel gases: natural, manufactured, mixed, liquefied petroleum and liquefied petroleum gas-air mixtures.

BSR Z21.79b-200x, Gas Appliance Sediment Traps (same as CGA 6.21b) (revision of ANSI Z21.79-1997 (R2002))

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

Project Need: To revise this Standard for Safety.

Details test and examination criteria for gas appliance sediment traps having a maximum operating gas pressure rating of 1/2 psi. A sediment trap is defined as a device intended to protect appliance gas controls from dirt and foreign particles that may be present in gas piping.

BSR Z21.80b-200x, Line Pressure Regulators (same as CSA 6.22b) (revision of ANSI Z21.80-2002 (R2008))

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

Project Need: To revise this Standard for Safety.

Details test and examination criteria for line pressure regulators, either individual or in combination with other pressure protection devices intended for application in natural gas piping systems between the service regulator and the gas appliance's. This standard applies to regulators rated at 2, 5, or 10 psi with maximum outlet pressure of 1/2 psi or 2 psi, depending on the intended application. Regulators covered by this standard are intended to be used in one or more of the following applications:

- (1) upright;
- (2) horizontal;
- (3) vertical;
- (4) limited horizontal; and
- (5) multipoise.

BSR Z21.87a-200x, Automatic Gas Shutoff Devices for Hot Water Supply Systems (same as CSA 4.6a) (revision of ANSI Z21.87-2007)

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

Project Need: To revise this Standard for Safety.

Details test and examination criteria for automatic gas shutoff valves and devices that operate when the temperature-sensing element is at 210 F (99 C) or less.

BSR Z21.92b-200x, Manually Operated Electric Gas Ignition Systems and Components (same as CSA 6.29b) (revision of ANSI Z21.92-2001)

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

Project Need: To revise this Standard for Safety.

Details test and examination criteria for manually operated electric gas ignition system that is intended to form an integral part of a gas appliance. An ignition system shall ignite gas at the main or pilot burner using either spark or hot surface ignition. These ignition systems and components are for use with natural, manufactured and mixed gases; liquefied petroleum and LP gas-air mixtures.

BSR Z83.8a-200x, Gas Unit Heaters, Gas Packaged Heaters, Gas Utility Heaters and Gas-Fired Duct Furnaces (same as CSA 2.6a) (revision of ANSI Z83.8-2005)

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

Project Need: To revise this Standard for Safety.

Details test and examination criteria for gas unit heaters and gas-fired duct furnaces for use with natural manufactured, and mixed gases; LP gases; and LP gas-air mixtures. A unit heater may either be suspended or floor-mounted and may be of the low- or high-static pressure type. Duct furnaces are normally installed in distribution ducts of air conditioning systems to supply warm air for heating and depended for air circulation on a blower not furnished as a part of the furnace.

#### IEEE (ASC N42) (Institute of Electrical and Electronics Engineers)

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BSR N42.49B-200x, Performance Criteria for Non-Alarming Personal Emergency Radiation Detectors (PERDs) for Exposure Control (new standard)

Stakeholders: USDHS, and emergency responders (fire departments, police, etc).

Project Need: To provide the performance criteria and tests for non-alarming Personal Emergency Radiation Detectors (PERDs) for exposure control.

Establishes minimum performance criteria and test requirements for non-alarming radiation detectors used to control the exposure of emergency responders to photon radiation. The devices are designed to be worn or carried by an individual and shall provide rapid and clear indication of the level of accumulated radiation dose. Emergency responders include fire services, law enforcement, and medical services.



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

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BSR/IEEE 802.11ad-200x, LAN/MAN - Specific Requirements - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications - Amendment: Enhancements for Very High Throughput in the 60-GHz Band (addenda to ANSI/IEEE 802.11-2007)

Stakeholders: Manufacturers and users of semiconductors, personal computers, and consumer electronic devices.

Project Need: To advance WLAN technology to provide a throughput that supports gigabit-per-second speeds.

Defines standardized modifications to both the 802.11 physical layers (PHY) and the 802.11 Medium Access Control Layer (MAC) to enable operation in the 60 GHz frequency band (typically 57 - 66 GHz) capable of very high throughput. The MAC and PHY specified in this amendment:

- Enables a maximum throughput of at least 1 Gbps, as measured at the MAC data service access point (SAP);
- Enables fast session transfer between PHYs;
- Maintains the 802.11 user experience; and
- Provides mechanisms that enable coexistence with other systems in the band including IEEE 802.15.3c systems.

**ISA (ISA)**

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BSR/ISA 12.12.01-200x, Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations (revision of ANSI/ISA 12.12.01-2007)

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To modify a single clause in 16.4.2 to match industry usage.

Provides minimum requirements for the design, construction, and marking of electrical equipment or parts of such equipment for use in Class I and Class II, Division 2 and Class III, Divisions 1 and 2 hazardous (classified) locations.

BSR/ISA 60079-0 (12.00.01)-200x, Explosive atmospheres - Part 0: Equipment - General Requirements (national adoption with modifications and revision of ANSI/ISA 12.00.01-2005(IEC 60079-0 Ed 4 Mod))

Stakeholders: Consumers, manufacturers, and regulatory bodies.

Project Need: To provide for human, equipment, and location safety.

Specifies the general requirements for construction, testing and marking of electrical equipment and Ex components intended for use in explosive atmospheres. Explosive atmospheres are identified by the National Electrical Code (R), ANSI/NFPA 70, as hazardous (classified) locations and include the following specified locations:

- Class I, Zone 0;
- Class I, Zone 1; and
- Class I, Zone 2; Zone 20; Zone 21; and Zone 22.

**MHI (Material Handling Industry)**

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BSR MH16.1-200x, Design, Testing and Utilization of Industrial Steel Storage Racks (revision of ANSI MH16.1-2008)

Stakeholders: Designers, manufacturers, users, specifiers, distributors of industrial steel storage racks.

Project Need: To reflect the status of current testing programs to better align them to building codes and USGS seismic mapping.

Applies to industrial pallet racks, movable shelf racks, and stacker racks made of cold-formed or hot-rolled steel structural members. This standard does not apply to other types of racks, such as drive-in or drive-through racks, cantilever racks, portable racks, etc. or to racks made of material other than steel.

BSR MH26.2-200x, Design, Testing and Utilization of Welded-Wire Rack Decking (revision of ANSI MH26.2-2007)

Stakeholders: Producers, specifiers, installers, users of welded-wire rack decking.

Project Need: To expand and enhance testing protocols.

Applies to uniformly loaded rack decking fabricated from welded-wire mesh, with permanently attached reinforcements, for use in storage racks. Rack decking provides storage capability by creating a surface, in conjunction with a superstructure or framework (rack), upon which to place materials that may be on pallets, in containers, or in other forms. Changes from prior edition include updated normative and steel references, plus clarifications to performance-based utility as a design, testing and utilization standard.

