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## American National Standards

### Call for comment on proposals listed

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

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

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

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

## Comment Deadline: June 21, 2009

### NSF (NSF International)

#### Revisions

BSR/NSF 50-200x (i55), Equipment for Swimming Pools, Spas, Hot Tubs and other Recreational Water Facilities (revision of ANSI/NSF 50-2009)

Issue 55 - Provides consistent language for section 12, 13 and 16. Removes all references to levels in each of these sections.

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

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

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

Adds language to clarify what constitutes a non-repeating fitting.

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

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

### UL (Underwriters Laboratories, Inc.)

#### Revisions

BSR/UL 5-200x, Standard for Safety for Surface Metal Raceways and Fittings (Proposal dated 5-22-09) (revision of ANSI/UL 5-2007)

Corrects the ohms-per-meter value for aluminum in Table 15.1, Maximum resistance of individual sections and fittings.

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

Send comments (with copy to BSR) to: Paul Lloret, (408) 754-6618, [Paul.E.Lloret@us.ul.com](mailto:Paul.E.Lloret@us.ul.com)

BSR/UL 5B-200x, Standard for Safety for Strut-Type Channel Raceways and Fittings (Proposal dated 5-22-09) (revision of ANSI/UL 5B-2007)

Corrects the ohms-per-meter value for aluminum in Table 14.1, Maximum resistance of individual sections and fittings.

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

Send comments (with copy to BSR) to: Paul Lloret, (408) 754-6618, [Paul.E.Lloret@us.ul.com](mailto:Paul.E.Lloret@us.ul.com)

BSR/UL 1684A-200x, Standard for Safety for Supplemental Requirements for Extra Heavy Wall Reinforced Thermosetting Resin Conduit (RTRC) and Fittings (Proposal dated 5-22-09) (revision of ANSI/UL 1684A-2007)

Adds references to UL 2515 (the new standard for Aboveground RTRC and Fittings that will be published shortly). The current requirements referencing UL 1684 (noted in clauses 3.2, 3.3, 5.2 and 5.4 of UL 1684A) have been renumbered in UL 2515. The UL 2515 references are editorial and being added to UL 1684A for clarification.

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

Send comments (with copy to BSR) to: Paul Lloret, (408) 754-6618, [Paul.E.Lloret@us.ul.com](mailto:Paul.E.Lloret@us.ul.com)

## Comment Deadline: July 6, 2009

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

#### Revisions

BSR X9.100-160 Part 2-200x, Magnetic Ink Printing (MICR) - Part 2: EPC Field Use (revision of ANSI X9.100-160 Part 2-2007)

Establishes external processing code (EPC) assignments and management, and specifies the MICR characters approved for use in the U.S. Payments System.

Single copy price: \$60.00

Obtain an electronic copy from: [janet.busch@x9.org](mailto:janet.busch@x9.org)

Order from: Janet Busch, (410) 267-7707, [janet.busch@x9.org](mailto:janet.busch@x9.org)

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### ASTM (ASTM International)

The URL to search for scopes of ASTM standards is:

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

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

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

#### New Standards

BSR/ASTM WK5453-200x, New Practice for the Prevention of Dermatitis in the Wet Metal Removal Environment (new standard)

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK5453.htm>

Single copy price: Free

#### New National Adoptions

BSR/ASTM ISO 5356-1-200x, Anaesthetic and respiratory equipment - Conical connectors - Part 1: Cones and sockets (identical national adoption of ISO 5356-1:2004)

<http://www.astm.org/Standards/ISO5356.htm>

Single copy price: \$69.00

BSR/ASTM ISO 5366-3-200x, Anaesthetic and Respiratory Equipment - Tracheostomy Tubes - Part 3: Paediatric Tracheostomy Tubes (identical national adoption of ISO 5366-3:2001)

<http://www.astm.org/Standards/ISO53663.htm>

Single copy price: \$55.00

BSR/ASTM ISO 9919-200x, Medical Electrical Equipment - Particular Requirements for the Basic Safety and Essential Performance of Pulse Oximeter Equipment for Medical Use (identical national adoption of ISO 9919:2005)

<http://www.astm.org/Standards/ISO9919.htm>

Single copy price: \$126.00

**Reaffirmations**

BSR/ASTM D710-1997 (R200x), Specification for Vulcanized Fibre Sheets, Rods, and Tubes Used for Electrical Insulation (reaffirmation of ANSI/ASTM D710-1997 (R2002))

<http://www.astm.org/Standards/D710.htm>

Single copy price: \$37.00

**AWS (American Welding Society)****Revisions**

BSR/AWS B5.15-200x, Specification for the Qualification of Radiographic Interpreters (revision of ANSI/AWS B5.15-2003)

Defines the requirements for the qualification of radiographic interpreters. The qualification of radiographic interpreters requires experience, knowledge, and skills unique to the interpretation of radiographic media and the determination of acceptance criteria for weldments and adjacent base metal. Training and work experience in radiographic theory, procedures, weld and adjacent base metal defect recognition, radiographic processing, handling, storage, and code requirements relating to radiographic acceptance criteria are essential to ensuring the competence of individuals engaged in radiographic interpretation.

Single copy price: \$25.00

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

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

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

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

BSR Z21.19a-200x, American National Standard/CSA Standard for Refrigerators Using Gas Fuel (same as CSA 1.4a) (addenda to ANSI Z21.19-1990 (R2007))

Covers testing and examination criteria for residential gas fired refrigerators provided with a direct, self contained type of system employing the absorption or adsorption principle of refrigeration using Group 2 refrigerants in quantities not exceeding 6 lb (2.72 kg) for use with natural gas, liquefied petroleum (propane) gases, or convertible for use with natural gas and liquefied petroleum (propane) gases. This standard also covers all electrical equipment, wiring and accessories built in or supplied with gas fired refrigerators for use with low voltage direct current or alternating current.

Single copy price: \$50.00

Obtain an electronic copy from: [cathy.rake@csa-america.org](mailto:cathy.rake@csa-america.org)

Order from: Cathy Rake, (216) 524-4990, [cathy.rake@csa-america.org](mailto:cathy.rake@csa-america.org)

Send comments (with copy to BSR) to: Same

**ISA (ISA)****New Standards**

BSR/ISA 5.1-200x, Instrumentation Symbols and Identification (new standard)

Establishes a uniform means of designating instruments and instrumentation systems used for industrial process measurement and control. To this end, a designation system is presented that includes symbols and an identification code.

