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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: March 6, 2011

### AMCA (Air Movement and Control Association)

#### Revisions

BSR/AMCA 500-L-201x, Laboratory Methods of Testing Louvers for Rating (revision of ANSI/AMCA 500-L-2007)

Establishes uniform laboratory test methods for louvers. Characteristics to be determined include air leakage, pressure drop, water penetration, wind driven rain, and operational torque. This standard may be used as a basis for testing louvers with air used as the test gas. Tests conducted in accordance with the requirements of this standard are intended to demonstrate the performance of a louver and are not intended to determine acceptability level of performance.

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

Send comments (with copy to BSR) to: John Pakan, (847) 394-0150, jpakan@amca.org

### IESNA (Illuminating Engineering Society of North America)

#### Revisions

BSR/IES RP-22-201x, Practice for Tunnel Lighting (revision and redesignation of ANSI/IESNA RP-22-2005)

Provides new material on lamp data, which was added since the first public review.

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

Send comments (with copy to BSR) to: Rita Harrold, (212) 248-5000 x115, rharrold@ies.org

### UL (Underwriters Laboratories, Inc.)

#### Revisions

BSR/UL 231-201x, Standard for Safety for Power Outlets (Proposal dated 2/4/11) (revision of ANSI/UL 231-2010)

Requires the use of weather-resistant receptacles, new 8.2.11 (Recirculation).

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

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

BSR/UL 263-201x, Fire Tests of Building Construction and Materials (revision of ANSI/UL 263-2003 (R2007))

(1) Adds requirements for testing unrestrained loaded beam specimens.

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

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

BSR/UL 827-201x, Standard for Safety for Central-Station Alarm Services (revision of ANSI/UL 827-2008)

Revises 22.2.1 to clarify the maximum range of travel from a service center to a protected property.

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

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

BSR/UL 1769-201x, Standard for Safety for Cylinder Valves (revision of ANSI/UL 1769-2009b)

The following topics are being recirculated:

- (1) Revisions to the Moist Ammonia Air Stress Cracking Test; and
- (2) Addition of requirements for LP-Gas valves for industrial truck applications.

[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

## Comment Deadline: March 21, 2011

### ASA (ASC S2) (Acoustical Society of America)

#### Reaffirmations

BSR S2.24-2001 (R201x), Graphical Presentation of the Complex Modulus of Viscoelastic Materials (reaffirmation and redesignation of ANSI S2.24-2001 (R2006))

Specifies the procedure for generating a graphical presentation of the frequency and temperature dependence of the complex modulus of viscoelastic materials. This Standard is the national counterpart of ISO 10112, Damping materials - Graphical presentation of the complex modulus.

Single copy price: \$90.00

Obtain an electronic copy from: [asastds@aip.org](mailto:asastds@aip.org)

Order from: Susan Blaeser, (631) 390-0215, [sblaeser@aip.org](mailto:sblaeser@aip.org); [asastds@aip.org](mailto:asastds@aip.org)

Send comments (with copy to BSR) to: Same

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

#### New National Adoptions

BSR/ASABE AD11684-201x, Tractors, machinery for agricultural and forestry, powered lawn and garden equipment - Safety signs and hazard pictorials - General principles (national adoption with modifications of ISO 11684:1995)

Establishes general principles for the design and application of safety signs and hazard pictorials permanently affixed to tractors machinery for agriculture, and powered lawn and garden equipment. This standard outlines safety sign objectives, describes the basic sign formats and colors and provides guidance on developing the various panels that together constitute a safety sign.

Single copy price: \$52.00

Obtain an electronic copy from: [vangilder@asabe.org](mailto:vangilder@asabe.org)

Order from: Carla VanGilder, (269) 932-7015, [vangilder@asabe.org](mailto:vangilder@asabe.org)

Send comments (with copy to BSR) to: Same

### ASB (ASC Z50) (American Society of Baking)

#### Reaffirmations

BSR ASB Z50.1-2006 (R201x), Bakery Equipment - Safety Requirements (reaffirmation and redesignation of ANSI ASB Z50.1-2006)

Provides a reaffirmation with no significant changes to content and includes changing ASB office address and Z50 committee membership roster list.

Single copy price: \$25.00

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

Order from: [asbe.org](http://asbe.org)

Send comments (with copy to BSR) to: Charles Steward, (570) 494-0624, [toby.steward@tnasolutions.com](mailto:toby.steward@tnasolutions.com)

## ASC X9 (Accredited Standards Committee X9, Incorporated)

### Revisions

BSR X9.100-130-201x, Universal Interbank Batch/Bundle Ticket (revision of ANSI X9.100-130-2006)

Specifies the required elements of the Universal Interbank Batch/Bundle Ticket. It is expected that bankers refer to this standard when designing this form. This standard is sufficiently flexible to meet differing document and institution needs without unnecessary constraints.

Single copy price: \$60.00

Order from: Isabel Bailey, (410) 267-7707, isabel.baileyx9@verizon.net  
Send comments (with copy to BSR) to: Same

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

### Addenda

BSR/ASHRAE Addendum ad to ANSI/ASHRAE Standard 135-2008, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2008)

Fixes miscellaneous problems in the standard. Among other revisions, this addendum allows Feedback\_Value to be used to calculate Elapsed\_Active\_Time, adds the READ\_ACCESS\_DENIED condition to ReadProperty and ReadPropertyMultiple, removes Unqualified Frame Reference in USE\_TOKEN, aligns the Loop Object's Out\_Of\_Service Behavior with Other Objects, and increases the segmentation window size for MS/TP.

Single copy price: \$35.00

Obtain an electronic copy from: Free download at <http://www.ashrae.org/technology/page/331>

Order from: standards.section@ashrae.org

Send comments (with copy to BSR) to: Online Comment Database at <http://www.ashrae.org/technology/page/331>

BSR/ASHRAE Addendum af to ANSI/ASHRAE Standard 135-2008, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2008)

Undertakes a major overhaul of parts of the BACnet standard relating to events and alarms. This addendum aims to address the many change proposals and interpretation requests that have been brought before the committee over the years. It makes changes to improve future maintenance of the standard, removes Annexes C and D, clarifies language of presence requirements of properties, revises the language of event reporting, and makes many other needed revisions.

Single copy price: \$35.00

Obtain an electronic copy from: Free download at <http://www.ashrae.org/technology/page/331>

Order from: standards.section@ashrae.org

Send comments (with copy to BSR) to: Online Comment Database at <http://www.ashrae.org/technology/page/331>

BSR/ASHRAE Addendum aj to ANSI/ASHRAE Standard 135-2008, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2008)

Describes modifications for adding IPv6 to BACnet while preserving backward compatibility with existing devices. This standard includes provisions for a network address translation, new BVLL messages, and a method for handling NL headers that exceed 21 octets in length.

Single copy price: \$35.00

Obtain an electronic copy from: Free download at <http://www.ashrae.org/technology/page/331>

Order from: standards.section@ashrae.org

Send comments (with copy to BSR) to: Online Comment Database at <http://www.ashrae.org/technology/page/331>

## AWS (American Welding Society)

### Revisions

BSR/AWS A5.8M/A5.8-201x, Specification for Filler Metals for Brazing and Braze Welding (revision of ANSI/AWS A5.8/A5.8M-2004)

Prescribes the requirements for the classification of brazing filler metals for brazing and braze welding. The brazing filler metal groups described include aluminum, cobalt, copper, gold, magnesium, nickel, silver, titanium, and brazing filler metals for vacuum service. Information is provided concerning the liquidus, the solidus, the brazing temperature range, and general areas of application recommended for each brazing filler metal. A guide is appended to the specification as a source of information concerning the classification system employed and the intended use of the brazing filler metals for brazing and braze welding.

Single copy price: \$36.00

Obtain an electronic copy from: roneill@aws.org

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

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

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

### New National Adoptions

INCITS/ISO 19142-201x, Geographic information - Web Feature Service (identical national adoption of ISO 19142:2010)

Specifies the behavior of a web feature service that provides transactions on and access to geographic features in a manner independent of the underlying data store. This standard specifies discovery operations, query operations, locking operations, transaction operations, and operations to manage stored parameterized query expressions.

Single copy price: \$276.00

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

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

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

INCITS/ISO/IEC 29109-10-201x, Information technology - Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794 - Part 10: Hand geometry silhouette data (identical national adoption of ISO/IEC 29109-10:2010)

Specifies elements of conformance testing methodology, test assertions, and test procedures as applicable to ISO/IEC 19794-10. ISO/IEC 29109-10:2010 establishes:

- test assertions of the structure of the hand geometry silhouette data format as specified in ISO/IEC 19794-10:2007 (Type A Level 1 as defined in ISO/IEC 29109-1:2009); and
- test assertions of internal consistency by checking the types of values that may be contained within each field (Type A Level 2 as defined in ISO/IEC 29109-1:2009).

Single copy price: \$69.00

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

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

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

**NECA (National Electrical Contractors Association)****New Standards**

BSR/NECA 412-201x, Standard for Installing and Maintaining Photovoltaic Power Systems (new standard)

Describes the application procedures for installing photovoltaic power systems and components.

Single copy price: \$40.00

Obtain an electronic copy from: [am2@necanet.org](mailto:am2@necanet.org)

Order from: Michael Johnston, (301) 215-4521, [michael.johnston@necanet.org](mailto:michael.johnston@necanet.org)

Send comments (with copy to BSR) to: Same

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

BSR/NSF 61-201x (i89), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2010)

Issue 89: The purpose of this ballot is twofold:

- (1) To evaluate the total chromium levels to the pass/fail criterion for chromium-VI as a "screening level," above which the contaminant must be evaluated as both species and compared to their individual pass/fail criteria; and
- (2) To eliminate the use of the total chromium level as the pass/fail criterion and replace it with a screening level of 20 ppb (TAC) and 2 ppb (SPAC).