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

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ANSI/NEMA WC 71-1999/IEA S-96-659-1999 (R200x), Standard for Nonshielded Cables Rated 2001-5000 Volts for Use in the Distribution of Electric Energy (reaffirmation of ANSI/NEMA WC 71-1999/IEA S-96-659-1999)

Stakeholders: Power control and instrumentation cable manufacturers, users, and general interest parties.

Project Need: To continue development during 2009-2010 for a revision to "Standard for Nonshielded Cables Rated 2001-5000 Volts for Use in the Distribution of Electric Energy".

Applies to materials, constructions, and testing of 2001 through 5000 volt nonshielded power cables having insulations of thermoplastic polyethylene, cross-linked polyethylene or crosslinked rubber. The insulation shall be either covered with a discharge resistant jacket or shall be a discharge-resistant material without a jacket.

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

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**BSR CGATS.5-200x**, Graphic technology - Spectral measurement and colorimetric computation for graphic arts images (identical national adoption and revision of ANSI CGATS.5-2003)

Stakeholders: Manufacturers of graphic arts image measurement equipment and users of the equipment.

Project Need: To provide standardized means for the measurement and computation of the colorimetric characteristics of graphic arts images to allow valid and comparable data to be obtained.

Establishes procedures for the spectral measurement of objects that reflect, transmit, or self-illuminate, including flat-panel displays. This standard also establishes procedures for computation of colorimetric parameters for graphic arts images.

**BSR CGATS.17-200x**, Graphic technology - Exchange format for color and process control data using XML or ASCII text (identical national adoption and revision of ANSI CGATS.17-2005)

Stakeholders: Color measurement equipment manufacturers and the users of this equipment.

Project Need: To provide a standardized format for exchange of color measurement data.

Defines an exchange format for colour and process control data (and the associated metadata necessary for its proper interpretation) in electronic form using either XML or ASCII formatted data files. This standard maintains human readability of the data as well as enabling machine readability.

## American National Standards Maintained Under Continuous Maintenance

The ANSI Essential Requirements: Due Process Requirements for American National Standards provide two options for the maintenance of American National Standards (ANS): periodic maintenance (see clause 4.7.1) and continuous maintenance (see clause 4.7.2). Continuous maintenance is defined as follows:

The standard shall be maintained by an accredited standards developer. A documented program for periodic publication of revisions shall be established by the standards developer. Processing of these revisions shall be in accordance with these procedures. The published standard shall include a clear statement of the intent to consider requests for change and information on the submittal of such requests. Procedures shall be established for timely, documented consensus action on each request for change and no portion of the standard shall be excluded from the revision process. In the event that no revisions are issued for a period of four years, action to reaffirm or withdraw the standard shall be taken in accordance with the procedures contained in the ANSI Essential Requirements.

The Executive Standards Council (ExSC) has determined that for standards maintained under the Continuous Maintenance option, separate PINS announcements are not required. The following ANSI Accredited Standards Developers have formally registered standards under the Continuous Maintenance option.

- AAMI
- AAMVA
- AGA
- AGRSS, Inc.
- ASC X9
- ASHRAE
- ASME
- ASTM
- GEIA
- HL7
- MHI (ASC MH10)
- NBBPVI
- NCPDP
- NISO
- NSF
- TIA
- Underwriters Laboratories, Inc. (UL)

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

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



# ISO Draft International Standards

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

## Comments

Comments regarding ISO documents should be sent to Henrietta Scully, at ANSI's New York offices. The final date for offering comments is listed after each draft.

## Ordering Instructions

**ISO Drafts can be made available by contacting ANSI's Customer Service department. Please e-mail your request for an ISO Draft to Customer Service at [sales@ansi.org](mailto:sales@ansi.org). When making your request, please provide the date of the Standards Action issue in which the draft document you are requesting appears.**

## **DOCUMENT IMAGING APPLICATIONS (TC 171)**

ISO/DIS 12029, Document management - Machine-readable paper forms - Optimal design for user friendliness and electronic document management systems (EDMS) - 8/1/2009, \$71.00

## **FLUID POWER SYSTEMS (TC 131)**

ISO/DIS 11926-1, Connections for general use and fluid power - Ports and stud ends with ISO 263 UN and UNF threads and O-ring sealing - Part 1: Ports with truncated housing for O-ring seal - 8/6/2009, \$40.00

ISO/DIS 11926-2, Connections for general use and fluid power - Ports and stud ends with ISO 263 inch threads and O-ring sealing - Part 2: Heavy-duty (S series) stud ends - 8/6/2009, \$53.00

ISO/DIS 11926-3, Connections for general use and fluid power - Ports and stud ends with ISO 263 inch threads and O-ring sealing - Part 3: Light-duty (L series) stud ends - 8/6/2009, \$53.00

## **HEALTH INFORMATICS (TC 215)**

ISO/DIS 21549-8, Health informatics - Patient healthcard data - Part 8: Links - 8/1/2009, \$53.00

ISO/DIS 27953-1, Health informatics - Pharmacovigilance - Individual case safety report - Part 1: The framework for adverse event reporting - 8/1/2009, \$165.00

ISO/DIS 27953-2, Health informatics - Pharmacovigilance - Individual case safety report - Part 2: Human pharmaceutical reporting requirements for ICSR - 8/1/2009, \$125.00

## **PLASTICS (TC 61)**

ISO/DIS 10927, Determination of the molecular mass and molecular mass distribution of polymer species by matrix-assisted laser desorption/ionization time-of-flight mass spectrometry (MALDITOF-MS) - 8/1/2009, \$58.00

ISO/DIS 11337, Plastics - Polyamides - Determination of e-caprolactam and w-lauro lactam by gas chromatography - 8/1/2009, \$67.00

ISO/DIS 16014-5, Plastics - Determination of average molecular mass and molecular mass distribution of polymers using size-exclusion chromatography - Part 5: Light-scattering method - 8/1/2009, \$82.00

## **ROAD VEHICLES (TC 22)**

ISO/DIS 9815, Road vehicles - Passenger-car and trailer combinations - Lateral stability test - 8/6/2009, \$71.00

ISO/DIS 10392, Road vehicles - Determination of centre of gravity - 8/6/2009, \$67.00

ISO/DIS 15031-2, Road vehicles - Communication between vehicle and external equipment for emissions-related diagnostics - Part 2: Terms, definitions, abbreviations and acronyms - 8/1/2009, \$46.00

ISO/DIS 15031-5, Road vehicles - Communication between vehicle and external equipment for emissions-related diagnostics - Part 5: Emissions-related diagnostic services - 8/1/2009, \$175.00

## **TEXTILES (TC 38)**

ISO/DIS 10617, Textiles - Standard data format for colorimetric communication - Textiles and related measurements - 8/6/2009, \$112.00

ISO/DIS 30023, Textiles - Care labelling code using symbols for workwear to be industrially laundered - 8/1/2009, \$58.00



# Newly Published ISO and IEC Standards

Listed here are new and revised standards recently approved and promulgated by ISO - the International Organization for Standardization – and IEC – the International Electrotechnical Commission. Most are available at the ANSI Electronic Standards Store (ESS) at [www.ansi.org](http://www.ansi.org). All paper copies are available from Standards resellers (<http://webstore.ansi.org/faq.aspx#resellers>).