Single copy price: \$99.00 usd

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

Order from: Charles Robinson, (919) 990-9213, [crobinson@isa.org](mailto:crobinson@isa.org)

Send comments (with copy to BSR) to: Same

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

BSR INCITS/ISO/IEC 19772-200x, Information technology - Security techniques - Authenticated encryption (identical national adoption of ISO/IEC 19772:2009)

Specifies six methods for authenticated encryption, i.e., defined ways of processing a data string with the following security objectives:

- data confidentiality, i.e., protection against unauthorized disclosure of data;
- data integrity, i.e., protection that enables the recipient of data to verify that it has not been modified; and
- data origin authentication, i.e., protection that enables the recipient of data to verify the identity of the data originator.

All six methods specified in ISO/IEC 19772:2009 require the originator and the recipient of the protected data to share a secret key.

Single copy price: \$30.00

Obtain an electronic copy from: <http://webstore.ansi.org> or [www.incits.org](http://www.incits.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: Serena Patrick, (202) 626-5741, [spatrick@itic.org](mailto:spatrick@itic.org)

**RIA (Robotics Industries Association)****Reaffirmations**

BSR/RIA R15.06-1999 (R200x), Industrial Robots and Robot Systems - Safety Requirements (reaffirmation of ANSI/RIA R15.06-1999)

Applies to the manufacture, remanufacture, rebuild, integration, installation, methods of safeguarding, maintenance, testing and start-up, and training requirements for industrial robots and robot systems to enhance the safety of personnel associated with their use by establishing specific responsibilities and requirements for the manufacturer (including remanufacturer and rebuilder), the installer, and the end user.

Single copy price: \$45.00

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

Send comments (with copy to BSR) to: Jeff Fryman, (734) 994-6088, [jfryman@robotics.org](mailto:jfryman@robotics.org)

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

BSR/TIA 568-C.2-200x, Balanced Twisted-Pair Telecommunications Cabling and Components Standard (revision and redesignation of ANSI/TIA 568-B.2-2001)

Specifies minimum requirements for balanced twisted-pair telecommunications cabling (e.g., channels and permanent links) and components (e.g., cable, connectors, connecting hardware, patch cords, equipment cords, work area cords, and jumpers) that are used up to and including the telecommunications outlet/connector and between buildings in a campus environment. This Standard also specifies field test procedures and applicable laboratory reference measurement procedures for all transmission parameters.

Single copy price: \$54.00

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

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

Send comments (with copy to BSR) to: Teesha Jenkins, (703) 907-7706, [tjenkins@tiaonline.org](mailto:tjenkins@tiaonline.org)

**Reaffirmations**

BSR/TIA 464-C-2002 (R200x), Telecommunicatgions - Multiline Terminal Systems - Requirements for PBX Switching Equipment (reaffirmation of ANSI/TIA 464-C-2002)

Defines requirements for Private Branch Exchange (PBX) systems. This is the third revision of the ANSI/TIA/EIA 464 standard for PBX switching equipment. Because of the changing environment in telecommunications and the introduction of new technology, this document will be a living document with periodic revisions issued by TIA engineering Subcommittee TR41.1.

Single copy price: \$313.00

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

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

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

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

See page XX for the complete listing of this 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: Mitchell Gold, (847) 664-2850, [Mitchell.Gold@us.ul.com](mailto:Mitchell.Gold@us.ul.com)

BSR/UL 399-200x, Standard for Safety for Drinking-Water Coolers (revision of ANSI/UL 399-2004)

The following is being proposed:

(1) Addition and revision of glossary terms;

(2) Revisions to:

- installation and operating instructions;
  - requirements for switches and controllers, valves and solenoids, pressure-limiting devices, pressure relief devices;
  - leakage current test;
  - test operating conditions;
  - stability test;
  - strength test;
  - markings; and
  - Appendix B;
- (3) Addition of:
- ozone test;
  - motor overload protection requirements;
  - test ambient temperature; and
  - exception for temperature control and Appendix A.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Jeffrey Prusko, (847) 664-3416, [jeffrey.prusko@us.ul.com](mailto:jeffrey.prusko@us.ul.com)

**VITA (VMEbus International Trade Association (VITA))****Revisions**

BSR/VITA 57.1-200x, FPGA Mezzanine Card (FMC) Standard (revision of ANSI/VITA 57.1-2008)

Describes FMC IO modules and introduces an electro-mechanical standard that creates a low-overhead protocol bridge between the front panel IO, on the mezzanine module, and an FPGA processing device on the carrier card, which accepts the mezzanine module.

Single copy price: Free

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

Send comments (with copy to BSR) to: John Rynearson, (480) 837-7486, [techdir@vita.com](mailto:techdir@vita.com)

**Comment Deadline: July 21, 2009**

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

**AGMA (American Gear Manufacturers Association)****Revisions**

BSR/AGMA 2003-200x, Rating the Pitting Resistance and Bending Strength of Generated Straight Bevel, Zerol Bevel and Spiral Bevel Gear Teeth (revision of ANSI/AGMA 2003-B97 (R2003))

Presents a method for rating the pitting resistance and bending strength of bevel gear elements. Includes a detailed discussion of factors influencing gear survival, and calculation methods.

Single copy price: \$138.00

Order from: Charles Fischer, (703) 684-0211, [fischer@agma.org](mailto:fischer@agma.org)

Send comments (with copy to BSR) to: Same

**ASSE (American Society of Sanitary Engineering)****Revisions**

BSR/ASSE 1012-200x, Performance Requirements for Backflow Preventer with Intermediate Atmospheric Vent (revision of ANSI/ASSE 1012-2002)

Backflow Preventers with Intermediate Atmospheric Vent are installed in the plumbing system to prevent backflow into potable water lines due to the creation of back pressure or backsiphonage.

Single copy price: \$45.00

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

Order from: Elaine Matheison, (440) 835-3040, [elaine@asse-plumbing.org](mailto:elaine@asse-plumbing.org)

Send comments (with copy to BSR) to: Steve Hazzard, (440) 835-3040, [steve@asse-plumbing.org](mailto:steve@asse-plumbing.org)

**ASSE (ASC A10) (American Society of Safety Engineers)****Revisions**

BSR/ASSE A10.32-200x, Personal Fall Protection Used in Construction Operations (revision of ANSI ASSE A10.32-2004)

Establishes performance criteria for personal fall protection equipment and systems in construction and demolition and provides guidelines, recommendations for their use and inspection. This standard includes, but is not limited to; fall arrest, restraint, positioning, climbing, descending, rescue, escape and training activities.