Single copy price: Free

Obtain an electronic copy from:

[http://standards.nsf.org/apps/group\\_public/download.php/10831/61i89r2.pdf](http://standards.nsf.org/apps/group_public/download.php/10831/61i89r2.pdf)

Order from: Adrienne O'Day, (734) 827-5676, [oday@nsf.org](mailto:oday@nsf.org)

Send comments (with copy to BSR) to: Same

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

BSR/UL 295-201x, Standard for Safety for Commercial-Industrial Gas Burners (revision of ANSI/UL 295-2009)

UL proposes the following changes to UL 295:

- Addition and revision of requirements to relocate component Standard references from Appendix A into the body of the Standard as component requirements;
- Deletion of Section 15 and addition of Section 15A to separate motor requirements and motor overload protection requirements; and
- Manual Valve Exception for Commercial - Industrial Gas Burners.

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: Nicolette Allen, (919) 549-0973, [Nicolette.Allen@us.ul.com](mailto:Nicolette.Allen@us.ul.com)

BSR/UL 296-201x, Standard for Safety for Oil Burners (revision of ANSI/UL 296-2009)

UL proposes the following change to UL 296:

- Addition and revision of requirements to relocate component Standard references from Appendix A into the body of the Standard as component requirements.

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: Nicolette Allen, (919) 549-0973, [Nicolette.Allen@us.ul.com](mailto:Nicolette.Allen@us.ul.com)

BSR/UL 1123-201x, The Standard for Safety for Marine Buoyant Devices (revision of ANSI/UL 1123-2009d)

This 2/4/11 UL 1123 proposal includes an option to use electronic and telephonic contact.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Betty McKay, (919) 549-1896, [betty.c.mckay@us.ul.com](mailto:betty.c.mckay@us.ul.com)

BSR/UL 1177-201x, Standard for Safety for Buoyant Cushions (revision of ANSI/UL 1177-2010)

This 2/4/11 UL 1177 proposal includes the deletion of the Dynamic Strength Test.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Betty McKay, (919) 549-1896, [betty.c.mckay@us.ul.com](mailto:betty.c.mckay@us.ul.com)

BSR/UL 1517-201x, Standard for Safety for Hybrid Personal Flotation Devices (revision of ANSI/UL 1517-2008)

This 2/4/11 UL 1517 proposal includes the following changes:

- Deletion of the Dynamic Strength Test;
- Deletion of the Abrasion/Compression Test; and
- Buoyancy Scale Accuracy.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Betty McKay, (919) 549-1896, [betty.c.mckay@us.ul.com](mailto:betty.c.mckay@us.ul.com)

BSR/UL 1647-201x, Standard for Safety for Motor-Operated Massage and Exercise Machines (revision of ANSI/UL 1647-2010)

Covers:

- Addition and revision of requirements to relocate component standard references from Appendix A into the body of the Standard as component requirements.

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: Beth Northcott, (847) 664-3198, [Elizabeth.Northcott@us.ul.com](mailto:Elizabeth.Northcott@us.ul.com)

**Reaffirmations**

BSR/UL 122-2007 (R201x), Standard for Safety for Photographic Equipment (reaffirmation of ANSI/UL 122-2007)

Reaffirms the fifth edition of the Standard for Photographic Equipment, UL 122, as an American National Standard.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Barbara Davis, (408) 754-6722, [Barbara.J.Davis@us.ul.com](mailto:Barbara.J.Davis@us.ul.com)

## Comment Deadline: April 5, 2011

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

### UL (Underwriters Laboratories, Inc.)

#### Revisions

BSR/UL 1995-201x, Standard for Safety for Heating and Cooling Equipment (revision of ANSI/UL 1995-2009)

These requirements apply to the following stationary equipment for use in nonhazardous locations rated 7200 V or less, single- or 3-phase:

- Heat pumps, for heating and cooling;
- Air conditioners for cooling;
- Cooling portion and associated components of combination heating and cooling equipment;
- Liquid chillers;
- Condensing units;
- Add-on heat pumps for comfort heating or heating and cooling;
- Heat pump water heaters and refrigerant desuperheaters;
- Fan units and fan coil units for comfort heating and/or comfort cooling;
- Room fan heater units; and
- Central heating furnaces.

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: Alan McGrath, (847) 664-2850, [Alan.T.McGrath@us.ul.com](mailto:Alan.T.McGrath@us.ul.com)

## Technical Reports Registered with ANSI

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

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

## Comment Deadline: March 6, 2011

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

BSR/AAMI/ISO TIR 22442-4-2011, Medical devices utilizing animal tissues and their derivatives - Part 4: Principles for elimination and/or inactivation of transmissible spongiform encephalopathy (TSE) agents and validation assays for those processes (TECHNICAL REPORT) (technical report)

Addresses methods of elimination and inactivation of transmissible spongiform encephalopathies (TSE agents) from animal tissues to be used in medical devices. The methods addressed will include those designed for: (1) inactivating infectivity (preferred method to reduce opportunities for cross-contamination); and (2) physically removing TSE agents (without complete inactivation).

Single copy price: \$40.00 (AAMI members); \$80.00 (non-members)

Order from: Susan Gillespie, (703) 253-8284, [SGillespie@aami.org](mailto:SGillespie@aami.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

4301 N Fairfax Drive  
Suite 301  
Arlington, VA 22203-1633  
Phone: (703) 253-8284

Fax: (703) 276-0793  
Web: [www.aami.org](http://www.aami.org)

### ASA (ASC S12)

Acoustical Society of America

35 Pinelawn Road  
Suite 114E

Melville, NY 11747  
Phone: (631) 390-0215  
Fax: (631) 390-0217  
Web: [asa.aip.org](http://asa.aip.org)

### ASABE

American Society of Agricultural  
and Biological Engineers

2950 Niles Road  
St Joseph, MI 49085  
Phone: (269) 932-7015  
Fax: (269) 429-3852  
Web: [www.asabe.org](http://www.asabe.org)

### ASB (ASC Z50)

American Society of Baking

243 Reade Drive  
Cogan Station, PA 17728  
Phone: (570) 494-0624  
Fax: (570) 494-0603  
Web: [www.asbe.org](http://www.asbe.org)

### ASC X9

Accredited Standards Committee  
X9, Incorporated

1212 West Street, Suite 200  
Annapolis, MD 21401  
Phone: (410) 267-7707  
Fax: (410) 267-0961  
Web: [www.x9.org](http://www.x9.org)

### ASHRAE

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

1791 Tullie Circle NE  
Atlanta, GA 30329  
Phone: (678) 539-1111  
Fax: (678) 539-2111  
Web: [www.ashrae.org](http://www.ashrae.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

### Global Engineering Documents

Global Engineering Documents

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

### NECA

National Electrical Contractors  
Association

3 Bethesda Metro Center  
Suite 1100  
Bethesda, MD 20814  
Phone: (301) 215-4521  
Fax: (301) 215-4500  
Web: [www.necanet.org](http://www.necanet.org)

### NSF

NSF International

789 N. Dixboro Road  
Ann Arbor, MI 48105  
Phone: (734) 827-5676  
Fax: (734) 827-7880  
Web: [www.nsf.org](http://www.nsf.org)

## Send comments to:

### **AAMI**

Association for the Advancement  
of Medical Instrumentation

4301 N Fairfax Drive  
Suite 301  
Arlington, VA 22203-1633  
Phone: (703) 253-8284  
Fax: (703) 276-0793  
Web: [www.aami.org](http://www.aami.org)

### **AMCA**

AMCA International, Inc.  
30 West University Drive  
Arlington Heights, IL 60004-1893  
Phone: (847) 394-0150  
Fax: (847) 253-0088  
Web: [www.amca.org](http://www.amca.org)

### **ASA (ASC S12)**

Acoustical Society of America  
35 Pinelawn Road  
Suite 114E  
Melville, NY 11747  
Phone: (631) 390-0215  
Fax: (631) 390-0217  
Web: [asa.aip.org](http://asa.aip.org)

### **ASABE**

American Society of Agricultural  
and Biological Engineers  
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St Joseph, MI 49085  
Phone: (269) 932-7015  
Fax: (269) 429-3852  
Web: [www.asabe.org](http://www.asabe.org)

### **ASB (ASC Z50)**

American Society of Baking  
243 Reade Drive  
Cogan Station, PA 17728  
Phone: (570) 494-0624  
Fax: (570) 494-0603  
Web: [www.asbe.org](http://www.asbe.org)

### **ASC X9**

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Annapolis, MD 21401  
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Atlanta, GA 30329  
Phone: (678) 539-1111  
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Web: [www.ashrae.org](http://www.ashrae.org)

### **AWS**

American Welding Society  
550 N.W. LeJeune Road  
Miami, FL 33126  
Phone: (305) 443-9353, Ext. 466  
Fax: (305) 443-5951  
Web: [www.aws.org](http://www.aws.org)

### **IESNA**

Illuminating Engineering Society of  
North America  
120 Wall Street, 17th Floor  
New York, NY 10005-4001  
Phone: (212) 248-5000 x115  
Fax: (212) 248-5017  
Web: [www.iesna.org](http://www.iesna.org)

### **ITI (INCITS)**

InterNational Committee for  
Information Technology  
Standards  
1101 K Street NW, Suite 610  
Washington, DC 20005  
Phone: (202) 626-5743  
Fax: (202) 638-4922  
Web: [www.incits.org](http://www.incits.org)

### **NECA**

National Electrical Contractors  
Association  
3 Bethesda Metro Center  
Suite 1100  
Bethesda, MD 20814  
Phone: (301) 215-4521  
Fax: (301) 215-4500  
Web: [www.necanet.org](http://www.necanet.org)

### **NSF**

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

### **UL**

Underwriters Laboratories, Inc.  
455 E. Trimble Road  
San Jose, CA 95131-1230  
Phone: (408) 754-6684  
Fax: (408) 689-6684  
Web: [www.ul.com/](http://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.