## ISO Standards

### AGRICULTURAL FOOD PRODUCTS (TC 34)

[ISO 5764:2009](#), Milk - Determination of freezing point - Thermistor cryoscope method (Reference method), \$92.00

### ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

[ISO 81060-2:2009](#), Non-invasive sphygmomanometers - Part 2: Clinical validation of automated measurement type, \$129.00

### CLINICAL LABORATORY TESTING AND IN VITRO DIAGNOSTIC TEST SYSTEMS (TC 212)

[ISO 15193:2009](#), In vitro diagnostic medical devices - Measurement of quantities in samples of biological origin - Requirements for content and presentation of reference measurement procedures, \$98.00

[ISO 15194:2009](#), In vitro diagnostic medical devices - Measurement of quantities in samples of biological origin - Requirements for certified reference materials and the content of supporting documentation, \$86.00

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

[ISO 13678:2009](#), Petroleum and natural gas industries - Evaluation and testing of thread compounds for use with casing, tubing, line pipe and drill stem elements, \$149.00

### MATERIALS FOR THE PRODUCTION OF PRIMARY ALUMINIUM (TC 226)

[ISO 20292:2009](#), Materials for the production of primary aluminium - Dense refractory bricks - Determination of cryolite resistance, \$57.00

### OPTICS AND OPTICAL INSTRUMENTS (TC 172)

[ISO 23584-1:2009](#), Optics and photonics - Specification of reference dictionary - Part 1: General overview on organization and structure, \$80.00

### PAINTS AND VARNISHES (TC 35)

[ISO 9117-1:2009](#), Paints and varnishes - Drying tests - Part 1: Determination of through-dry state and through-dry time, \$57.00

### POWDER METALLURGY (TC 119)

[ISO 3327:2009](#), Hardmetals - Determination of transverse rupture strength, \$49.00

### PRODUCTS IN FIBRE REINFORCED CEMENT (TC 77)

[ISO 8336:2009](#), Fibre-cement flat sheets - Product specification and test methods, \$149.00

### SCREW THREADS (TC 1)

[ISO 1501:2009](#), ISO miniature screw threads, \$86.00

### SHIPS AND MARINE TECHNOLOGY (TC 8)

[ISO 9943:2009](#), Shipbuilding - Ventilation and air-treatment of galleys and pantries with cooking appliances, \$73.00

### TEXTILES (TC 38)

[ISO 15487:2009](#), Textiles - Method for assessing appearance of apparel and other textile end products after domestic washing and drying, \$73.00

## ISO/IEC JTC 1, Information Technology

[ISO/IEC 15018/Amd1:2009](#), Information technology - Generic cabling for homes - Amendment 1, \$49.00

[ISO/IEC 27000:2009](#), Information technology - Security techniques - Information security management systems - Overview and vocabulary, \$98.00

## IEC Standards

### BARE ALUMINIUM CONDUCTORS (TC 7)

[IEC 62420 Ed. 1.0 b:2009](#), Concentric lay stranded overhead electrical conductors containing one or more gap(s), \$128.00

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

[IEC 61935-3 Ed. 1.0 b:2008](#), Testing of balanced and coaxial information technology cabling - Part 3: Installed cabling as specified in ISO/IEC 15018 and related standards, \$61.00

### CLASSIFICATION OF HAZARDOUS AREAS AND INSTALLATION REQUIREMENTS (TC 31J)

[IEC 60079-10-2 Ed. 1.0 b:2009](#), Explosive atmospheres - Part 10-2: Classification of areas - Combustible dust atmospheres, \$143.00

### ELECTRICAL INSTALLATIONS OF SHIPS AND OF MOBILE AND FIXED OFFSHORE UNITS (TC 18)

[IEC/PAS 60092-510 Ed. 1.0 en:2009](#), Electrical installations in ships - Part 510: Special features - High-voltage shore connection systems, \$250.00

### ELECTROACOUSTICS (TC 29)

[IEC 60645-6 Ed. 1.0 b:2009](#), Electroacoustics - Audiometric equipment - Part 6: Instruments for the measurement of otoacoustic emissions, \$77.00

[IEC 60645-7 Ed. 1.0 b:2009](#), Electroacoustics - Audiometric equipment - Part 7: Instruments for the measurement of auditory brainstem responses, \$61.00

### ELECTROMAGNETIC COMPATIBILITY (TC 77)

[IEC 61000-3-2 Ed. 3.2 b:2009](#), Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current  $\leq$  16 A per phase), \$163.00

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

[IEC 61076-3-114 Ed. 1.0 b:2009](#), Connectors for electronic equipment - Product requirements - Part 3-114: Rectangular connectors - Detail specification for protective housings for use with 8-way shielded and unshielded connectors for frequencies up to 600 MHz for industrial environments incorporating the IEC 60603-7 series interface - Variant 11 related to IEC 61076-3-106 - Bayonet coupling type, \$117.00

[IEC 61076-3-117 Ed. 1.0 b:2009](#), Connectors for electronic equipment - Product requirements - Part 3-117: Rectangular connectors - Detail specification for protective housings for use with 8-way shielded and unshielded connectors for industrial environments incorporating the IEC 60603-7 series interface - Variant 14 related to IEC 61076-3-106 - Push-pull coupling, \$97.00

**FIBRE OPTICS (TC 86)**

[IEC/TR 61292-1 Ed. 2.0 en:2009](#), Optical amplifiers - Part 1: Parameters of amplifier components, \$97.00

[IEC 60793-2-40 Ed. 3.0 en:2009](#), Optical fibres - Part 2-40: Product specifications - Sectional specification for category A4 multimode fibres, \$143.00

**FLAT PANEL DISPLAY DEVICES (TC 110)**

[IEC 61747-5-3 Ed. 1.0 b:2009](#), Liquid crystal display devices - Part 5-3: Environmental, endurance and mechanical test methods - Glass strength and reliability, \$97.00

**FUSES (TC 32)**

[IEC 60269-1 Amd.1 Ed. 4.0 b:2009](#), Amendment 1 - Low-voltage fuses - Part 1: General requirements, \$66.00

**NUCLEAR INSTRUMENTATION (TC 45)**

[IEC 60768 Ed. 2.0 b:2009](#), Nuclear power plants - Instrumentation important to safety - Equipment for continuous in-line or on-line monitoring of radioactivity in process streams for normal and incident conditions, \$158.00

[IEC 61772 Ed. 2.0 b:2009](#), Nuclear power plants - Control rooms - Application of visual display units (VDUs), \$179.00

**OVENS AND MICROWAVE OVENS, COOKING RANGES AND SIMILAR APPLIANCES (TC 59K)**

[IEC 60350 Ed. 2.2 b:2009](#), Electric cooking ranges, hobs, ovens and grills for household use - Methods for measuring performance, \$265.00

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

[IEC 60335-2-21 Ed. 5.2 b:2009](#), Household and similar electrical appliances - Safety - Part 2-21: Particular requirements for storage water heaters, \$133.00