Single copy price: \$50.00

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

Send comments (with copy to BSR) to: Same

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

Covers:

- (1) Stranded conductors;
- (2) Breaking strength test;
- (3) Temperature rating of conductor material;
- (4) Insulation and jacket materials;
- (5) Editorial revisions;
- (6) Revision of conformance criteria for vertical flame test;
- (7) Drain wire material;
- (8) Binder jacket material;
- (9) Distance between conductors;
- (10) Addition of requirements for metallic messengers;
- (11) Relocation of tests in sections 16, 27, 28, and 29;
- (12) Alternate production line dielectric for Class 3 cables;
- (13) Correct reference for thermocouple types;
- (14) Clarification of physical properties requirements for integral insulation/jacket constructions;
- (15) LS marking;
- (16) Increase in acceptable cable diameter;
- (17) Reference to UL 2556 instead of UL 1581; and
- (18) Crush test criteria.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

# 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:

### **AGMA**

American Gear Manufacturers  
Association  
500 Montgomery Street, Suite 350  
Alexandria, VA 22314-1560  
Phone: (703) 684-0211  
Fax: (703) 684-0242  
Web: [www.agma.org](http://www.agma.org)

### **ANSI**

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

### **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)

### **ASSE (Organization)**

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

### **ASSE (Z590)**

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

### **ASTM**

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

### **AWS**

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

### **comm2000**

1414 Brook Drive  
Downers Grove, IL 60515

### **CSA**

CSA America, Inc.  
8501 E. Pleasant Valley Rd.  
Cleveland, OH 44131  
Phone: (216) 524-4990  
Fax: (216) 520-8979  
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### **Global Engineering Documents**

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### **ISA (Organization)**

ISA-The Instrumentation, Systems,  
and Automation Society  
67 Alexander Drive  
Research Triangle Park, NC  
27709  
Phone: (919) 990-9213  
Fax: (919) 549-8288  
Web: [www.isa.org](http://www.isa.org)

### **RIA**

Robotic Industries Association  
P. O. Box 3724  
900 Victor's Way, Suite 140  
Ann Arbor, MI 48108-5210  
Phone: (734) 994-6088  
Fax: (734) 994-3338  
Web: [www.robotics.org](http://www.robotics.org)

## Send comments to:

### **AGMA**

American Gear Manufacturers  
Association  
500 Montgomery Street, Suite 350  
Alexandria, VA 22314-1560  
Phone: (703) 684-0211  
Fax: (703) 684-0242  
Web: [www.agma.org](http://www.agma.org)

### **ASC X9**

Accredited Standards Committee  
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1212 West Street, Suite 200  
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### **ASSE (Organization)**

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Fax: (440) 835-3488  
Web: [www.asse-plumbing.org](http://www.asse-plumbing.org)

### **ASSE (Z590)**

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

### **ASTM**

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19428-2959  
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Web: [www.astm.org](http://www.astm.org)

### **AWS**

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Miami, FL 33126  
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Fax: (305) 443-5951  
Web: [www.aws.org](http://www.aws.org)

### **CSA**

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8501 E. Pleasant Valley Rd.  
Cleveland, OH 44131  
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Fax: (216) 520-8979  
Web: [www.csa-america.org/](http://www.csa-america.org/)

### **ISA (Organization)**

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and Automation Society  
67 Alexander Drive  
Research Triangle Park, NC  
27709  
Phone: (919) 990-9213  
Fax: (919) 549-8288  
Web: [www.isa.org](http://www.isa.org)

### **ITI (INCITS)**

ITI (INCITS)  
1101 K Street NW, Suite 610  
Washington, DC 20005  
Phone: (202) 626-5741  
Fax: (202) 638-4922  
Web: [www.incits.org](http://www.incits.org)

### **NSF**

NSF International  
789 N. Dixboro Road  
Ann Arbor, MI 48105  
Phone: (734) 827-6819  
Fax: (734) 827-7875  
Web: [www.nsf.org](http://www.nsf.org)

### **RIA**

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Ann Arbor, MI 48108-5210  
Phone: (734) 994-6088  
Fax: (734) 994-3338  
Web: [www.robotics.org](http://www.robotics.org)

### **TIA**

Telecommunications Industry  
Association  
2500 Wilson Blvd., Suite 300  
Arlington, VA 22201  
Phone: (703) 907-7706  
Fax: (703) 907-7727  
Web: [www.tiaonline.org](http://www.tiaonline.org)

### **UL**

Underwriters Laboratories, Inc.  
455 E Trimble Road  
San Jose, CA 95131-1230  
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Fax: (408) 689-6618  
Web: [www.ul.com/](http://www.ul.com/)

### **VITA**

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Fountain Hills, AZ 85269  
Phone: (480) 837-7486  
Fax: (480) 837-7486  
Web: [www.vita.com/](http://www.vita.com/)

# Call for Members (ANS Consensus Bodies)

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

---

## **API (American Petroleum Institute)**

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

*Contact: Roland Goodman*

**Phone:** (202) 682-8571

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

**E-mail:** goodmanr@api.org

BSR/API Specification 19GL1-200x, Side-Pocket Mandrels (new standard)

BSR/API Specification 19GL2-200x, Flow-Control Devices for Side-Pocket Mandrels (new standard)

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

**Office:** 1250 Eye Street, NW, Suite 200  
Washington, DC 20005

*Contact: Serena Patrick*

**Phone:** (202) 626-5741

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

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

BSR INCITS/ISO/IEC 19772-200x, Information technology - Security techniques - Authenticated encryption (identical national adoption of ISO/IEC 19772:2009)

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

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

*Contact: Ronda Coulter*

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

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

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

BSR/TIA 464-C-2002 (R200x), Telecommunicatgions - Multiline Terminal Systems - Requirements for PBX Switching Equipment (reaffirmation of ANSI/TIA 464-C-2002)

BSR/TIA 568-C.2-200x, Balanced Twisted-Pair Telecommunications Cabling and Components Standard (revision and redesignation of ANSI/TIA 568-B.2-2001)



# 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.

## AGMA (American Gear Manufacturers Association)

### *New Standards*

ANSI/AGMA 1104-2009, Tolerance Specification for Shaper Cutters (new standard): 5/14/2009

### *Reaffirmations*

ANSI/AGMA 1006-A97 (R2009), Tooth Proportions for Plastic Gears (reaffirmation of ANSI/AGMA 1006-A97 (R2003)): 5/14/2009

## ASA (ASC S3) (Acoustical Society of America)

### *Revisions*

ANSI/ASA S3.2-2009, Method for Measuring the Intelligibility of Speech over Communication Systems (revision and redesignation of ANSI S3.2-1989 (R1999)): 5/13/2009

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

### *Withdrawals*

ANSI/ASAE S385.5-APR93, Combine Harvester Tire Loading and Inflation Pressures (withdrawal of ANSI/ASAE S385.5-APR93 (RAPR2003)): 5/13/2009

ANSI/ASAE S430.1-FEB96, Agricultural Equipment Tire Loading and Inflation Pressures (withdrawal of ANSI/ASAE S430.1-FEB96 (RAPR2003)): 5/13/2009