## CEA (Consumer Electronics Association)

**Office:** 1919 South Eads Street  
Arlington, VA 22202

**Contact:** *Alayne Bell*

**Phone:** (703) 907-5267

**Fax:** (703) 907-4194

**E-mail:** ABell@CE.org; Carce@CE.org

BSR/CEA 805-E-201x, Data Services on the Component Video Interfaces (revision of ANSI/CEA 805-D-2008)

## HPVA (Hardwood Plywood & Veneer Association)

**Office:** P.O. Box 2789  
1825 Michael Faraday Drive  
Reston, VA 20190

**Contact:** *Brian Sause*

**Phone:** (703) 435-2900 ext.127

**Fax:** (703) 435-2537

**E-mail:** bsause@hpva.org

BSR/HPVA EF-201x, Engineered Wood Flooring (revision of ANSI/HPVA EF-2009)

## IESNA (Illuminating Engineering Society of North America)

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

**Contact:** *Rita Harrold*

**Phone:** (212) 248-5000 x115

**Fax:** (212) 248-5017

**E-mail:** rharrold@ies.org

BSR/IES RP-22-201x, Practice for Tunnel Lighting (revision and redesignation of ANSI/IESNA RP-22-2005)

## 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

BSR/ISA 60079-25 (12.02.04)-201x, Explosive Atmospheres - Part 25: Intrinsically safe electrical systems (national adoption with modifications of IEC 60079-25)

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

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

**Contact:** *Barbara Bennett*

**Phone:** (202) 626-5743

**Fax:** (202) 638-4922

**E-mail:** bbennett@itic.org

BSR INCITS/ISO/IEC 14776-115-201x, Information technology - Small Computer System Interface (SCSI) - Part 115: Parallel Interface-5 (SPI-5) (identical national adoption and revision of ANSI INCITS 367-2003 (R2008))

BSR INCITS/ISO/IEC 14776-342-201x, Information technology - Small Computer System Interface - Part 342: Controller Commands - 2 (SCC-2) (identical national adoption of ISO/IEC 14776-342:2000)

BSR INCITS/ISO/IEC 14776-453-201x, Information technology - Small computer system interface (SCSI) - Part 453: Primary commands-3 (SPC-3) (identical national adoption of ISO/IEC 14776-453:2009)

BSR INCITS/ISO/IEC 19795-7-201x, Information technology - Biometric performance testing and reporting - Part 7: Testing of on-card biometric comparison algorithms (identical national adoption of ISO/IEC 19795-7:2011)

BSR INCITS/ISO/IEC 24709-3-201x, Information technology - Conformance testing for the biometric application programming interface (BioAPI) - Part 3: Test assertions for BioAPI frameworks (identical national adoption of ISO/IEC 24709-3:2011)

INCITS/ISO 19142-201x, Geographic information - Web Feature Service (identical national adoption of ISO 19142:2010)

INCITS/ISO/IEC 29109-10-201x, Information technology - Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794 - Part 10: Hand geometry silhouette data (identical national adoption of ISO/IEC 29109-10:2010)



# 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.

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

### Reaffirmations

ANSI/ASABE/ISO 3767-1-1998 (R2011), Tractors, machinery for agriculture and forestry, powered lawn and garden equipment - Symbols for operator controls and other displays - Part 1: Common symbols (reaffirmation of ANSI/ASABE/ISO 3767-1-1998): 1/28/2011

ANSI/ASABE/ISO 3767-2-1991, W/Amd. 1-3-2006 (R2011), Tractors, machinery for agriculture and forestry, powered lawn and garden equipment - Symbols for operator controls and other displays - Part 2: Symbols for agricultural tractors and machinery (reaffirmation of ANSI/ASABE/ISO 3767-2-1991, W/Amd. 1-3-2006): 1/28/2011

ANSI/ASAE S483.1-NOV05 (R2011), Rotary Mower Blade Ductility Test (reaffirmation of ANSI/ASAE S483.1-NOV05): 1/28/2011

### Revisions

ANSI/ASABE S593.1-2011, Terminology and Definitions for Biomass Production, Harvesting and Collection, Storage, Processing, Conversion and Utilization (revision of ANSI/ASABE S593-2006): 2/3/2011

## ASME (American Society of Mechanical Engineers)

ANSI/ASME MFC-5.1-2011, Measurement of Liquid Flow in Closed Conduits Using Transit Time Ultrasonic Flowmeters (revise and partition ANSI/ASME MFC-5M-1985 (R2006)): 1/28/2011

### Revisions

ANSI/ASME Y14.43-2011, Dimensioning and Tolerancing Principles for Gages and Fixtures (revision of ANSI/ASME Y14.43-2003 (R2008)): 1/28/2011

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

### Revisions

ANSI ASSE A10.28-2011, Work Platforms Suspended from Cranes or Derricks (revision of ANSI ASSE A10.28-1998 (R2004)): 1/28/2011

## ATIS (Alliance for Telecommunications Industry Solutions)

### Withdrawals

ANSI ATIS 0327100-2004, Framework for CORBA-Based Telecommunications Management Network Interfaces (withdrawal of ANSI ATIS 0327100-2004): 1/28/2011

## AWS (American Welding Society)

### Revisions

ANSI/AWS D1.4/D1.4M:2011, Structural Welding Code - Reinforcing Steel (revision of ANSI/AWS D1.4/D1.4M-2005): 1/31/2011

## FM (FM Approvals)

### New Standards

ANSI/FM 4473-2011, Impact Resistance Testing of Rigid Roofing Materials by Impacting with Freezer Ice Balls (new standard): 1/31/2011

## HL7 (Health Level Seven)

### Revisions

ANSI/HL7 V2.7-2011, Health Level Seven Standard Version 2.7 - An Application Protocol for Electronic Data Exchange in Healthcare Environments (revision of ANSI/HL7 V2.6-2007): 1/28/2011

## ISA (ISA)

### Revisions

ANSI/ISA 12.12.01-2010, 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): 1/28/2011

## NCPDP (National Council for Prescription Drug Programs)

### New Standards

ANSI/NCPDP Specialized Standard 2010121-2011, NCPDP Specialized Standard 2010121xxxx (new standard): 1/28/2011

### Revisions

ANSI/NCPDP FB v3.0-2011, Formulary and Benefit Standard v3.0 (revision and redesignation of ANSI/NCPDP FB V2.1-2008a): 1/28/2011

ANSI/NCPDP MR v05.00-2011, Manufacturer Rebate Utilization, Plan, Formulary, Market Basket, and Reconciliation Flat File Standard v05.00 (revision and redesignation of ANSI/NCPDP MR V04.01-2007): 1/28/2011

ANSI/NCPDP SC 2010121-2011, NCPDP SCRIPT Standard WG11004420xxxx (revision and redesignation of ANSI/NCPDP SC V10.11-2010): 1/28/2011

ANSI/NCPDP TC vD.6-2011, NCPDP Telecommunication Standard vD.6 (revision and redesignation of ANSI/NCPDP TC vD.5-2010): 1/28/2011

## NEMA (ASC C78) (National Electrical Manufacturers Association)

### Reaffirmations

ANSI C78.180-2003 (R2011), Specifications for Fluorescent Lamp Starters (reaffirmation of ANSI C78.180-2003 (R2007)): 1/28/2011

ANSI C78.375-21997 (R2011), Guide for Electrical Measurements (reaffirmation of ANSI C78.375-1997 (R2007)): 1/28/2011

ANSI C78.376-2001 (R2011), Specifications for the Chromaticity of Fluorescent Lamps (reaffirmation of ANSI C78.376-2001 (R2006)): 1/28/2011

ANSI C78.1195-2001 (R2011), Double-Capped Fluorescent Lamps - Safety Specifications (reaffirmation and redesignation of ANSI/IEC C78.1195-2001 (R2006)): 1/31/2011

ANSI C78.1199-2001 (R2011), Single-Capped Fluorescent Lamps - Safety Specifications (reaffirmation of ANSI/IEC C78.1199-2001 (R2006)): 1/31/2011

## **TIA (Telecommunications Industry Association)**

### ***Reaffirmations***

ANSI/TIA 102.AAAB-A-2005 (R2011), Project 25 Digital Land Mobile  
Radio - Security Services Overview (reaffirmation of ANSI/TIA  
102.AAAB-A-2005): 2/3/2011

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

### ***Revisions***

ANSI/UL 13-2011, Standard for Safety for Power-Limited Circuit  
Cables (revision of ANSI/UL 13-2010): 1/31/2011

ANSI/UL 13-2011a, Standard for Safety for Power-Limited Circuit  
Cables (revision of ANSI/UL 13-2010): 1/31/2011

ANSI/UL 125-2011, Standard for Safety for Flow Control Valves for  
Anhydrous Ammonia and LP - Gas (revision of ANSI/UL 125-2010):  
1/28/2011

ANSI/UL 125-2011A, Standard for Safety for Flow Control Valves for  
Anhydrous Ammonia and LP - Gas (revision of ANSI/UL 125-2010):  
1/28/2011

ANSI/UL 746B-2011, Standard for Safety for Polymeric Materials -  
Long Term Property Evaluations (revision of ANSI/UL 746B-2010):  
1/26/2011

# Project Initiation Notification System (PINS)

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

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

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

## API (American Petroleum Institute)

**Office:** 1220 L Street, NW  
Washington, DC 20005-4070

**Contact:** *Tiffany Mensing*

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

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

BSR/API 617-201x, Axial and Centrifugal Compressors and Expander-Compressors for Petroleum, Chemical and Gas Industry Services (identical national adoption and revision of ANSI/API 617-2002)

Stakeholders: Industry users, manufacturers, consultants, contractors, general interest.