[IEC 60335-2-44 Ed. 3.1 b:2009](#), Household and similar electrical appliances - Safety - Part 2-44: Particular requirements for ironers, \$92.00

[IEC 60335-2-61 Ed. 2.2 b:2009](#), Household and similar electrical appliances - Safety - Part 2-61: Particular requirements for thermal storage room heaters, \$133.00

[IEC 60335-2-66 Ed. 2.1 b:2009](#), Household and similar electrical appliances - Safety - Part 2-66: Particular requirements for water-bed heaters, \$92.00

[IEC 60335-2-75 Ed. 2.2 b:2009](#), Household and similar electrical appliances - Safety - Part 2-75: Particular requirements for commercial dispensing appliances and vending machines, \$163.00

**SEMICONDUCTOR DEVICES (TC 47)**

[IEC 60747-14-3 Ed. 2.0 b:2009](#), Semiconductor devices - Part 14-3: Semiconductor sensors - Pressure sensors, \$97.00

**SURGE ARRESTERS (TC 37)**

[IEC 61643-21 Ed. 1.1 b:2009](#), Low voltage surge protective devices - Part 21: Surge protective devices connected to telecommunications and signalling networks - Performance requirements and testing methods, \$265.00

**SWITCHGEAR AND CONTROLGEAR (TC 17)**

[IEC 60947-5-1 Amd.1 Ed. 3.0 b:2009](#), Amendment 1 - Low-voltage switchgear and controlgear - Part 5-1: Control circuit devices and switching elements - Electromechanical control circuit devices, \$66.00

[IEC 60947-7-1 Ed. 3.0 b:2009](#), Low-voltage switchgear and controlgear - Part 7-1: Ancillary equipment - Terminal blocks for copper conductors, \$143.00

[IEC 60947-7-2 Ed. 3.0 b:2009](#), Low-voltage switchgear and controlgear - Part 7-2: Ancillary equipment - Protective conductor terminal blocks for copper conductors, \$97.00

[IEC 60947-7-3 Ed. 2.0 b:2009](#), Low-voltage switchgear and controlgear - Part 7-3: Ancillary equipment - Safety requirements for fuse terminal blocks, \$158.00

[IEC 62271-104 Ed. 1.0 b:2009](#), High-voltage switchgear and controlgear - Part 104: Alternating current switches for rated voltages of 52 kV and above, \$179.00

**TOOLS FOR LIVE WORKING (TC 78)**

[IEC 61243-1 Amd.1 Ed. 2.0 b:2009](#), Amendment 1 - Live working - Voltage detectors - Part 1: Capacitive type to be used for voltages exceeding 1 kV a.c., \$87.00

[IEC 61477 Ed. 2.0 b Cor.1:2009](#), Corrigendum 1 - Live working - Minimum requirements for the utilization of tools, devices and equipment, \$0.00

[IEC 61482-2 Ed. 1.0 b:2009](#), Live working - Protective clothing against the thermal hazards of an electric arc - Part 2: Requirements, \$107.00

**WINDING WIRES (TC 55)**

[IEC 60264-1 Amd.1 Ed. 1.0 b:2009](#), Amendment 1 - Packaging of winding wires - Part 1: Containers for round winding wires, \$19.00

[IEC 60264-4-1 Amd.1 Ed. 2.0 b:2009](#), Amendment 1 - Packaging of winding wires - Part 4-1: Methods of test - Delivery spools made from thermoplastic materials, \$21.00

# Registration of Organization Names in the United States

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

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

## PUBLIC REVIEW

Corepoint Health

Public Review: March 11 to June 9, 2009

MLM

Organization: Martin Marietta Materials

Contact: David Jastrow – Sr. Systems Administrator

Address: 2700 Wycliff Road

Raleigh, NC 27607

PHONE: (919) 882-2268

FAX: (919) 882-2208

E-mail: [david.jastrow@martinmarietta.com](mailto:david.jastrow@martinmarietta.com)

Public Review: April 3 to July 2, 2009

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

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

## Proposed Foreign Government Regulations

### Call for Comment

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

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

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

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

# Information Concerning

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## American National Standards

### INCITS Executive Board

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

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

The INCITS Executive Board serves as the consensus body with its oversight of programs of its 30+ Technical Committees. Additionally, the INCITS Executive Board exercises international leadership in its role as the US Technical Advisory Group (TAG) to ISO/IEC JTC 1, Information Technology.

The INCITS Executive Board seeks to broaden its membership base and is recruiting new participants in all membership categories:

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

Membership in the INCITS Executive Board is open to all directly and materially affected parties in accordance with INCITS membership rules. To find out more about participating on the INCITS Executive Board, please contact Jennifer Garner at 202-626-5737 or [jgarner@itic.org](mailto:jgarner@itic.org).

### PINS Correction

#### BSR/TIA 526-7-200x

The following standards proposal was mistakenly listed in the PINS section of the April 29, 2009 issue of Standards Action:

BSR/TIA 526-7-200x, Measurement of Optical Power Loss of Installed Single-Mode Fiber Cable Plant

## ANSI Accredited Standards Developers

### Approval of Accreditation

#### Associated Air Balance Council (AABC)

ANSI's Executive Standards Council has approved the Associated Air Balance Council (AABC), a new ANSI Organizational Member in 2009, as an ANSI Accredited Standards Developer (ASD) under its proposed operating procedures for documenting consensus on proposed American National Standards, effective May 1, 2009. For additional information, please contact: Mr. Ray Bert, Director of Communications, Associated Air Balance Council, 1518 K Street, NW, Suite 503, Washington, DC 20005; PHONE: (202) 737-0202; FAX: (202) 638-4833; E-mail: [ray@aabc.com](mailto:ray@aabc.com).

### Reaccreditation

#### Underwriters Laboratories (UL)

#### Comment Deadline: June 8, 2009

Underwriters Laboratories (UL), an ANSI Organizational Member, has submitted revisions to the operating procedures under which it was last reaccredited in 2005. As these revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of UL's revised procedures, or to offer comments, please contact: Mr. Don Snyder, Director, U.S. Standards, Underwriters Laboratories, 12 Laboratory Drive, Research Triangle Park, NC 27709; PHONE: (919) 549-1850; FAX: (919) 547-6173; E-mail: [Donald.E.Snyder@us.ul.com](mailto:Donald.E.Snyder@us.ul.com). You may view/download a copy of the revisions during the public review period at the following URL:

<http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fPublic%20Review%20and%20Comment%2fANS%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d>. Please submit comments to UL by June 8, 2009, with a copy to the ExSC Recording Secretary in ANSI's New York Office (FAX: (212) 840-2298; E-mail: [Jthompson@ANSI.org](mailto:Jthompson@ANSI.org)).

## International Organization for Standardization (ISO)

### Call for International (ISO) Secretariat

#### ISO/TC 68/SC 2 – Financial services – Security management and general banking operations

ANSI has been informed by the Accredited Standards Committee X9, Incorporated, the ANSI-delegated Secretariat of ISO/TC 68/SC 2, that they wish to relinquish the delegation of the secretariat of the ISO Subcommittee.