## ASME (American Society of Mechanical Engineers)

### *Withdrawals*

ANSI/ASME B18.15M-1998, Metric Lifting Eyes (withdrawal of ANSI/ASME B18.15M-1998 (R2004)): 5/13/2009

## ASSE (American Society of Sanitary Engineering)

### *New Standards*

ANSI/ASSE 1002-2009, Performance Requirements for Anti-Siphon Fill Valves for Water Closet Tanks (new standard): 5/13/2009

## ASTM (ASTM International)

### *Revisions*

ANSI/ASTM F412-2009, Terminology Relating to Plastic Piping Systems (revision of ANSI/ASTM F412-2007): 5/1/2009

## HI (Hydraulic Institute)

### *Revisions*

ANSI/HI 9.6.4-2009, Rotodynamic Pumps for Vibration Measurements and Allowable Values (revision of ANSI/HI 9.6.4-2000): 5/13/2009

## IEEE (Institute of Electrical and Electronics Engineers)

### *New Standards*

ANSI/IEEE C37.12-2008, Guide for Specifications of High Voltage Circuit Breakers (Over 1000 Volts) (new standard): 5/14/2009

### *Reaffirmations*

ANSI/IEEE 1515-2000 (R2008), Recommended Practice for Electronic Power Subsystems: Parameter Definitions, Test Conditions, and Test Methods (reaffirmation of ANSI/IEEE 1515-2000): 5/14/2009

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

### *Reaffirmations*

ANSI C136.12-2004 (R2009), Roadway and Area Lighting Equipment - Mercury Lamps - Guide for Selection (reaffirmation of ANSI C136.12-2004): 5/13/2009

## NSF (NSF International)

### *Revisions*

ANSI/NSF 18-2009 (i11), Food Equipment - Manual food and beverage (revision of ANSI/NSF 18-2007): 5/11/2009

ANSI/NSF 42-2009 (i66), Drinking Water Treatment Units - Aesthetic effects (revision of ANSI/NSF 42-2008): 5/5/2009

ANSI/NSF 53-2009 (i74), Drinking Water Treatment Units - Health effects (revision of ANSI/NSF 53-2008): 5/5/2009

## SCTE (Society of Cable Telecommunications Engineers)

### *New Standards*

ANSI/SCTE 158-2009, Recommended Environmental Condition Ranges for Broadband Communications Equipment (new standard): 5/13/2009

## TIA (Telecommunications Industry Association)

### *Revisions*

ANSI/TIA 102.BAAC-B-2009, Common Air Interface Reserved Values (revision of ANSI/TIA 102.BAAC-A-2003): 5/8/2009

## UL (Underwriters Laboratories, Inc.)

### *New Standards*

ANSI/UL 1618-2009, Standard for Safety for Wall Protectors, Floor Protectors, and Hearth Extensions (new standard): 5/11/2009

### *Revisions*

ANSI/UL 1023-2009, Standard for Household Burglar-Alarm System Units (revision of ANSI/UL 1023-2004): 5/11/2009

ANSI/UL 2239-2009, Standard for Hardware for the Support of Conduit, Tubing, and Cable (revision of ANSI/UL 2239-2004): 5/8/2009

## Corrections

### **Correction to Approval Date**

#### **ANSI/ASTM D2513-2009**

In the Final Actions section of the May 15, 2009 issue of Standards Action, the Specification for Thermoplastic Gas Pressure Pipe, Tubing, and Fittings, ANSI/ASTM D2513-2009, was listed with an incorrect approval date. The correct approval date for this standard is 5/1/2009.

### **Correction to Status**

#### **ANSI/ASME Y14.8-2009**

In the Final Actions section of the April 17, 2009 issue of Standards Action, ANSI/ASME Y14.8-2009 was listed as a revision and redesignation of ANSI/ASME Y14.8-1996 (R2002). However, the last reaffirmation for this standard was in 2008. The status of the standard should be (revision and redesignation of ANSI/ASME Y14.8-1996 (R2008)).

# 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.

## ADA (American Dental Association)

**Office:** 211 East Chicago Avenue  
Chicago, IL 60611-2678

**Contact:** Sharon Stanford

**Fax:** (312) 440-2529

**E-mail:** stanfords@ada.org

BSR/ADA Specification No. 48-2-200x, LED Curing Lights (identical national adoption of ISO 10650-2:2007)

Stakeholders: Dental professionals and their patients.

Project Need: To provide requirements for LED curing lights that will ensure the efficacy and safety of the units for the protection of dental professionals and their patients.

Details requirements and test methods for powered polymerization activators with light-emitting diodes (LED) in the blue wavelength region intended for chair-side use in polymerization of dental polymer-based restorative materials.

## AGRSS (ASC AGRSS) (Automotive Glass Replacement Safety Standards Committee, Inc.)

**Office:** c/o CM Services  
800 Roosevelt Road, Bldg. C, Suite 20  
Glen Ellyn, IL 60187

**Contact:** Rick Church

**Fax:** (630) 790-3095

**E-mail:** rickc@cmservnet.com

BSR/AGRSS 003-200x, Automotive Glass Replacement Safety Standard (revision and redesignation of ANSI/AGRSS 002-2002)

Stakeholders: Automotive glass installation shops, automotive glass manufacturers, related product manufacturers.

Project Need: To update certain aspects of the existing automotive glass replacement safety standard.

Develop and publish nationally recognized automotive glass replacement safety standards addressing procedures, education and product performance.

## AIHA (ASC Z9) (American Industrial Hygiene Association)

**Office:** 2700 Prosperity Avenue Suite 250  
Fairfax, VA 22031

**Contact:** Mili Mavely

**Fax:** (703) 207-8558

**E-mail:** mmavely@aiha.org

BSR AIHA Z9.10-200x, Fundamentals Governing the Design and Operation of Dilution Ventilation Systems in Industrial Occupancies (revision of ANSI/AIHA Z9.10-2007)

Stakeholders: All employees and employers (industry, users, labor, consumers).

Project Need: To provide dilution ventilation for every employee and employer.

Establishes minimum requirements for the commissioning, design, specification, construction, installation, management, operation, maintenance and testing of dilution ventilation systems (including demand dilution ventilation) used for the reduction, prevention and control of employee exposure to harmful airborne substances in the industrial environment. The Standard establishes minimum requirements to provide safe and healthful working conditions in industrial employee occupancies.

## ANS (American Nuclear Society)

**Office:** 555 North Kensington Avenue  
La Grange Park, IL 60525

**Contact:** Patricia Schroeder

**Fax:** (708) 352-6464

**E-mail:** pschroeder@ans.org

BSR/ANS 15.2-200x, Quality Control for Plate-Type Uranium-Aluminum Fuel Elements (revision of ANSI/ANS 15.2-1999 (R2009))

Stakeholders: Owner/Operators, users, manufacturers and industry.