Project Need: To revise the current edition of API 617.

Covers the minimum requirements for centrifugal compressors used in petroleum, chemical, and gas industry services that handle air or gas, including process gear mounted. Does not apply to fans or blowers that develop less than 34 kPa (5 psi) pressure rise above atmospheric pressure. This standard also does not apply to packaged, integrally-gear centrifugal air compressors.

BSR/API 660-201x, Shell-and-Tube Heat Exchangers (identical national adoption and revision of ANSI/API Standard 660/ISO 16812-2007)

Stakeholders: Industry users, manufacturers, consultants, contractors, general interest.

Project Need: To revise the current edition of API 660.

Specifies requirements and gives recommendations for the mechanical design, material selection, fabrication, inspection, testing and preparation for shipment of shell-and-tube heat exchangers for the petroleum, petrochemical and natural gas industries. This standard is applicable to the following types of shell-and-tube heat exchangers: heaters, condensers, coolers, and reboilers.

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

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

**Contact:** *Carla VanGilder*

**Fax:** (269) 429-3852

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

BSR/ASAE S483.2 MONYEAR-201x, Rotary Mower Blade Ductility Test (revision of ANSI/ASAE S483.1-NOV05 (R2011))

Stakeholders: Mower manufacturers, farmers, highway departments, roadside mowing contractors.

Project Need: A periodic review of standard identified the need to update the references.

Identifies production blade lots, from which samples were subjected to destructive testing.

## ASME (American Society of Mechanical Engineers)

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

**Contact:** *Mayra Santiago*

**Fax:** (212) 591-8501

**E-mail:** [ansibox@asme.org](mailto:ansibox@asme.org)

BSR/ASME B1.1-201x, Unified Inch Screw Threads (UN and UNR Thread Form) (revision of ANSI/ASME B1.1-2003 (R2008))

Stakeholders: Manufacturers and purchasers of screw threads.

Project Need: To revise the Standard to conform to up-to-date practices and to correct editorial errors.

Specifies the thread form, series, class, allowance, tolerance, and designation for unified screw threads. (In order to emphasize that unified screw threads are based on inch modules, they may be denoted "unified inch screw threads".)

BSR/ASME B1.20.1-201x, Pipe Threads, General Purpose (Inch) (revision of ANSI/ASME B1.20.1-1983 (R2006))

Stakeholders: Manufacturers and purchasers of pipe threads.

Project Need: To revise the Standard to conform to current business practices.

Covers dimensions and gaging of pipe threads for general-purpose applications.

BSR/ASME B16.51-201x, Copper and Copper Alloy Press-Connect Pressure Fittings (new standard)

Stakeholders: Manufacturers and consumers.

Project Need: To provide an accepted standard for the pressure-temperature ratings, size, marking, materials, dimensions and tolerances for copper and copper alloy press-connect pressure fittings to be used in everyday commerce.

Establishes requirements for cast copper alloy, wrought copper, and wrought copper alloy, press-connect pressure fittings for use with hard-drawn seamless, copper water tube conforming to ASTM B 88 for piping systems conveying water.

BSR/ASME B73.1-201x, Specification for Horizontal End Suction Centrifugal Pumps for Chemical Process (revision, redesignation and consolidation of ANSI/ASME B73.1-2001 (R2007) and ANSI/ASME B73.5M-1995 (R2007))

Stakeholders: Manufacturers/producers, designers, distributors, users of chemical pumps.

Project Need: To revise and consolidate the B73.1 and B73.5M Standards.

Covers metallic and solid polymer centrifugal pumps of horizontal, end-suction single-stage, centerline discharge design. This Standard includes dimensional interchangeability requirements and certain design features to facilitate installation and maintenance and enhance reliability and safety. It is the intent of this Standard that pumps of the same standard dimension designation from all sources of supply shall be interchangeable with respect to mounting dimensions, size and location of suction and discharge nozzles, input shafts, baseplates, and foundation bolt holes. This Standard has been revised to include solid polymer pumps formerly covered under ASME B73.5 and must be read in its entirety for proper application.

#### CEA (Consumer Electronics Association)

**Office:** 1919 South Eads Street  
Arlington, VA 22202

**Contact:** *Alayne Bell*

**Fax:** (703) 907-4194

**E-mail:** ABell@CE.org; Carce@CE.org

BSR/CEA 805-E-201x, Data Services on the Component Video Interfaces (revision of ANSI/CEA 805-D-2008)

Stakeholders: Consumer electronics industry.

Project Need: To revise CEA-805-D.

This standard, CEA-805-D, specifies how data services are carried on analog Component Video Interfaces (CVI), as described in CEA-770.2-C and CEA-770.3-C. CEA-805-D applies to all CE devices carrying data on the CVI vertical blanking interval (VBI). All CEA-805-D references to component video and/or component video interfaces are analog only, and no reference to digital is implied.

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

**Office:** 7900 Turin Rd., Bldg. 3  
Rome, NY 13440

**Contact:** *Christina Earl*

**Fax:** (315) 339-6793

**E-mail:** cearl@esda.org

BSR/ESD S1.1-201x, ESD Association Standard for the Protection of Electrostatic Discharge Susceptible Items - Wrist Straps (revision of ANSI/ESD S1.1-1998 (R2006))

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

Project Need: To provide electrical and mechanical test methods and performance limits for product qualification, acceptance testing, and periodic verification of wrist straps.

Tests wrist straps and wrist strap systems used for the grounding of personnel engaged in working with ESD-sensitive assemblies and devices. This standard does not address monitoring systems or garments.

#### HPVA (Hardwood Plywood & Veneer Association)

**Office:** P.O. Box 2789  
1825 Michael Faraday Drive  
Reston, VA 20190

**Contact:** *Brian Sause*

**Fax:** (703) 435-2537

**E-mail:** bsause@hpva.org

BSR/HPVA EF-201x, Engineered Wood Flooring (revision of ANSI/HPVA EF-2009)

Stakeholders: Manufacturers, suppliers, distributors, and users of engineered wood flooring.

Project Need: To reflect changes in manufacturing, material resources, consumer preferences, and installation environments since the last revision.

Provides requirements for grading, moisture content, machining, bond line, construction, formaldehyde emissions, and finish of engineered wood flooring. Includes methods for identifying products that conform to the Standard, as well as definitions of trade terms used. Information on ordering, installation, re-inspection practices and inherent characteristics is included in the Appendix.

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

**Office:** 445 Hoes Lane  
Piscataway, NJ 08854

**Contact:** *Lisa Yacone*

**Fax:** (732) 562-1571

**E-mail:** l.yacone@ieee.org

BSR/IEEE C62.82.2-201x, Guide for the Application of Insulation Coordination (revision and redesignation of ANSI/IEEE 1313.2-1999 (R2005))

Stakeholders: Utility engineers, consultants, operators, owners, students, and any other person concerned with insulation coordination.

Project Need: To address comments received during the recent document reaffirmation, to address items contained in an IEC document on the same subject, and to address any new information that is found.

Applies to three-phase ac systems above 15 kV and is divided into two parts. This guide, the second part, is an application guide with practical examples, intended to provide guidance in the determination of the withstand voltages and to suggest calculation methods and procedures. The insulation coordination examples for selected equipment are designed to explain the principles of Part 1, IEEE C62.82.1, Standard of Insulation Coordination-Definitions, Principles, and Rules. This guide is intended for air-insulated ac systems. Caution should be exercised in the case of gas-insulated systems (GIS).

**ISA (ISA)**

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

**Contact:** *Eliana Beattie*

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

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

BSR/ISA 60079-25 (12.02.04)-201x, Explosive Atmospheres - Part 25: Intrinsically safe electrical systems (national adoption with modifications of IEC 60079-25)

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To provide specific requirements for construction and assessment of intrinsically safe electrical systems, type of protection "i", for use in Class I, Zone 0, 1, or 2, or Zone 20, 21, or 22 hazardous (classified) locations to the designer of the system who may be a manufacturer, a specialist consultant or a member of the end-user's staff.

Contains the specific requirements for construction and assessment of intrinsically safe electrical systems, type of protection "i", intended for use, as a whole or in part, in Class I, Zone 0, 1, or 2, or Zone 20, 21, or 22 hazardous (classified) locations as defined by the "American National Standard National Electrical Code," ANSI/NFPA 70.

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

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

**Contact:** *Barbara Bennett*

**Fax:** (202) 638-4922

**E-mail:** bbennett@itic.org

BSR INCITS/ISO/IEC 14776-115-201x, Information technology - Small Computer System Interface (SCSI) - Part 115: Parallel Interface-5 (SPI-5) (identical national adoption and revision of ANSI INCITS 367-2003 (R2008))

Stakeholders: ICT industry.

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

The SCSI parallel interface (SPI) is designed to provide an efficient peer-to-peer I/O bus with the maximum number of hosts and peripherals determined by the bus width (i.e., 8 or 16). Data may be transferred asynchronously or synchronously at rates that depend on implementation.

BSR INCITS/ISO/IEC 14776-342-201x, Information technology - Small Computer System Interface - Part 342: Controller Commands - 2 (SCC-2) (identical national adoption of ISO/IEC 14776-342:2000)

Stakeholders: ICT industry.