SC 2 operates within the scope of ISO/TC 68 as follows:

Standardization in the field of banking, securities and other financial services.

Information concerning the United States retaining the role of international secretariat may be obtained by contacting Rachel Howenstine, ANSI, via e-mail at [rhowenstine@ansi.org](mailto:rhowenstine@ansi.org).

## Proposal for New Work Item

### Guidance for Stakeholder Engagement

**Comment Deadline: June 26, 2009**

The ISO Technical Management Board (TMB) based on a proposal by the Committee on Consumer Policy (COPOLCO) has submitted to ISO a new work item proposal on the subject of Guidance for Stakeholder Engagement, with the following scope statement:

This standard will provide guidance on identifying and engaging with stakeholders, with the aim of providing an informed basis for an organization's decisions. Such engagement activities can range from information provision for consultations to full multi-stakeholder processes. This Standard will cover principles and provide practical guidance in planning, designing, communicating and implementing a timely and proactive engagement activity. This standard will also include guidance about what needs to be considered before deciding to undertake a consultation process. This standard will be applicable to all organizations. While the practical guidance in this standard could be used by the public and private sector in policy, program and project development, it is not intended to provide guidance on broader matters of representative democracy or corporate governance.

This proposal has been sent to the members of the ANSI ISO Council (AIC).

Anyone wishing to review the new work item can request a copy of the proposal by contacting Henrietta Scully, ANSI, via e-mail: [hscully@ansi.org](mailto:hscully@ansi.org) by June 23rd with submission of comments to Steven Cornish ([scornish@ansi.org](mailto:scornish@ansi.org)) by close of business June 26, 2009.

## U.S. Technical Advisory Groups

### Approval of TAG Accreditation

#### U.S. TAG to the New ISO Technical Committee 247, Fraud Countermeasures and Controls, and PC 246, Anti-Counterfeiting Tools

ANSI's Executive Standards Council (ExSC) has approved the accreditation of a new U.S. Technical Advisory Group to the new ISO Technical Committee 247, Fraud countermeasures and controls and PC 246, Anti-counterfeiting tools, with the North American Security Products Organization (NASPO) serving as Secretariat. For additional information, please contact: Mr. Michael O'Neil, Executive Director, NASPO, 1425 K Street, NW, Suite 350, Washington, DC 20005; PHONE: (202) 587-5743; FAX: (604) 921-9171; E-mail: [mikeo@naspo.info](mailto:mikeo@naspo.info).

## Meeting Notice

### Chemicals Subsection Engineering Committee

**Sponsor:** Chemicals Subsection Engineering Committee

**Purpose:** Review of Guideline K-2004 (Containers for Recovered Fluorocarbon Refrigerants)

**Date:** May 13, 2009

**Time:** 9:00 a.m. EST

**Location of Meeting:** Teleconference Call

**Contact:** Maryline Rassi, (703) 600-0366, E-mail: [mrassi@ahrinet.org](mailto:mrassi@ahrinet.org)



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Revision to NSF/ANSI 50 – 2009

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Issue 61, Draft 1 (April 2009)

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## NSF/ANSI 50-2009

### Equipment for Swimming, Spas, Hot Tubs, and Other Recreational Water Facilities

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## 16 Copper/silver and copper ion generators

### 16.1 General

Electrolytic copper/silver and copper ion generation systems are intended for supplemental treatment of water in public and residential pools, and spas/hot tubs, and other recreational water facilities. An additional disinfecting chemical, such as chlorine or bromine, may be required (to impart a measurable residual level in the water) by the regulatory agency having authority. ~~These systems shall be used in conjunction with a no less than 0.4 ppm free chlorine or 0.8 ppm of free bromine.<sup>4</sup>~~ Copper levels shall be easily and accurately measured by a pool side test kit provided by the manufacturer. Levels of copper/silver should not be imparted into pool or spa water in excess of the USEPA Primary and Secondary National Drinking Water Regulations. The system shall conform to this Standard (see [section 11](#)).

#### 16.1.1 Alternate systems

Systems using ion treatment other than copper or silver may be considered for conformance with this Standard if scientific evidence supporting the efficacy of the system is provided. Scientific evidence shall be in the following form:

- published peer-reviewed literature;
- data supporting conformance of the system to the requirements of this section;
- data supporting the efficacy of the system in an actual field application(s); or
- rationale supporting the efficacy of the system for the intended end use.

### 16.2 Operating temperatures and pressures

The system shall be designed to withstand a minimum water temperature of  $39 \pm 1$  °C ( $102 \pm 2$  °F).

### 16.3 Warning devices

A visual or audible indicator shall be provided to warn the user when ion production ceases.

### 16.4 Chemical-resistant materials

Equipment parts shall incorporate materials that are resistant to the environment to which the parts will be subjected.

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<sup>4</sup> ~~Under certain conditions, additional free available chlorine or bromine may be required by the regulatory agency having authority. These are minimum requirements and the local and/or state regulations shall take precedent where it is higher.~~

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[Note – the changes are seen below using **strikeout** for removal of old text and **gray highlights** to show the suggested text.]

NSF/ANSI Standard  
for Drinking Water Additives —

## Drinking water system components – Health effects

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- 
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### 9 Mechanical plumbing devices

#### 9.1 Coverage

This section covers mechanical plumbing devices, components, and materials that are typically installed within the last liter of the distribution system (endpoint devices) and are intended to dispense water for human ingestion. In-line devices are excluded from this section. Point-of-use and point-of-entry water treatment devices are excluded.

9.1.1 Endpoint devices specifically included in the coverage of this section are:

- remote chillers;
- ~~single handle and two handle~~ lavatory faucets (for example: centersets, widespread, mini-spread, and basin cocks), except as exempted in 9.1.2;
- ~~two hole and single hole~~ bar faucets;
- ~~single handle and two handle~~ kitchen faucets (for example: top mounts, ~~concealed fittings~~, and wall mounts);
- hot and cold water dispensers;
- drinking fountains, drinking fountain bubblers, and water coolers;
- glass fillers;
- residential refrigerator ice makers;
- flexible plumbing connectors and flexible risers intended for potable water applications;

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DRAFT Revision to NSF/ANSI 61 – 2008  
Issue 84 revision 1, (April 2009)

- supply stops and endpoint control valves; and
- commercial kitchen devices (see 9.2.3), limited to the following:
  - pot and kettle fillers (see 9.2.7);
  - devices with extended standpipes or risers (see 9.2.5); and
  - pre-rinse assemblies that include an auxiliary spout or other outlet.

NOTE 1 – Only the commercial kitchen devices listed above shall be evaluated using the 18.9 L (5 gal) normalization.

NOTE 2 – The base device to which the pre-rinse component is added shall be considered a commercial kitchen device only if it meets the definition of either a pot and kettle filler (see 9.2.7) or a device with extended standpipes or risers (see 9.2.5).