Project Need: To reflect changes that have occurred in quality control for plate-type uranium-aluminum fuel elements

Sets forth general requirements for the establishment and execution of a program designed to verify that the quality of plate-type uranium-aluminum fuel elements being purchased for research reactors conforms to the requirements of the contract and applicable technical documents, including specifications, standards, and drawings.

**API (American Petroleum Institute)**

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

**Contact:** *Roland Goodman*

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

**E-mail:** goodmanr@api.org

BSR/API Specification 19GL1-200x, Side-Pocket Mandrels (new standard)

Stakeholders: Petroleum equipment manufacturers and purchasers.

Project Need: To provide design specifications for side-pocket mandrels used the petroleum industry.

Provides requirements for side-pocket mandrels used in the petroleum and natural gas industry. This specification includes specifying, selecting, designing, manufacturing, quality control, testing, and preparation for shipping of side-pocket mandrels.

BSR/API Specification 19GL2-200x, Flow-Control Devices for Side-Pocket Mandrels (new standard)

Stakeholders: Petroleum equipment manufacturers and purchasers.

Project Need: To provide design specifications for flow-control devices for side-pocket mandrels used the petroleum industry.

Provides requirements for subsurface flow-control devices used in side-pocket mandrels intended for use in the worldwide petroleum and natural gas industry. This includes requirements for specifying, selecting, designing, manufacturing, quality-control, testing and preparation for shipping of flow-control devices. Additionally, This standard includes information regarding performance testing and calibration procedures.

**DASMA (Door and Access Systems Manufacturers Association)**

**Office:** 1300 Sumner Avenue  
Cleveland, OH 44115-2851

**Contact:** *Christopher Johnson*

**Fax:** (216) 241-0105

**E-mail:** cjohnson@thomasamc.com; jboyle@thomasamc.com

BSR/DASMA 208-200x, Standard for Rolling Grilles (new standard)

Stakeholders: Producers, users, and general interest.

Project Need: To create a new standard.

Defines minimum design and performance specifications for rolling grilles in commercial and industrial applications, consisting of assembled, interlinked rods of steel, stainless steel, or aluminum.

BSR/DASMA 303-200x, Performance Criteria for Accessible Communications Entry Systems (revision of ANSI/DASMA 303-2006)

Stakeholders: Producers, users, and general interest.

Project Need: To revise the current standard.

Defines general requirements and performance-based criteria for evaluating accessible communications entry systems and is intended to cover accessible communications entry systems generally used for public pedestrian access to controlled entry buildings for intercom or assistance purposes. This standard is not intended to cover communications entry systems generally used for emergency access.

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

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

**Contact:** *Karl Ruling*

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

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

BSR E1.24-200x, Entertainment Technology - Dimensional Requirements for Stage Pin Connectors (revision of ANSI E1.24-2006)

Stakeholders: Manufacturers, users, and vendors of stage pin connectors.

Project Need: To correct an error in the published standard.

Specifies the dimensional requirements for multi-pole, split-pin, and sleeve wiring devices used in theatres, television studios, and motion picture studios to ensure that connectors made by different manufacturers can intermate efficaciously. These multi-pole, split-pin, and sleeve wiring devices are known colloquially as "pin connectors," "stage pin connectors," and "Bates connectors."

**IPC (IPC - Association Connecting Electronics Industries)**

**Office:** 3000 Lakeside Drive Suite 309-S  
Bannockburn, IL 60015

**Contact:** *Jeanne Cooney*

**Fax:** (847) 509-9798

**E-mail:** JeanneCooney@ipc.org

BSR/IPC/JEDEC J-STD-609 Am. 1-200x, Marking and Labeling of Components, PCBs and PCBAs to Identify Lead (Pb), Lead-Free (Pb-Free) and Other Attributes (supplement to ANSI/IPC/JEDEC J-STD-609-2008)

Stakeholders: Electronics manufacturing industry.

Project Need: To amend the current standard to include clarification on e-code use.

Provides a marking and labeling system that aids in assembly, rework, repair and recycling, and provides for the identification of: those assemblies that are assembled with Pb-containing or Pb-free solder.

**NSF (NSF International)**

**Office:** 789 Dixboro Road  
Ann Arbor, MI 48105

**Contact:** *Adrienne O'Day*

**Fax:** (734) 827-7880

**E-mail:** oday@nsf.org

BSR/NSF 361-200x, Drinking Water System Components - Lead Content (new standard)

Stakeholders: Manufacturers of drinking water products, federal and state regulators, water utilities, laboratories, and users.

Project Need: To establish a uniform set of procedures that can be used for the determination of the lead content of products, materials, and components that convey or dispense water for human consumption through drinking or cooking.

Determines the lead content of any product, material or component that conveys or dispenses water for human consumption through drinking or cooking. To facilitate a uniform application of this standard, a recommendation for product coverage will be targeted for inclusion as an informative annex. Included will be a procedure for determining the lead content, based on a weighted average basis, for multi-material products or components

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

**Office:** 140 Philips Road  
Exton, PA 19341

**Contact:** Rebecca Quartapella

**Fax:** (610) 363-5898

**E-mail:** rquartapella@scte.org

BSR/SCTE 37-200x, Hybrid Fiber/Coax Outside Plant Status Monitoring SCTE-HMS-ROOTS Management Information Base (MIB) Definition (revision of ANSI/SCTE 37-2008)  
Stakeholders: Cable telecommunications industry.  
Project Need: To update the current standard to reflect current technology.

Provides the branch object identifiers for each of the MIBs within the SCTE HMS Tree.

BSR/SCTE 77-200x, Specification for Underground Enclosure Integrity (revision of ANSI/SCTE 77-2007)  
Stakeholders: Cable telecommunications industry.  
Project Need: To update the current standard to reflect current technology.

Covers conformance tests and requirements for the integrity of grade-level enclosures containing telecommunication or other low-voltage apparatus that may be exposed to the public.

BSR/SCTE 85-3-200x, HMS Inside Plant Management Information Base (MIB) SCTE-HMS-HE-OPTICAL-AMPLIFIER-MIB (revision of ANSI/SCTE 85-3-2004)  
Stakeholders: Cable telecommunications industry.  
Project Need: To update the current standard to reflect current technology.

Provides MIB definitions for HMS optical amplifiers present in the headend (or indoor) and supported by a SNMP agent.

## American National Standards Maintained Under Continuous Maintenance

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

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

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

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

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

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

# ISO and IEC Draft International Standards



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

## Comments

Comments regarding ISO documents should be sent to Henrietta Scully at ANSI's New York offices, those regarding IEC documents to Charles T. Zegers, also at ANSI New York offices. The final date for offering comments is listed after each draft.