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

Defines the command set extensions for SCSI storage array devices; commonly known as RAID devices. This standard is principally intended to be used in conjunction with, not as an alternate to, any of the SCSI command standards nor to the SCSI-3 Architecture Model (ISO/IEC 14776-411) standard. This international standard is intended as an alternate to the SCSI-3 Controller Command (ISO/IEC 14776-341) standard.

BSR INCITS/ISO/IEC 14776-453-201x, Information technology - Small computer system interface (SCSI) - Part 453: Primary commands-3 (SPC-3) (identical national adoption of ISO/IEC 14776-453:2009)

Stakeholders: ICT industry.

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

Defines the SCSI commands that are mandatory and optional for all SCSI devices. Support for any feature defined in this standard is optional unless otherwise stated. This standard also defines the SCSI commands that may apply to any device model.

BSR INCITS/ISO/IEC 19795-7-201x, Information technology - Biometric performance testing and reporting - Part 7: Testing of on-card biometric comparison algorithms (identical national adoption of ISO/IEC 19795-7:2011)

Stakeholders: ICT industry.

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

Establishes a mechanism for measuring the core algorithmic capabilities of biometric comparison algorithms running on ISO/IEC 7816 integrated circuit cards. Specifically, ISO/IEC 19795-7:2011:

- instantiates a mechanism for on-card biometric comparison testing; and

- standardizes procedures for the measurement of the accuracy of on-card biometric comparison implementations running on object-based, test-specific sample cards.

BSR INCITS/ISO/IEC 24709-3-201x, Information technology - Conformance testing for the biometric application programming interface (BioAPI) -- Part 3: Test assertions for BioAPI frameworks (identical national adoption of ISO/IEC 24709-3:2011)

Stakeholders: ICT industry.

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

Defines a number of test assertions written in the assertion language specified in ISO/IEC 24709-1: 2007. These assertions enable a user of ISO/IEC 24709-3: 2011 (such as a testing laboratory) to test the conformance to ISO/IEC 19784-1 (BioAPI 2.0) of any BioAPI Framework that claims to be a conforming implementation of ISO/IEC 19784-1. Each test assertion specified in ISO/IEC 24709-3: 2011 exercises one or more features of an implementation under test.

# American National Standards Maintained Under Continuous Maintenance

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

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

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

- AAMI (Association for the Advancement of Medical Instrumentation)
- AAMVA (American Association of Motor Vehicle Administrators)
- AGA (American Gas Association)
- AGRSS, Inc. (Automotive Glass Replacement Safety Standards Committee, Inc.)
- ASC X9 (Accredited Standards Committee X9, Incorporated)
- ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
- ASME (American Society of Mechanical Engineers)
- ASTM (ASTM International)
- GEIA (Greenguard Environmental Institute)
- HL7 (Health Level Seven)
- MHI (ASC MH10) (Material Handling Industry)
- NAHBRC (NAHB Research Center, Inc.)
- NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)
- NCPDP (National Council for Prescription Drug Programs)
- NISO (National Information Standards Organization)
- NSF (NSF International)
- TIA (Telecommunications Industry Association)
- UL (Underwriters Laboratories, Inc.)

To obtain additional information with regard to these standards, such as contact information at the ANSI accredited standards developer, please visit ANSI Online at [www.ansi.org](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 Rachel Howenstine, at ANSI's New York offices (isot@ansi.org). 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.**

### **AIRCRAFT AND SPACE VEHICLES (TC 20)**

ISO/DIS 26871, Space systems - Explosive systems and devices - 4/29/2011, \$146.00

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

ISO/DIS 15197, In vitro diagnostic test systems - Requirements for blood-glucose monitoring systems for self-testing in managing diabetes mellitus - 4/28/2011, \$119.00

### **CORROSION OF METALS AND ALLOYS (TC 156)**

ISO/DIS 17752, Corrosion of metals and alloys - Procedures to determine and estimate runoff rates of metals from materials as a result of atmospheric corrosion - 4/27/2011, \$58.00

### **DENTISTRY (TC 106)**

ISO/DIS 12836, Dentistry - Digitizing devices used in CAD/CAM systems - Test methods for assessing the accuracy and precision - 4/28/2011, \$88.00

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

ISO/DIS 14641-1, Electronic document management - Design and operation of an information system for the preservation of electronic documents - Part 1: Specification - 4/28/2011, \$112.00

### **EQUIPMENT FOR FIRE PROTECTION AND FIRE FIGHTING (TC 21)**

ISO/DIS 6182-2, Fire protection - Automatic sprinkler systems - Part 2: Requirements and test methods for wet alarm valves, retard chambers and water motor alarms - 4/28/2011, \$82.00

ISO/DIS 6182-3, Fire protection - Automatic sprinkler systems - Part 3: Requirements and test methods for dry pipe valves - 4/28/2011, \$82.00

ISO/DIS 6182-5, Fire protection - Automatic sprinkler systems - Part 5: Requirements and test methods for deluge valves - 4/28/2011, \$71.00

### **ESSENTIAL OILS (TC 54)**

ISO/DIS 3517, Oil of neroli (Citrus aurantium L., syn. Citrus amara Link, syn. Citrus bigardia Loisel, syn. Citrus vulgaris Risso) - 4/25/2011, \$53.00

### **FASTENERS (TC 2)**

ISO/DIS 10509, Hexagon flange head tapping screws - 4/25/2011, \$40.00

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

ISO/DIS 13119, Health informatics - Clinical knowledge resources - Metadata - 4/28/2011, \$102.00

### **IMPLANTS FOR SURGERY (TC 150)**

ISO/DIS 25832-1, Implants for surgery - Seamless tubes for surgical implants - Part 1: Materials based on iron - 4/29/2011, \$67.00

### **MEASUREMENT OF FLUID FLOW IN CLOSED CONDUITS (TC 30)**

ISO/DIS 12242, Measurement of fluid flow in closed conduits - Ultrasonic meters for liquid - 4/29/2011, \$134.00

### **OPTICS AND OPTICAL INSTRUMENTS (TC 172)**

ISO 11979-7/DAmD1, Ophthalmic implants - Intraocular lenses - Part 7: Clinical investigations - Draft Amendment 1 - 4/28/2011, \$33.00

### **STEEL (TC 17)**

ISO/DIS 15208, Continuous hot-dip zinc-coated twin-roll cast steel sheet of commercial quality - 4/26/2011, \$58.00

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

ISO/DIS 6938, Textiles - Natural fibres - Generic names and definitions - 4/27/2011, \$46.00

### **TIMBER STRUCTURES (TC 165)**

ISO/DIS 22389-2, Timber structures - Bending applications of I-beams - Part 2: Component performance and production requirements - 4/27/2011, \$40.00

## **ISO/IEC JTC1, Information Technology**

ISO/IEC DIS 13156, Information technology - Telecommunications and information exchange between systems - High rate 60 GHz PHY, MAC and PALs - 4/28/2011, \$230.00

ISO/IEC DIS 18052, Information technology - Telecommunications and information exchange between systems - Protocol for Computer Supported Telecommunications Applications (CSTA) Phase III - 4/28/2011, \$281.00

ISO/IEC DIS 28360, Information technology - Office equipment - Determination of chemical emission rates from electronic equipment - 4/28/2011, \$125.00



# Newly Published ISO Standards

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

## **PAPER, BOARD AND PULPS (TC 6)**

ISO 5264-2:2011, Pulps - Laboratory beating - Part 2: PFI mill method, \$77.00

## **PLASTICS (TC 61)**

ISO 14125/Amd1:2011, Fibre-reinforced plastic composites - Determination of flexural properties - Amendment 1, \$17.00

## **POWDER METALLURGY (TC 119)**

ISO 28080:2011, Hardmetals - Abrasion tests for hardmetals, \$84.00

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

ISO 12756/Amd1:2011, Drawing and writing instruments - Ball point pens and roller ball pens - Vocabulary - Amendment 1: Viscosity of the writing fluid, \$17.00

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

ISO 15621:2011, Urine-absorbing aids - General guidelines on evaluation, \$77.00

## **TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)**

ISO 29283:2011, ITS CALM Mobile Wireless Broadband applications using Communications in accordance with IEEE 802.20, \$60.00

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

ISO/IEC 19794-8/Cor1:2011, Information technology - Biometric data interchange formats - Part 8: Finger pattern skeletal data - Corrigendum, FREE

ISO/IEC 23006-3:2011, Information technology - MPEG extensible middleware (MXM) - Part 3: MXM reference software, \$84.00



# Proposed Foreign Government Regulations

## Call for Comment

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

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

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

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

# Information Concerning

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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).

### Call for Members

#### Society of Cable Telecommunications

##### ANSI Accredited Standards Developer

SCTE, an ANSI-accredited SDO, is the primary organization for the creation and maintenance of standards for the cable telecommunications industry. SCTE's standards mission is to develop standards that meet the needs of cable system operators, content providers, network and customer premises equipment manufacturers, and all others who have an interest in the industry through a fair, balanced and transparent process.

SCTE is currently seeking to broaden the membership base of its ANS consensus bodies and is interested in new members in all membership categories to participate in new work in fiber-optic networks, advanced advertising, 3D television, and other important topics. Of particular interest is membership from the content (program and advertising) provider and user communities.

Membership in the SCTE Standards Program is open to all directly and materially affected parties as defined in SCTE's membership rules and operating procedures. More information is available at [www.scte.org](http://www.scte.org) or by email from [standards@scte.org](mailto:standards@scte.org).