**9.1.2** Endpoint devices specifically exempted from the coverage of this section are:

- bath and shower valves, shower heads of all types, and Roman tub valves;
- all drains;
- backflow prevention devices;
- flexible plumbing connectors and flexible risers not intended for potable water applications (~~i.e. for example:~~ washing machines, dishwashers, etc.);
- pre-rinse assemblies that do not include an auxiliary spout or other outlet; and
- all endpoint devices that are not specifically intended to dispense water for human consumption, ~~for example:~~
  - utility, laundry, laboratory, bidet, and shampoo ~~fixtures~~ faucets;
  - faucets with a hose thread spout end or with a quick disconnect end;
  - faucets that are self-closing or metering;
  - ~~or~~ electronically activated ~~non-kitchen~~ faucets; or
  - ~~non-lavatory~~ hand wash stations.

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[Note – the changes are seen below using ~~strikeout~~ for removal of old text and **gray highlights** to show the suggested text. ONLY the temperature tolerances are within the scope of this ballot.]

NSF/ANSI Standard  
for Drinking Water Additives —

## Drinking water system components – Health effects

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**4.2.2 commercial hot water application:** A product application that is intended to result in continuous or intermittent exposure to water that has been raised from ambient temperature. Intermittent exposure is defined as any hot water contact that is not continuous. Products are tested for an end-use temperature of  $82 \pm 2$  °C ( $180 \pm 34$  °F).

**4.2.3 domestic hot water application:** A product application that is intended to result in continuous or intermittent exposure to water that has been raised from ambient temperature. Intermittent exposure is defined as any hot water contact that is not continuous. Products are tested for an end-use temperature of  $60 \pm 2$  °C ( $140 \pm 34$  °F).

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### 4.5.5.2.1 Intermittent hot water conditioning

Products that are intended to be in intermittent contact with hot water shall undergo the cold application conditioning according to 4.5.5.1. At the conclusion of the cold application conditioning, the products shall be further conditioned in the exposure water(s) selected in 4.5.3 at either  $60 \pm 2$  °C ( $140 \pm 34$  °F) or  $82 \pm 2$  °C ( $180 \pm 34$  °F) for two consecutive  $60 \pm 5$  min periods. The exposure water shall be decanted and discarded after each 1-h period. Exposure of the sample according to 4.5.6 shall immediately follow completion of the further conditioning.

### 4.5.5.2.2 Continuous hot water conditioning

Products that are intended to be in continuous contact with hot water shall be conditioned in the exposure water(s) selected in 4.5.3 at either  $60 \pm 2$  °C ( $140 \pm 34$  °F) or  $82 \pm 2$  °C ( $180 \pm 34$  °F) for 14 d. During the 14-d period, the exposure water shall be changed at least 10 times with a minimum period of  $24 \pm 1$  h between water changes. The free available chlorine concentration during the conditioning period shall be 2 mg/L. After the 14-d conditioning period, the exposure water in the product or in the vessel shall be decanted and discarded. Shortened conditioning periods shall be permitted at the request of the manufacturer. Exposure of the sample according to 4.5.6 shall immediately follow conditioning.

### 4.5.6.1 Single time point exposure – cold application

Immediately after conditioning, the product shall be exposed at  $23 \pm 42$  °C ( $73 \pm 24$  °F) according to the schedule in table 4.2.

#### **4.5.6.2.1 Intermittent hot water exposure**

Immediately after conditioning, the product shall undergo the cold application exposure according to 4.5.6.1. Prior to the final 16-h exposure, the product shall be exposed at the selected elevated temperature, either  $60 \pm 42$  °C ( $140 \pm 24$  °F) or  $82 \pm 42$  °C ( $180 \pm 24$  °F), for  $30 \pm 5$  min. The product shall then be exposed at  $23 \pm 42$  °C ( $73 \pm 24$  °F) for the duration of the exposure period. The exposure water shall not be decanted prior to initiation of the final 16-h exposure.

#### **4.5.6.2.2 Continuous hot water exposure**

Immediately after conditioning, the product (in-product exposures) or the exposure vessel (in-vessel exposures) shall be filled with fresh exposure water of the applicable pH (see 4.5.3). The product shall then be exposed at the selected elevated temperature, either  $60 \pm 42$  °C ( $140 \pm 24$  °F) or  $82 \pm 42$  °C ( $180 \pm 24$  °F), according to the schedule in table 4.2.

#### **4.5.7.1 Cold application**

Products that are intended to be in contact with only cold water shall be maintained at  $23 \pm 42$  °C ( $73 \pm 24$  °F) for 19 d. During the 19-d period, the exposure water shall be changed at least 12 times, with a minimum period of  $24 \pm 1$  h between water changes. At seven of these water changes, extraction water shall be collected for analysis after a 24-h exposure. For extrapolation and normalization purposes, the number of hours elapsed since the most recent water change (or sample collection) and the number of days elapsed since the initiation of the exposure shall be recorded at the time of each extraction water collection.

NOTE – Table 4.3 provides an example multiple time point conditioning/exposure protocol. Alternate protocols shall be permitted as long as the requirements of 4.5.7.1 are met.

At the discretion of the manufacturer, direct measurement of a Day 90 extraction shall be permitted. The products shall be maintained at  $23 \pm 42$  °C ( $73 \pm 24$  °F). Extraction water shall be collected for analysis at a minimum of two time points: after Day 1 (representing 14 d of conditioning and 1 d of acute exposure), and after the final exposure terminating on Day 90 (representing 14 d of conditioning, 1 d of acute exposure, and 90 d of chronic exposure). The exposure water shall be changed at least 4 d/wk during the interval between the initial and final exposures. Exposures that are used for the collection of extractant water for analysis shall not exceed  $24 \pm 1$  h in duration.

#### **4.5.7.2 Hot applications**

##### **4.5.7.2.1 Intermittent hot water exposure**

Products that are intended to be in intermittent contact with hot water shall undergo the cold application exposure according to 4.5.7.1. At the initiation of each exposure that will be collected for analysis, the product shall be exposed at the selected elevated temperature, either  $60 \pm 42$  °C ( $140 \pm 24$  °F) or  $82 \pm 42$  °C ( $180 \pm 24$  °F), for  $30 \pm 5$  min. The product shall then be exposed at  $23 \pm 42$  °C ( $73 \pm 24$  °F) for the duration of the exposure period. The exposure water shall not be decanted prior to the completion of the exposure period.

NOTE 1 – Table 4.3 provides an example multiple time point conditioning/exposure protocol. Alternate protocols shall be permitted as long as the requirements of 4.5.7.2.1 are met.

NOTE 2 – The stated duration of the conditioning period at the hot temperature does not include any time needed to elevate the product sample or exposure vessel to the required exposure temperature.