## Ordering Instructions

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

## ISO Standards

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

- ISO/DIS 12180-1, Geometrical product specifications (GPS) - Cylindricity - Part 1: Vocabulary and parameters of cylindrical form - 8/15/2009, \$71.00
- ISO/DIS 12180-2, Geometrical product specifications (GPS) - Cylindricity - Part 2: Specification operators - 8/15/2009, \$58.00
- ISO/DIS 12181-1, Geometrical product specifications (GPS) - Roundness - Part 1: Vocabulary and parameters of roundness - 8/15/2009, \$58.00
- ISO/DIS 12181-2, Geometrical product specifications (GPS) - Roundness - Part 2: Specification operators - 8/15/2009, \$53.00
- ISO/DIS 12780-1, Geometrical product specifications (GPS) - Straightness - Part 1: Vocabulary and parameters of straightness - 8/15/2009, \$58.00
- ISO/DIS 12780-2, Geometrical product specifications (GPS) - Straightness - Part 2: Specification operators - 8/15/2009, \$46.00
- ISO/DIS 12781-1, Geometrical product specifications (GPS) - Flatness - Part 1: Vocabulary and parameters of flatness - 8/15/2009, \$58.00
- ISO/DIS 12781-2, Geometrical product specifications (GPS) - Flatness - Part 2: Specification operators - 8/15/2009, \$62.00
- ISO/DIS 14253-3, Geometrical product specifications (GPS) - Inspection by measurement of workpieces and measuring equipment - Part 3: Guidelines for achieving agreements on measurement uncertainty statements - 8/15/2009, \$62.00
- ISO/DIS 14253-2, Geometrical product specifications (GPS) - Inspection by measurement of workpieces and measuring equipment - Part 2: Guidance for the estimation of uncertainty in GPS measurement, in calibration of measuring equipment and in product verification - 8/15/2009, \$146.00
- ISO/DIS 15530-3, Geometrical product specifications (GPS) - Coordinate measuring machines (CMM): Technique for determining the uncertainty of measurement - Part 3: Use of calibrated workpieces or standards - 8/15/2009, \$67.00
- ISO/DIS 17450-1, Geometrical product specifications (GPS) - General concepts - Part 1: Model for geometrical specification and verification - 8/15/2009, \$119.00
- ISO/DIS 17450-2, Geometrical product specifications (GPS) - General concepts - Part 2: Basic tenets, specifications, operators and uncertainties - 8/15/2009, \$71.00

### **EARTH-MOVING MACHINERY (TC 127)**

ISO/DIS 15817, Earth-moving machinery - Safety requirements for remote operator control systems - 8/16/2009, \$46.00

### **ELEVATING WORK PLATFORMS (TC 214)**

ISO/DIS 16653-3, Mobile elevating work platforms - Design, calculations, safety requirements and test methods relative to special features - Part 3: MEWPs for orchard operations - 8/16/2009, \$40.00

### **INDUSTRIAL TRUCKS (TC 110)**

ISO/DIS 22915-14, Industrial trucks - Verification of stability - Part 14: Rough-terrain variable reach trucks - 3/11/2009, \$46.00

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

ISO/DIS 13679, Petroleum and natural gas industries - Procedures for testing casing and tubing connections - 8/15/2009, \$185.00

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

- ISO/DIS 10619-2, Rubber and plastics hoses and tubing - Measurement of flexibility and stiffness - Part 2: Bending tests at sub-ambient temperatures - 8/15/2009, \$53.00
- ISO/DIS 10619-1, Rubber and plastics hoses and tubing - Measurement of flexibility and stiffness - Part 1: Bending tests at ambient temperature - 8/15/2009, \$53.00
- ISO/DIS 10619-3, Rubber and plastics hoses and tubing - Measurement of flexibility and stiffness - Part 3: Bending tests at high and low temperatures - 8/15/2009, \$33.00

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

ISO/DIS 22868, Forestry and garden machinery - Noise test code for portable hand-held machines with internal combustion engine - Engineering method (Grade 2 accuracy) - 8/15/2009, \$98.00

### **WELDING AND ALLIED PROCESSES (TC 44)**

ISO/DIS 24034, Welding consumables - Solid wires and rods for fusion welding of titanium and titanium alloys - Classification - 8/15/2009, \$53.00

## IEC Standards

- 3/947/FDIS, IEC 81346-1 Ed.1: Industrial systems, installations and equipment and industrial products - Structuring principles and reference designations - Part 1: Basic rules - Proposed as horizontal standard, 07/17/2009
- 3D/169/FDIS, IEC 61360-1 Ed.3: Standard data elements types with associated classification scheme for electric items - Part 1: Definitions - Principles and methods, 07/17/2009
- 20/1057/FDIS, IEC 60800 Ed. 3.0: Heating cables with a rated voltage of 300/500 V for comfort heating and prevention of ice formation, 07/17/2009
- 34A/1341/FDIS, IEC 60064 A5 Ed.6: Tungsten filament lamps for domestic and similar general lighting purposes - Performance requirements, 07/17/2009
- 62D/773/FDIS, IEC 60601-2-41 Ed. 2: Medical electrical equipment - Part 2-41: Particular requirements for basic safety and essential performance of surgical luminaires and luminaires for diagnosis, 07/17/2009
- 86B/2863/FDIS, IEC 61753-081-2 Ed. 1.0: Fibre optic interconnecting devices and passive components performance standard - Part 081-2: Non-connectorized single-mode fibre optic middle-scale 1xN DWDM devices for category C - Controlled environments, 07/17/2009
- 3/945/FDIS, IEC 81346-2 Ed.1: Industrial systems, installations and equipment and industrial products - Structuring principles and reference designations - Part 1: Classification of objects and codes for classes - Proposed as horizontal standard, 07/10/2009
- 23F/188/FDIS, IEC 61210 Ed.2: Connecting devices - Flat quick-connect terminations for electrical copper conductors - Safety requirements, 07/10/2009
- 23J/325/FDIS, IEC 61020-1 Ed.2: Electromechanical switches for use in electrical and electronic equipment - Part 1: Generic specification, 07/10/2009
- 29/683/FDIS, IEC 60318-1 Ed.2: Electroacoustics - Simulators of human head and ear - Part 1: Ear simulator for the measurement of supra-aural and circumaural earphones, 07/10/2009
- 65E/134/FDIS, IEC 61987-10: Industrial-process measurement and control - Data structures and elements in process equipment catalogues - Part 10: Lists of Properties (LOPs) for Industrial-Process Measurement and Control for Electronic Data Exchange - Fundamentals, 07/10/2009
- 86C/886/FDIS, IEC 62149-2 Ed. 1.0: Fibre optic active components and devices - Performance standards - Part 2: 850 nm discrete vertical cavity surface emitting laser devices, 07/10/2009
- 110/181/FDIS, IEC 61988-3-2 Ed 1.0: Plasma display panels - Part 3-2: Interface - Electrical interface, 07/10/2009
- 110/182/FDIS, IEC 61988-5, Ed. 1: Plasma display panels - Part 5: Generic specification, 07/10/2009
- 1/2086/FDIS, IEC 60050-447 Ed.1: International Electrotechnical Vocabulary - Part 447: Measuring relays, 07/03/2009
- 45A/749/FDIS, IEC 60965 Ed.2: Nuclear Power Plants - Control rooms - Supplementary control points for reactor shutdown without access to the main control room, 07/03/2009
- 110/180/FDIS, IEC 61988-2-3 Ed 1: Plasma display panels - Part 2-3: Measuring methods - Image quality: defects and degradation, 07/03/2009
- 116/17/FDIS, IEC 60745-2-13-A1 Ed 2.0: Hand-held motor-operated electric tools - Safety - Part 2-13: Particular requirements for chain saws, 07/03/2009