## ANSI Accredited Standards Developers

### Application for Accreditation

#### Risk & Insurance Management Society, Inc. (RIMS)

##### Comment Deadline: March 7, 2011

The Risk & Insurance Management Society, Inc. (RIMS), a new full ANSI Organizational Member in January 2010, has submitted an application for accreditation as an ANSI Accredited Standards Developer and proposed operating procedures for documenting consensus on proposed American National Standards. RIMS's proposed scope of standards activity is as follows:

Standards relating to risk management and the integration of various risk management practices and techniques throughout organizations

To obtain a copy of RIMS' proposed operating procedures, or to offer comments, please contact: Mr. Nathan Bacchus, State Affairs Associate, Risk & Insurance Management Society, Inc., 1065 Avenue of the Americas, 13th Floor, New York, NY 11375; PHONE: (212) 655-6215; FAX: (212) 655-2699; E-mail: [nbacchuswvu@gmail.com](mailto:nbacchuswvu@gmail.com). Please submit your comments to RIMS by March 7, 2011, with a copy to the Recording Secretary, ExSC in ANSI's New York Office (FAX: (212) 840-2298; E-mail: [jthompso@ansi.org](mailto:jthompso@ansi.org)). As the proposed procedures are available electronically, the public review period is 30 days. You may view or download a copy of RIMS' proposed operating procedures from ANSI Online during the public review period at the following URL: <http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fPublic%20Review%20and%20Comment%2fANS%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d>.

### Administrative Reaccreditations

#### APA – The Engineered Wood Association

APA – The Engineered Wood Association, a full ANSI organizational member, has been administratively reaccredited at the direction of ANSI's Executive Standards Council, under operating procedures revised to bring the document into compliance with the current version of the ANSI Essential Requirements, effective January 28, 2011. For additional information, please contact: Borjen Yeh, Ph.D., P.E., Director, Technical Services Division, APA – The Engineered Wood Association, 7011 S. 19th Street, Tacoma, WA 98466-5333; PHONE: (253) 620-7467; FAX: (253) 565-7265; E-mail: [borjen.yeh@apawood.org](mailto:borjen.yeh@apawood.org).

#### Art & Creative Materials Institute (ACMI)

The Art & Creative Materials Institute (ACMI), a full ANSI organizational member, has been administratively reaccredited at the direction of ANSI's Executive Standards Council, under operating procedures revised to bring the document into compliance with the current version of the ANSI Essential Requirements, effective January 26, 2011. For additional information, please contact: Ms. Deborah Fanning, CAE, Executive Vice-President, The Art & Creative Materials Institute, P.O. Box 479, Hanson, MA 02341-0479; PHJONE: (781) 293-4100; FAX: (781) 294-0808; E-mail: [debbief@acminet.org](mailto:debbief@acminet.org).

## Approval of Reaccreditation

### American Gear Manufacturers Association (AGMA)

ANSI's Executive Standards Council has approved the reaccreditation of the American Gear Manufacturers Association (AGMA), a full ANSI Organizational Member, under its recently revised operating procedures for documenting consensus on proposed American National Standards, effective January 28, 2011. For additional information, please contact: Mr. Charles Fischer, AGMA Technical Division, American Gear Manufacturers Association, 500 Montgomery Street, Suite 350, Alexandria, VA 22314-1560; PHONE: (703) 684-0211; FAX: (703) 684-0242; E-mail: [fischer@agma.org](mailto:fischer@agma.org).

## ANSI Accreditation Program for Greenhouse Gas Verification/Validation Bodies

### Scope Extension

Ryerson, Master and Associates, Inc.

Comment Deadline: March 7, 2011

#### Ryerson, Master and Associates, Inc.

David Hadlet  
Vice-President, Business Development  
735 State Street, Suite 407  
Santa Barbara, CA 93101, USA  
PHONE: (805) 730-1338  
E-mail: [Dave.Hadlet@lrqa.com](mailto:Dave.Hadlet@lrqa.com)

On February 1, 2011 the ANSI Greenhouse Gas Validation/Verification Accreditation Committee voted to approve an extension of scope of accreditation for Ryerson, Master and Associates, Inc. for the following:

#### Standards:

ISO 14065 – Greenhouse gases – Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition

#### Scopes:

Verification of assertions related to GHG emissions and removals at the organizational level

Group 4 – Electric Power Transactions

Verification of assertions related to GHG emission reductions and removals at the project level

Group 5 – Livestock

Group 6 – Waste Handling and Disposal

Please send your comments by March 7, 2011 to Ann Bowles, Senior Program Manager, GHG Program, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, FAX: (202) 293-9287, or E-mail: [accreditation@ansi.org](mailto:accreditation@ansi.org).

## ANSI Accreditation Program for Third Party Personnel Certification Agencies

### Initial Applications

National Association of the Remodeling Industry

Comment Deadline: March 7, 2011

#### National Association of the Remodeling Industry

780 Lee St., Suite 200,  
Des Plaines, IL 60016

The National Association of the Remodeling Industry has submitted initial application for the Certified Remodeler Program.

Please send your comments by March 7, 2011 to Roy Swift, Ph.D., Senior Director, Personnel Credential Accrediting Programs, American National Standards Institute, 1819 L Street, NW, 6th Floor, Washington, DC 20036, FAX: (202) 293-9287 or e-mail: [rswift@ansi.org](mailto:rswift@ansi.org).

### UL University

Comment Deadline: March 7, 2011

#### UL University

4721 Anchorage Drive, Research Triangle Park,  
Arlington, TX 76016

UL University has submitted initial application for the following three scopes:

- Certification for Photovoltaic Inspectors
- Certification for Photovoltaic Installers
- Certification for Photovoltaic Product Design

Please send your comments by March 7, 2011 to Roy Swift, Ph.D., Senior Director, Personnel Credential Accrediting Programs, American National Standards Institute, 1819 L Street, NW, 6th Floor, Washington, DC 20036, FAX: (202) 293-9287 or e-mail: [rswift@ansi.org](mailto:rswift@ansi.org).

### Suspensions

#### Association of Professionals in Business Management

Comment Deadline: March 7, 2011

#### Association of Professionals in Business Management

980 North Michigan Avenue, Suite 1400,  
Chicago, IL 60611

Association of Professionals in Business Management has been put on suspension for the following scope:

- Certified Business Manager (CBM)

Please send your comments by March 7, 2011 to Roy Swift, Ph.D., Senior Director, Personnel Credential Accrediting Programs, American National Standards Institute, 1819 L Street, NW, 6th Floor, Washington, DC 20036, FAX: (202) 293-9287 or e-mail: [rswift@ansi.org](mailto:rswift@ansi.org).

## National Inspection Testing Certification Corporation

**Comment Deadline: March 7, 2011**

### National Inspection Testing Certification Corporation

501 Shatto Place, Suite 201,  
Los Angeles, CA 90020

National Inspection Testing Certification Corporation is on suspension for the following scopes:

- Journeyman Pipefitting Steamfitting
- Journeyman Plumber
- Medical Gas Inspector
- Medical Gas Installer
- Medical Gas Instructor

Please send your comments by March 7, 2011 to Roy Swift, Ph.D., Senior Director, Personnel Credential Accrediting Programs, American National Standards Institute, 1819 L Street, NW, 6th Floor, Washington, DC 20036, FAX: (202) 293-9287 or e-mail: [rswift@ansi.org](mailto:rswift@ansi.org).

## International Organization for Standardization (ISO)

Changes in Administrations

ISO/TC 41/SC 4 - Pulleys and belts (including veebelts)

**Comment Deadline: February 11, 2011**

The Association for Rubber Products Manufacturers (ARPM) has requested ANSI to delegate the responsibilities of the administration of the TC 44/SC 4 secretariat to ARPM. This action has been approved by the ANSI ISO Council (AIC). The scope of TC 41, which TC 41/SC 4 falls under, is as follows:

Standardization in the field of pulleys and belt drives, particularly grooved pulleys and veebelts, and flat pulleys and belts, including dimensions of pulley hubs; cable drives; driving flywheels. Standardization in the field of conveyor belts.

Organizations wishing to comment on the delegation of the responsibilities should contact ANSI's ISO Team [isot@ansi.org](mailto:isot@ansi.org) by February 11, 2011.

ISO/TC 184/SC 5 - Interoperability, integration, and architectures for enterprise systems and automation applications

**Comment Deadline: February 11, 2011**

The Electronic Commerce Code Management Association (ECCMA) has requested ANSI to delegate the responsibilities of the administration of the TC 184/SC 5 secretariat to ECCMA. This action has been approved by the ANSI ISO Council (AIC). The scope of TC 184, which TC 184/SC 5 falls under, is as follows:

Standardization in the field of automation systems and their integration for design, sourcing, manufacturing and delivery, support, maintenance and disposal of products and their associated services. Areas of standardization include information systems, robotics for fixed and mobile robots in industrial and specific non-industrial environments, automation and control software and integration technologies.

These standards may utilize other standards and technologies beyond the scope of TC 184, such as machines, equipment, information technologies, multi-media capabilities, and multi-modal communication networks.

Excluded are base standards in the following areas:

- electrical and electronic equipment as dealt with by IEC/TC 44;
- PLCs for general application as dealt with by IEC/TC 65;
- multi-media capabilities as dealt with by IEC/TC 100.

Organizations wishing to comment on the delegation of the responsibilities should contact ANSI's ISO Team [isot@ansi.org](mailto:isot@ansi.org) by February 11, 2011.