At the discretion of the manufacturer, direct measurement of a Day 90 extraction shall be permitted. At the initiation of each exposure that will be collected for analysis, the products shall be exposed at the selected elevated temperature, either  $60 \pm 42$  °C ( $140 \pm 24$  °F) or  $82 \pm 42$  °C ( $180 \pm 24$  °F), for  $30 \pm 5$  min. The product shall then be exposed at  $23 \pm 42$  °C ( $73 \pm 24$  °F) for the duration of the exposure period. The exposure water shall not be decanted prior to the completion of the exposure period. Extraction water shall be collected for analysis at a minimum of two time points: after Day 1 (representing 14 d of conditioning and 1 d of acute exposure), and after the final exposure terminating on Day 90 (representing 14 d of conditioning, 1 d of acute exposure, and 90 d of chronic exposure). The exposure water shall be changed at least 4 d/wk during the interval between the initial and final exposures. Exposures that are used for the collection of extractant water for analysis shall not exceed  $24 \pm 1$  h in duration.

#### 4.5.7.2.2 Continuous hot water exposure

Products that are intended to be in continuous contact with hot water shall be maintained at the selected elevated temperature, either  $60 \pm 42$  °C ( $140 \pm 24$  °F) or  $82 \pm 42$  °C ( $180 \pm 24$  °F) for 19 d. During the 19-d period, the exposure water shall be changed at least 12 times with a minimum period of  $24 \pm 1$  h between water changes. At seven of these water changes, extraction water shall be collected for analysis after a 24-h exposure. For extrapolation and normalization purposes, the number of hours elapsed since the most recent water change (or sample collection) and the number of days elapsed since the initiation of the exposure shall be recorded at the time of each extraction water collection.

NOTE – Table 4.3 provides an example multiple time point conditioning/exposure protocol. Alternate protocols shall be permitted as long as the requirements of 4.5.7.2.2 are met.

At the discretion of the manufacturer, direct measurement of a Day 90 extraction shall be permitted. The products shall be maintained at the selected elevated temperature, either  $60 \pm 42$  °C ( $140 \pm 24$  °F) or  $82 \pm 42$  °C ( $180 \pm 24$  °F). Extraction water shall be collected for analysis at at least two time points: after Day 1 (representing 14 d of conditioning and 1 d of acute exposure), and after the final exposure terminating on Day 90 (representing 14 d of conditioning, 1 d of acute exposure, and 90 d of chronic exposure). The exposure water shall be changed at least 4 d/wk during the interval between the initial and final exposures. Exposures that are used for the collection of extractant water for analysis shall not exceed  $24 \pm 1$  h in duration.

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**7.5.5.4.2** After media are flushed and conditioned in accordance with 7.5.5.4.1, the exposure vessel shall be refilled with the exposure water specified in 7.5.4 and maintained for 24 h at a temperature of  $23 \pm 2$  °C ( $73 \pm 34$  °F). A 2-L water sample shall then be collected in accordance with 7.5.5.4.3. The exposure vessel shall then be flushed with 5 unit volumes and maintained for another 24 h at an ambient temperature of  $23 \pm 2$  °C ( $73 \pm 34$  °F). A second 2-L water sample shall be collected in accordance with 7.5.5.4.3. The exposure vessel shall then be flushed with 5 unit volumes, refilled, and maintained for a third period of 24 h at a temperature of  $23 \pm 2$  °C ( $73 \pm 34$  °F). A third 2-L water sample shall be collected in accordance with 7.5.5.4.3.

**Table 7.4 – Exposure schedule for process media of  $\geq 0.25$  mm in diameter**

Time	Temperature	Comment
60 ± 5 min	$23 \pm 42$ °C ( $73 \pm 24$ °F)	Exposure water is drained/decanted and discarded; the exposure vessel is refilled and exposure is continued.
60 ± 5 min	$23 \pm 42$ °C ( $73 \pm 24$ °F)	Exposure water is drained/decanted and discarded; the exposure vessel is refilled and exposure is continued.
60 ± 5 min	$23 \pm 42$ °C ( $73 \pm 24$ °F)	Exposure water is collected and filtered for analyses.

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**8.2.2 commercial hot water application:** A product application that is intended to result in continuous or intermittent exposure to water that has been raised from ambient temperature. Intermittent exposure is defined as any hot water contact that is not continuous. Products are tested for an end-use temperature of  $82 \pm 2$  °C ( $180 \pm 34$  °F).

**8.2.3 domestic hot water application:** A product application that is intended to result in continuous or intermittent exposure to water that has been raised from ambient temperature. Intermittent exposure is defined as any hot water contact that is not continuous. Products are tested for an end-use temperature of  $60 \pm 2$  °C ( $140 \pm 34$  °F).

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**Table B5 – Exposure sequence for cold applications**

Exposure temperature	Exposure time	Elapsed time	Comment
$23 \pm 42$ °C ( $73 \pm 24$ °F)	$24 \pm 1$ h	1 d	Extraction water is decanted and discarded; the exposure vessel or product is refilled with exposure water and exposure is continued.
$23 \pm 42$ °C ( $73 \pm 24$ °F)	$24 \pm 1$ h	2 d	Extraction water is decanted and discarded; the exposure vessel or product is refilled with exposure water and exposure is continued.
$23 \pm 42$ °C ( $73 \pm 24$ °F)	$24 \pm 1$ h	3 d	Extraction water is collected for analysis.

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**Table B6 – Exposure sequence for hot applications**

Exposure temperature	Exposure time	Elapsed time	Comment
60 ± 42 °C (140 ± 24 °F) or 82 ± 42 °C (180 ± 24 °F)	60 ± 5 min	1 h	Extraction water is decanted and discarded; the exposure vessel or product is refilled with exposure water and exposure is continued.
60 ± 42 °C (140 ± 24 °F) or 82 ± 42 °C (180 ± 24 °F)	60 ± 5 min	2 h	Extraction water is decanted and discarded; the exposure vessel or product is refilled with exposure water and exposure is continued.
60 ± 42 °C (140 ± 24 °F) or 82 ± 42 °C (180 ± 24 °F)	60 ± 5 min	3 h	Extraction water is collected for analysis.

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## BSR/UL 13 Standard for Power-Limited Circuit Cables

### 7 Insulation

#### 7.1 Material and application

7.1.1 Each conductor shall be insulated for its entire length with one or more of the insulation materials indicated in Table 7.1 or referenced in note a to Table 7.1. The insulation shall be solid or, in the cases indicated in the second column of Table 7.1, may be expanded (foamed). In any case, a solid dielectric skin (a thin, solid, extruded layer that may or may not be separable) of the same or other material from Table 7.1 may be applied over the solid insulation or over the foam. The material insulation in an air-gap coaxial member shall consist of a solid tube over a solid spacer (~~thread~~) ~~that has a nominally circular cross section and is applied to the conductor helically in a continuous length (length of lay is not specified).~~ Otherwise, the insulation shall be applied directly to the conductor, shall have a circular cross section, and shall fit tightly to the conductor but shall not adhere excessively (no test). The air gap coax construction consists of two concentric tubes with integral spacers to maintain an air gap between inner and outer tubes. The insulation shall be uniform and shall not have any defects (bubbles, open spots, rips, tears, cuts, or foreign material) that are visible with normal or corrected vision without magnification.