# Newly Published ISO and IEC Standards

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

## ISO Standards

### AGRICULTURAL FOOD PRODUCTS (TC 34)

[ISO 22959:2009](#), Animal and vegetable fats and oils - Determination of polycyclic aromatic hydrocarbons by on-line donor-acceptor complex chromatography and HPLC with fluorescence detection, \$104.00

### AIR QUALITY (TC 146)

[ISO 16000-14:2009](#), Indoor air - Part 14: Determination of total (gas and particle-phase) polychlorinated dioxin-like biphenyls (PCBs) and polychlorinated dibenzo-p-dioxins/dibenzofurans (PCDDs/PCDFs) - Extraction, clean-up and analysis by high-resolution gas chromatography and mass spectrometry, \$157.00

### AIRCRAFT AND SPACE VEHICLES (TC 20)

[ISO 15887/Cor1:2009](#), Space data and information transfer systems - Data systems - Lossless data compression - Corrigendum, FREE

### ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

[ISO 11712:2009](#), Anaesthetic and respiratory equipment - Supralaryngeal airways and connectors, \$116.00

### BUILDING ENVIRONMENT DESIGN (TC 205)

[ISO 16484-5/Amd1:2009](#), Building automation and control systems - Part 5: Data communication protocol - Amendment 1, \$193.00

### DENTISTRY (TC 106)

[ISO 7711-1/Amd1:2009](#), Dental rotary instruments - Diamond instruments - Part 1: Dimensions, requirements, marking and packaging - Amendment 1, \$16.00

### EARTH-MOVING MACHINERY (TC 127)

[ISO 6394/Cor1:2009](#), Acoustics - Measurement of airborne noise emitted by earth-moving machinery - Operators position Stationary test condition - Corrigendum, FREE

[ISO 6396/Cor1:2009](#), Acoustics - Measurement at the operators position of noise emitted by earth-moving machinery - Dynamic test conditions - Corrigendum, FREE

### GEOTECHNICS (TC 182)

[ISO 22476-12:2009](#), Geotechnical investigation and testing - Field testing - Part 12: Mechanical cone penetration test (CPTM), \$104.00

### INFORMATION AND DOCUMENTATION (TC 46)

[ISO 8459:2009](#), Information and documentation - Bibliographic data element directory for use in data exchange and enquiry, \$220.00

[ISO 28500:2009](#), Information and documentation - WARC file format, \$116.00

### MECHANICAL TESTING OF METALS (TC 164)

[ISO 27306:2009](#), Metallic materials - Method of constraint loss correction of CTOD fracture toughness for fracture assessment of steel components, \$157.00

### OTHER

[ISO 11643:2009](#), Leather - Tests for colour fastness - Colour fastness of small samples to solvents, \$49.00

[ISO 11644:2009](#), Leather - Test for adhesion of finish, \$73.00

### PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

[ISO 2023/Cor1:2001](#), Lined industrial rubber footwear - Corrigendum, FREE

### QUANTITIES, UNITS, SYMBOLS, CONVERSION FACTORS (TC 12)

[ISO 80000-12:2009](#), Quantities and units - Part 12: Solid state physics, \$116.00

### SAFETY OF MACHINERY (TC 199)

[ISO 12100-1/Amd1:2009](#), Safety of machinery - Basic concepts, general principles for design - Part 1: Basic terminology, methodology - Amendment 1, \$16.00

[ISO 12100-2/Amd1:2009](#), Safety of machinery - Basic concepts, general principles for design - Part 2: Technical principles - Amendment 1, \$16.00

### SIEVES, SIEVING AND OTHER SIZING METHODS (TC 24)

[ISO 15900:2009](#), Determination of particle size distribution - Differential electrical mobility analysis for aerosol particles, \$157.00

### SMALL TOOLS (TC 29)

[ISO 4229:2009](#), Assembly tools for screws and nuts - Single-head engineers wrenches for lower torque applications - Maximum outside dimensions of heads and test torques, \$49.00

### TEXTILES (TC 38)

[ISO 105-F02:2009](#), Textiles - Tests for colour fastness - Part F02: Specification for cotton and viscose adjacent fabrics, \$43.00

[ISO 105-F09:2009](#), Textiles - Tests for colour fastness - Part F09: Specification for cotton rubbing cloth, \$43.00

[ISO 7768:2009](#), Textiles - Test method for assessing the smoothness appearance of fabrics after cleansing, \$86.00

[ISO 7769:2009](#), Textiles - Test method for assessing the appearance of creases in fabrics after cleansing, \$80.00

[ISO 7770:2009](#), Textiles - Test method for assessing the smoothness appearance of seams in fabrics after cleansing, \$110.00

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

[ISO 6814:2009](#), Machinery for forestry - Mobile and self-propelled machinery - Terms, definitions and classification, \$57.00

### WELDING AND ALLIED PROCESSES (TC 44)

[ISO 5171:2009](#), Gas welding equipment - Pressure gauges used in welding, cutting and allied processes, \$80.00



[ISO 15609-4:2009](#), Specification and qualification of welding procedures for metallic materials - Welding procedure specification - Part 4: Laser beam welding, \$80.00

## ISO Technical Reports

### INFORMATION AND DOCUMENTATION (TC 46)

[ISO/TR 26122/Cor1:2009](#), Information and documentation - Work process analysis for records - Corrigendum, FREE

### ISO/IEC JTC 1, Information Technology

[ISO/IEC 14496-10:2009](#), Information technology - Coding of audio-visual objects - Part 10: Advanced Video Coding, \$292.00