## U. S. Technical Advisory Groups

Expansion of TAG Scopes

U.S. TAG to ISO Project Committee 236 – Project Management

**Comment Deadline: March 7, 2011**

The Project Management Institute (PMI), in its role as the TAG Administrator of the currently accredited U.S. Technical Advisory Group (TAG) to ISO Project Committee 236, Project Management, has requested the expansion of the TAG's scope to cover the activities of the new ISO Technical Committee 258, Project, programme and portfolio management. The currently accredited U.S. TAG to ISO/PC 236 operates under its own operating procedures, which comply with the requirements set forth in the ANSI International Procedures. Please forward any comments on this action by March 7, 2011 to: Ms. Quynh Woodward, Standards Compliance Specialist, Project Management Institute, 14 Campus Boulevard, Newtown Square, PA 19073-3299; PHONE: (610) 356-4600, ext. 7034; FAX: (610) 356-4647; E-mail: [quynh.woodward@pmi.org](mailto:quynh.woodward@pmi.org).

U.S. TAG to ISO Project Committee 242 – Energy Management

**Comment Deadline: March 7, 2011**

Georgia Tech Environmental and Sustainability Services, in its role as the TAG Administrator of the currently accredited U.S. Technical Advisory Group (TAG) to ISO Project Committee 242. Energy Management has requested the expansion of the TAG's scope to cover the activities of ISO Technical Committee 227, Energy Savings. The currently accredited U.S. TAG to ISO/PC 242 has adopted the Model Operating Procedures for U.S. TAGs to ANSI for ISO Activities, as contained in Annex A of the ANSI International Procedures. Please forward any comments on this action by March 7, 2011 to: Ms. Deann Desai, Georgia Tech Energy and Sustainability Services, 760 Spring Street NW, Suite 330, Atlanta, GA 30332-0640; PHONE: (770) 605-4474; E-mail: [dean.desai@gatech.edu](mailto:dean.desai@gatech.edu) (please copy [ithomps@ansi.org](mailto:ithomps@ansi.org)).

## Meeting Notices

### AHRI Standards Development Meetings

#### Dehumidifiers 920P Subcommittee

The Dehumidifiers 920P Subcommittee, sponsored by AHRI, will hold a web conference meeting on Friday 18 February 2011 from 2:00 pm to 4:00 pm ET. AHRI Draft Standard 920P, Performance Rating of DX-Dedicated Outside Air System Units will be reviewed and revised. This is an open meeting. Please contact Danny Abbate at (703)-600-0327, or by email at [dabbate@ahrinet.org](mailto:dabbate@ahrinet.org) for more information.

#### Dehumidifiers 930P Task Force

The Dehumidifiers 930P Task Force, sponsored by AHRI, will hold a web conference meeting on Tuesday 15 February 2011 from 2:00 pm to 4:00 pm ET. AHRI Draft Standard 930P, Performance Rating of Air-to-Air Energy (Heat) Exchangers for Increased Dehumidification will be reviewed and revised. This is an open meeting. Please contact Danny Abbate at (703)-600-0327, or by email at [dabbate@ahrinet.org](mailto:dabbate@ahrinet.org) for more information.

## Annex C References (Informative)

BSR/AMCA 500-L-201x

- [1] *Standard for Use of the International System of Units (SI): The Modern Metric System*. IEEE/ASTM SI10-2001.
- [2] *ibid*, p19.
- [3] *ASME Steam Tables*, p 283. American Society of Mechanical Engineers, 1967. AMCA #2312
- [4] *Standard Measurement Guide*. Engineering Analysis of Experimental Data, ASHRAE, Inc., ASHRAE Standard 41.5-75 (1975). AMCA #1142
- [5] FOLSOM, R. G., *Review of the Pitot Tube*. University of Michigan, IP-142, 1955. AMCA #1144
- [6] *Supplementary Notes on Pressure Tappings*. International Organization for Standardization, ISO/TC 117/SC 1/WG 2 (U.K. 4) 1969. AMCA #1145
- [7] Bohanon, H.R., *Air Flow Measurement Velocities*, Memorandum Reports to AMCA 210/ASHRAE 51.P Committee, April 18, 1973. AMCA #1146
- [8] Winternitz, F.A.L. and Fischal, S.F., *A Simplified Integration Technique for Pipe Flow Measurement*. Water Power, Vol. 9, No. 6, June, 1957, pp. 225-234. AMCA #1147
- [9] Brown, N., *A Mathematical Evaluation of Pitot Tube Traverse Methods*. ASHRAE, Inc., ASHRAE Technical Paper No. 2335, 1975. AMCA #1003
- [10] BOHANON, H. R., *Fan Test Chamber-Nozzle Coefficients*. ASHRAE, Inc., ASHRAE Technical Paper No. 2334, 1975. AMCA #1038
- [11] Bohanon, H.R., *Laboratory Fan Test: Error Analysis*. ASHRAE, Inc., ASHRAE Technical Paper No. 2332, 1975. AMCA #1034
- [12] *Instruments and Apparatus, Pressure Measurement*, American Society of Mechanical Engineers, ASME PTC 19.2-1987 2004. AMCA #2093
- [13] *Report on Measurements Made on the Downstream Side of a Fan with Duct Connection*. International Organization for Standardization, ISO/TC 117 SC1/WG 1 (Denmark-4) 46E, 1971. AMCA #1152
- [14] Whitaker, J., Bean, P.G., and Hay, E., *Measurement of Losses Across Multi-Cell Flow Straighteners*. National Engineering Laboratory, NEL Report No. 46 1, July, 1970. AMCA #1153
- [15] HELANDER, L., *Psychrometric Equations for the Partial Vapor Pressure and the Density of Moist Air*. Report to AMCA 210/ASHRAE 51P Committee, November 1, 1974. AMCA #1156
- [16] *Handbook of Fundamentals, Weight of Air Tables*, Chapter 6. American Society of Heating, Refrigerating and Air-Conditioning, 1993 2009.
- [17] HELANDER, L., *Viscosity of Air*. Memorandum Report to AMCA 210/ASHRAE 51P Committee, January 11, 1973. AMCA #1158
- ~~[18] Measurement of Fluid Flow by Means of Orifice Plates and Nozzles, International Organization for Standardization, ISO/R 541-1967E~~
- [18] *Measurement of Fluid Flow by Means of Pressure Differential Devices Inserted in Circular Cross-Section Conduits Running Full*. International Organization for Standardization, ISO 5167:2003.
- ~~[19] Metric Practice Guide, American Society for Testing Materials, ASTM E 380-92, ANSI Z 210.1-1973. AMCA #1160~~
- [19] *Standard for Use of the International System of Units (SI): The Modern Metric System*. IEEE/ASTM SI10-2001.
- [20] *Laboratory testing and rating of weather louvres when subjected to simulated rain*. Heating, Ventilating and Air Conditioning Manufacturers Association (HEVAC), 4th Edition, January 1995.

## BSR/IES RP-22-201x

### 9.1 Light Sources

Fluorescent (FL), Low Pressure Sodium (LPS), Metal Halide (MH), and High Pressure Sodium (HPS) lamps are the light sources often used for tunnel lighting installations. Newer technologies such as Induction and Light Emitting Diodes (LED) are being investigated and tested for tunnel applications. The following factors affect the selection of light sources for tunnel lighting:

- Efficacy (lumens per watt)
- Lamp lumen output
- Life
- Lamp lumen depreciation
- Ambient temperature as it relates to lamp / luminaire combinations
- Cost (lamp and luminaire)
- Restrike time
- Luminaire light distribution
- Physical size (lamp and luminaire)
- Physical durability (lamp and luminaire) from outside elements.
- Color temperature
- Lamp operating position (tilt factor)
- Potential for dimming (note: at the time of this publication, the offering of dimming equipment capable of being used in a tunnel environment is very limited. Please consult manufacturers as technologies change rapidly.

The advantages and disadvantages of the various viable sources are discussed in the following paragraphs. **The information presented here is not to be considered as comprehensive for any source type and it is recommended that specific operating conditions be reviewed with the lamp manufacturers for ~~current operating~~ detailed performance characteristics.**

**9.1.1 Fluorescent (FL)** . Fluorescent lamps are frequently used for the tunnel daytime interior and nighttime zones, where lower illumination levels are required. They are often used in conjunction with other light sources which provide the higher illumination levels required in threshold and transition zones.

The advantages of fluorescent lamps include; (1) instant restrike in the event of momentary power interruption, (2) linear source, which can provide continuous lighting, eliminating the concern for flicker effect, (3) low lamp cost, and (4) availability of various lamp color temperatures with high color rendering indices.

The disadvantages include; (1) possible large lamp size, (2) ~~potential lower lamp efficacy~~, (2) minimal control of luminaire light distribution, (3) reduced lumen output at both higher and lower ambient temperatures, (4) difficulty of maintaining the luminaire dust-tight and water-tight for large enclosures and (5) mercury content and its appropriate disposal.

**9.1.2 Low Pressure Sodium (LPS)** . Low pressure sodium lamps have very high efficacy and are frequently used in conjunction with other sources to provide the high illumination levels required in threshold and transition zones. Lower wattage LPS sources can be also used in interior zones.

The advantages include; (1) relatively short restrike in the event of momentary power interruption, (2) linear source (in larger size lamps), which may reduce the concern for flicker effect, (3) high efficacy, and (4) minimal or no lamp lumen depreciation over life

(at the expense of increased power consumption over the same period).

The disadvantages include; (1) high lamp replacement cost, (2) possible large luminaire size, (3) shorter lamp life than HPS lamps, (4) minimal control of light distribution (5) poor color rendering index (CRI), and (6) difficulty of maintaining the luminaire dust tight and water tight for larger enclosures.

**9.1.3 High Pressure Sodium (HPS)** . High pressure sodium lamps are available in a wide selection of wattages, lumen outputs, lamp sizes, increased life ratings, compact size, and are easily optically controlled.

The advantages include: (1) high lamp efficacy, (2) excellent luminaire light control, resulting in high luminaire efficiency, and (3) good lamp life and lumen maintenance.