#### 7.3 Thicknesses

7.3.1 The dimensions of the spacer (~~thread, webs, for example~~) portion of the ~~material insulation in an~~ air-gap coaxial member are not specified. The average thickness and the minimum thickness at any point of the tube portion of an air-gap coaxial member or added the thickness of inner and outer layer insulation shall not be less than indicated in Table 7.3. The thicknesses of the integral insulation (solid) and jacket on a flat, parallel cable shall not be less than indicated in Table 7.2. The average thickness and the minimum thickness at any point of solid insulation (including any skin) on single-conductor cable for Class 2 circuits and on any conductor in an unjacketed ribbon cable (before and after separation) and in a twisted pair or other twisted multiple-conductor cable that is without an overall jacket and is for Class 2 circuits shall not be less than indicated in Table 7.4. The average thickness and the minimum thickness at any point of solid insulation (including any skin) in a coaxial member, on a thermocouple-extension wire, and on every other conductor, including each conductor in jacketed ribbon cable before and after separation and in nonintegral flat cable, shall not be less than indicated in Table 7.3. The average thickness and the minimum thickness at any point of solid insulation (including any skin) on conductors in single-conductor and twisted-pair or other twisted multi-conductor Type CL3 cable without an overall jacket shall be not less than indicated in Table 7.5. The thicknesses of foamed insulation (including any skin) shall be evaluated based on the performance of the finished cable when tested in accordance with this Standard. In any case, the thicknesses of solid and foamed insulations (including any skin) are to be determined by means of measurements made as described in Section 250 of UL 1581, with the following modifications for stranded conductors that leave one or more strand impressions in the insulation that are too small to accommodate the smaller pin referred to in 250.11 of UL 1581, which is to be 0.0200 in (20.0 mils) or 0.508 mm in diameter:

- a) The 0.003-in (3-mil) or 0.08-mm thickness-reduction allowance mentioned in 250.5 of UL 1581 is to be applied only to insulation that is from a stranded conductor as mentioned above and has an average thickness (including any skin) of at least 0.015 in or 0.38 mm.
- b) Only an optical method as applicable from 7.3.2 is to be used for thickness measurements of insulation that is from a stranded conductor as mentioned above and has an average thickness (including any skin) less than 0.015 in or 0.38 mm.

**BSR/UL 125****Proposal**

18.5 A back pressure check valve provided with a metal-to-metal seat, when in the closed position, shall not leak at a rate exceeding ~~4 cubic foot per minute (0.47 dm<sup>3</sup>/s) for valves less than a 1.6 inch seat diameter or 1.5 cubic foot per minute (0.71 dm<sup>3</sup>/s) for valves greater than or equal to a 1.6 inch~~ 0.6 cfm/inch seat circumference when subjected to an aerostatic pressure of 20 psi (138 kPa).

**BSR/UL 268A**

38.1.1 Two detectors, one at maximum and one at minimum sensitivity, or one projected beam assembly, tested while preset first to maximum and then tested at minimum sensitivity, are to be maintained, in turn, for a minimum of 3 hours, in an ambient temperature ~~of 0 and 49°C (32 and 120°F)~~ as determined by the following formulas and a relative humidity of 30 to 50 percent at each temperature. Each detector shall be tested individually and shall operate as intended in each ambient.

Low temperature = Proposed low end operating temperature

High temperature =  $(T_{HI} - 38^{\circ}\text{C}) + 49^{\circ}\text{C}$  or  $(T_{HI} - 100^{\circ}\text{F}) + 120^{\circ}\text{F}$

$T_{LO}$  &  $T_{HI}$  are low and high end operating range respectively.

49.2.1 There shall not be exposure of line-voltage uninsulated current-carrying parts or warping to the extent that intended operation is impaired when three representative samples of a polymeric plastic material are mounted on supports as intended in service and aged ~~for 7 days~~ in a circulating-air oven ~~maintained at 90°C (194°F) or 28 days at 70°C (158°F)~~ at a temperature and duration as determined per the Arrhenius equation (see below). Following this aging period, the samples are to be removed, cooled to room temperature, and then examined for distortion.

$$t_{\text{test-time}} = t_{\text{real-time}} / Q_{10}^{(T_{\text{oven}} - T_{\text{operating}}) / 10}$$

Where  $Q_{10} = 2$  &  $t_{\text{real-time}} = 257$  days

For example  $t_{\text{test-time}}$  for a 38°C listed product tested at 90°C

$$t_{\text{test-time}} = 257 / 2^{(90-38)/10}$$

$t_{\text{test-time}} = 7$  days

49.3.3 Prior to the flame test, the test samples are to be conditioned in a circulating-air oven ~~for 7 days at 90°C (194°F) or 28 days at 70°C (158°F)~~ as determined per the Arrhenius equation (see below).

$$t_{\text{test-time}} = t_{\text{real-time}} / Q_{10}^{(T_{\text{oven}} - T_{\text{operating}}) / 10}$$

Where  $Q_{10} = 2$  &  $t_{\text{real-time}} = 257$  days

For example  $t_{\text{test-time}}$  for a  $38^{\circ}\text{C}$  listed product tested at  $90^{\circ}\text{C}$

$$t_{\text{test-time}} = 257 / 2^{(90-38) / 10}$$

$t_{\text{test-time}} = 7$  days

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## Standard for Access Control System Units, BSR/UL 294

### PROPOSAL

3.1.2 ACCESS CONTROL SYSTEM, CLASS I - A system of access control intended for, but not limited to use in a controlled area that is not required to meet the destructive Attack Test.

3.1.3 ACCESS CONTROL SYSTEM, CLASS II - A system of access control intended for, but not limited to use in a protected area that can withstand the destructive Attack Test for 2 minutes.

3.1.4 ACCESS CONTROL SYSTEM, CLASS III - A system of access control intended for, but not limited to use in a restricted area that can withstand the destructive Attack Test for 5 minutes, or 2 minutes if an alarm is activated during the test.

3.9.1 PROTECTED AREA - A room, office, building, facility, premise or grounds to which access controlled premises or an area within a controlled premises that is monitored, and limited and/or controlled, whereby the authorized person of the Access Control System may grant access to non-authorized persons provided with means to prevent an unwanted event.

3.10.1 RESTRICTED AREA - A room, office, building, facility, premises, or grounds to which access is monitored, limited and strictly and tightly controlled, whereby only the administrator of the Access Control System will issue credentials that will lead to access.

55.1.2 The enclosure protecting the internal parts of a product shall resist attempts to gain access to the parts if:

- a) Manipulation of the parts can cause release of the remote locking mechanism and
- b) The product is intended to be used in a protected or restricted area.

## **BSR/UL 1053**

### PROPOSAL

14A.2 Unless specified elsewhere in this Standard, ~~the level of pollution expected or controlled for indoor use equipment is pollution degree 2. For outdoor use equipment, pollution degree 3 is expected. Hermetically sealed or encapsulated enclosures are pollution degree 1.~~ equipment shall be evaluated for pollution degree 3.