The disadvantages include: (1) required restrike time in the event of momentary power interruption (or higher cost for dual arc tube lamps), (2) small luminaire size, which may require that flicker effect be considered, (3) careful luminaire design and placement to eliminate high brightness and resultant discomfort and/or disability glare problems as well as non-uniform wall brightness and/or striations, and (4) potential low Color Rendering Index (CRI).

**9.1.4 Metal Halide (MH)** . Metal Halide lamps are also available in a wide selection of wattages, lumen outputs, lamp sizes, and moderately good lamp life, compact envelope sizes, and are easily optically controlled.

The primary advantage of metal halide lamps is their color. Various lamp color temperatures are available with a high Color Rendering Index (CRI).

The disadvantages include: (1) required restrike time in the event of momentary power interruption, (2) small luminaire size, which may require that flicker effect be considered, (3) careful luminaire design and placement to eliminate high brightness and resultant discomfort and/or disability glare problems as well as non-uniform wall brightness and/or striations, (4) lower efficacy than HPS lamps (5) risk of lamp rupture at end of life if operated continuously without any periodic or weekly shutdown and (6) mercury content and it's appropriate disposal.

**9.1.5 Other Light Sources** . ~~It is rare that an alternate less efficient light source, other than those discussed above, would be used today in the design of either a new lighting, or a replacement system.~~ As new light sources technologies mature are developed (e.g., plasma, induction lamps, or LED) ~~the~~ available options will increase. Designs for new tunnel lighting installations or replacement systems using these sources are emerging and being evaluated for potential operational and energy savings. See Section 9.1 for considerations when choosing the most appropriate source for the application. Lamp and luminaire manufacturers' data should be consulted for the latest information.

**9.1.5.1 Induction.** Induction lamps produce light in a similar way to fluorescent sources. Since they have no electrodes or wire connections in the lamp they are sometimes referred to as "electrodless" lamps.

The primary advantages include energy savings, life of up to 100,000 hours (based on 3 hours burning time per start) in some cases with good lumen maintenance, low operating cost, and good color rendition.



The disadvantages include: (1) higher initial cost, (2) minimum starting temperature of 0°C , (3) light output is reduced above 40 °C, and (4) not suitable for dimming or with other electronic control devices.

9.1.5.2 LED. Light Emitting Diodes are electronic semiconductor devices, also referred to as solid-state lighting (SSL) devices, which convert electricity into light. LEDs require a driver which is similar to a ballast. They are heat sensitive and excessive heat or inappropriate applications can reduce both light output and life.

LEDs have long life 25,000 to 50,000 or more hours although light output decreases over time. Characteristics include controllability, directionality, compact size, durability, cold temperature operation, instant on and negligible IR and UV emissions for good environmental impact.

Disadvantages include: (1) while dimmable, they are not compatible with all lighting controls, (2) small concentrated sources can produce glare and shielding measures can reduce light output and efficacy, and (3) color variations can create undesired color effects on the target surface.

**BSR/UL 231 - Require the Use of Weather-Resistant Receptacles, New 8.2.11  
(Recirculation)**

8.2.11 All 15- and 20-ampere, 125- and 250-volt nonlocking receptacles, including receptacles with integral Class A ground-fault circuit protection for personnel, shall be rated as "weather-resistant" type in accordance with Supplement SE, "Weather-Resistant Receptacles" in the Standard for Attachment Plugs and Receptacles, UL 498.

## Standard for Fire Tests of Building Construction and Materials, BSR/UL 263

11A.1.1 An individual classification of an unrestrained beam may be obtained by this test and based upon the conditions of acceptance specified in 11A.4. The fire endurance classification is applicable to the beam when used with a floor or roof construction that has a comparable or greater capacity for heat dissipation from the beam than the floor or roof with which it was tested. ~~The fire endurance classification developed by this method is not applicable to sizes of beams smaller than those tested.~~

~~11A.2.6 The maximum bearing length shall be 4 inches (101 mm).~~

11A.3.1 Throughout the fire endurance test, apply a superimposed load to the specimen to simulate a maximum load condition. This load shall be the maximum load condition allowed under nationally recognized structural design criteria unless limited design criteria are specified and a corresponding reduced load is applied.

11A.4.1 To obtain an unrestrained beam classification, ~~the following conditions shall be met~~ the specimen shall have sustained the applied load during the classification period. The specimen shall be deemed as not sustaining the applied load when both of the following limits are exceeded:

- a) A maximum total deflection of: ~~The specimen shall have sustained the applied load during the classification period, and~~

$$(Lc^2) / (400 d)$$

- b) And after the deflection limit has been exceeded, a maximum rate of deflection per minute as determined over one-minute intervals of: ~~The specimen deflection shall not exceed:~~

$$(Lc^2) / (9000 d)$$

- 1) ~~A maximum total deflection of:~~

$$(Lc^2) / (400 d)$$

- 2) ~~And a maximum deflection rate per minute of:~~

$$(Lc^2) / (9000 d)$$

Where:

*Lc equals the clear span of the beam ~~measured in inches, and~~*

*d equals the distance between the extreme fiber of the beam in the compression zone and the extreme fiber of the beam in the tensile zone ~~measured in inches.~~*

11A.4.2 With reference to 11A.4.1, the units of deflection, Lc and d must be expressed in the same units such as inches or millimeters.

## Standard for Central-Station Alarm Services, BSR/UL 827

### PROPOSAL

#### 22.2 Alarm, supervisory, and trouble signals

22.2.1 Service for an alarm system including dispatch and arrival time of a runner shall be in accordance with the requirements of the National Fire Alarm and Signaling Code, NFPA 72. ~~The maximum range of travel (driving time) in a land-based service vehicle from a service center to a protected property shall not exceed 1 hour for a fire-alarm system or 1/2 hour for a guard's tour system.~~

*Exception: If authorized by the authority having jurisdiction, ~~the range of travel noted above to reach a~~ arrival time of a runner to the protected property may be extended to 4 hours.*

**BSR/UL 1769****Proposals****11A Service Valves for LP-Gas for Use On Industrial Truck Type Containers**

11A.1 A service valve that is intended to be installed on industrial truck type containers (DOT or ASME) shall comply with 3.1 and the following:

- a) Incorporate an internal excess flow check valve that shall comply with UL 125.
- b) Incorporate NPT pipe threaded outlet connection that complies with 8.1(b) or NGT threaded outlet connection that complies with CGA V-1 Standard for Compressed Gas Cylinder Valve Outlet and Inlet Connections, Section E1.
- c) If a fixed maximum liquid level gauge is provided,
  - i) It shall comply with 5.8;
  - ii) It shall indicate the maximum permitted filling level for all mounting positions of the container, in which the valve is to be used.
  - iii) The valve stem is allowed to have a knurled handwheel or similar knob for operation.
  - iv) The valve stem is allowed to be removable from the valve body for replacement purposes.

11A.2 A service valve that is intended to be installed on single opening industrial truck type DOT cylinders shall comply with 3.1 and the following:

- a) Incorporate a pressure relief valve that shall comply with Section 9, and shall have its spring and guiding mechanism not exposed to the atmosphere.
- b) The relief valve shall be orientated so that its discharge is directed upward at a 45-degree (0.78 radians) angle from vertical.
- c) The relief valve shall be provided with a protective cap or cover to minimize the possibly of the entry of water or any extraneous matter.
- d) The relief valve shall have direct communication with the vapor space of the cylinder in all mounting positions for the cylinder.
- e) Incorporate NPT pipe threaded outlet connection that complies with 8.1(b) or NGT threaded outlet connection that complies with CGA V-1 Standard for Compressed Gas Cylinder Valve Outlet and Inlet Connections, Section E1.
- f) Incorporate an internal excess flow check valve that shall comply with UL 125.
- g) The internal excess flow check valve shall not restrict the flow of the pressure relief valve.
- h) Incorporate a fixed maximum liquid level gauge that shall comply with 11.1(c)(i – iv).
- i) Include a tag, label or similar marking system that has installation instructions in accordance with 27.11.

j) Incorporate a variable liquid level gauge that shall comply with UL 565.

*Exception: Service valves for LP-Gas for use on composite type single opening DOT cylinders are not required to incorporate a variable liquid level gauge.*

23.2 ~~Each~~ One test sample of each size is to be subjected to the physical stresses normally imposed on or within a part as the result of assembly with other components. ~~Such stresses are to be applied to the sample prior to and maintained during the test.~~ Samples with female tapered pipe threads, intended to be used for installing the product in the field, are to have the threads engaged and tightened to the torque specified in Table 13.1. ~~Samples with male threads are evaluated in "as-received" condition.~~ Samples with female threads other than tapered pipe threads shall be torqued as specified by the manufacturer. Teflon tape or pipe compound is not to be used on the any threads. Samples with male threads are evaluated in "as-received" condition.

23.2.1 ~~Each sample without a relief valve shall be subjected to the External Leakage Test, Section 14 before being subjected to the ammonia atmosphere. Samples with relief valves, shall be subjected to the External Leakage Test, Section 14 before being subjected to the ammonia atmosphere at rated pressure.~~

23.5 After the exposure period, the samples are to be examined for cracks or other signs of stress corrosion using a microscope having a magnification of 25X. Valve parts without relief valve exhibiting degradation as indicated in 23.1(a), as a result of the test exposure described in 23.2 and 23.3 shall be subjected to and comply with the Hydrostatic Strength Test, Section 17. Valve parts with a relief valve component exhibiting degradation as indicated in 23.1(a), as a result of the test exposure described in 23.2 and 23.3 shall be subjected to External Leakage Test, Section 14 at rated pressure. Leakage from any cracks or from areas of degradation shall not be observed.