[ISO/IEC 24761:2009](#), Information technology - Security techniques - Authentication context for biometrics, \$149.00

## IEC Standards

### AUDIO, VIDEO AND MULTIMEDIA SYSTEMS AND EQUIPMENT (TC 100)

[IEC 62365 Ed. 2.0 en:2009](#), Digital audio - Digital input-output interfacing - Transmission of digital audio over asynchronous transfer mode (ATM) networks, \$128.00

### BARE ALUMINIUM CONDUCTORS (TC 7)

[IEC 62420 Ed. 1.0 b:2008](#), Concentric lay stranded overhead electrical conductors containing one or more gap(s), \$128.00

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

[IEC 61156-3-1 Ed. 3.0 en:2009](#), Multicore and symmetrical pair/quad cables for digital communications - Part 3-1: Work area wiring - Blank detail specification, \$56.00

[IEC 61156-4 Ed. 3.0 en:2009](#), Multicore and symmetrical pair/quad cables for digital communications - Part 4: Riser cables - Sectional specification, \$77.00

[IEC 61156-4-1 Ed. 3.0 en:2009](#), Multicore and symmetrical pair/quad cables for digital communications - Part 4-1: Riser cables - Blank detail specification, \$61.00

[IEC 61156-5 Ed. 2.0 en Cor.1:2009](#), Corrigendum 1 - Multicore and symmetrical pair/quad cables for digital communications - Part 5: Symmetrical pair/quad cables with transmission characteristics up to 1 000 MHz-horizontal floor wiring - Sectional specification, \$0.00

[IEC 61156-8 Ed. 1.0 en:2009](#), Multicore and symmetrical pair/quad cables for digital communications - Part 8: Symmetrical pair/quad cables with transmission characteristics up to 1 200 MHz - Work area wiring - Sectional specification, \$87.00

[IEC 61935-2-20 Ed. 1.0 b:2008](#), Testing of balanced communication cabling in accordance with ISO/IEC 11801 - Part 2-20: Patch cords and work area cords - Blank detail specification for class D applications, \$56.00

[IEC 62153-4-10 Ed. 1.0 en:2009](#), Metallic communication cable test methods - Part 4-10: Electromagnetic compatibility (EMC) - Shielded screening attenuation test method for measuring the screening effectiveness of feed-throughs and electromagnetic gaskets double coaxial method, \$107.00

### CAPACITORS AND RESISTORS FOR ELECTRONIC EQUIPMENT (TC 40)

[IEC 60286-3-1 Ed. 1.0 en:2009](#), Packaging of components for automatic handling - Part 3-1: Packaging of surface mount components on continuous tapes - Type V - Pressed carrier tapes, \$61.00

[IEC 60286-3-2 Ed. 1.0 en:2009](#), Packaging of components for automatic handling - Part 3-2: Packaging of surface mount components on continuous tapes - Type VI - Blister carrier tapes of 4 mm width, \$51.00

### ELECTRICAL APPARATUS FOR EXPLOSIVE ATMOSPHERES (TC 31)

[IEC 60079-18 Ed. 3.0 b:2009](#), Explosive atmospheres - Part 18: Equipment protection by encapsulation "m", \$143.00

### ELECTROMAGNETIC COMPATIBILITY (TC 77)

[IEC 61000-4-13 Amd.1 Ed. 1.0 b:2009](#), Amendment 1 - Electromagnetic compatibility (EMC) - Part 4-13: Testing and measurement techniques - Harmonics and interharmonics including mains signalling at a.c. power port, low frequency immunity tests, \$36.00

[IEC 61000-4-14 Amd.2 Ed. 1.0 b:2009](#), Amendment 2 - Electromagnetic compatibility (EMC) - Part 4-14: Testing and measurement techniques - Voltage fluctuation immunity test for equipment with input current not exceeding 16 A per phase, \$26.00

[IEC 61000-4-34 Amd.1 Ed. 1.0 b:2009](#), Amendment 1 - Electromagnetic compatibility (EMC) - Part 4-34: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests for equipment with mains current more than 16 A per phase, \$46.00

### EVALUATION AND QUALIFICATION OF ELECTRICAL INSULATING MATERIALS AND SYSTEMS (TC 112)

[IEC 61857-21 Ed. 3.0 b:2009](#), Electrical insulation systems - Procedures for thermal evaluation - Part 21: Specific requirements for general-purpose models - Wire-wound applications, \$77.00

### FIBRE OPTICS (TC 86)

[IEC 61300-2-34 Ed. 2.0 en:2009](#), Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-34: Tests - Resistance to solvents and contaminating fluids of interconnecting components and closures, \$46.00

### FLAT PANEL DISPLAY DEVICES (TC 110)

[IEC 62341-6-1 Ed. 1.0 b:2009](#), Organic light emitting diode (OLED) displays - Part 6-1: Measuring methods of optical and electro-optical parameters, \$128.00

### INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

[IEC 60534-2-4 Ed. 2.0 b:2009](#), Industrial-process control valves - Part 2-4: Flow capacity - Inherent flow characteristics and rangeability, \$51.00

### POWER TRANSFORMERS (TC 14)

[IEC 60076-SER Ed. 1.0 b:2009](#), Power transformers - ALL PARTS, \$2258.00

### SAFETY OF HAND-HELD MOTOR-OPERATED ELECTRIC TOOLS (TC 116)

[IEC 60745-2-15 Amd.1 Ed. 2.0 b:2009](#), Amendment 1 - Hand-held motor-operated electric tools - Safety - Part 2-15: Particular requirements for hedge trimmers, \$21.00

### SOLAR PHOTOVOLTAIC ENERGY SYSTEMS (TC 82)

[IEC 62446 Ed. 1.0 b:2009](#), Grid connected photovoltaic systems - Minimum requirements for system documentation, commissioning tests and inspection, \$117.00

**SWITCHGEAR AND CONTROLGEAR (TC 17)**

[IEC/TR 61912-2 Ed. 1.0 en:2009](#), Low-voltage switchgear and controlgear - Over-current protective devices - Part 2: Selectivity under over-current conditions, \$143.00

**IEC Technical Specifications**

**POWER TRANSFORMERS (TC 14)**

[IEC/TS 60076-14 Ed. 2.0 en:2009](#), Power transformers - Part 14: Design and application of liquid-immersed power transformers using high-temperature insulation materials, \$179.00

**PROCESS MANAGEMENT FOR AVIONICS (TC 107)**

[IEC/TS 62564-1 Ed. 1.0 en:2009](#), Aerospace qualified electronic component (AQEC) - Part 1: Microcircuits, \$97.00

# Registration of Organization Names in the United States

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

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

## PUBLIC REVIEW

Corepoint Health

Public Review: March 11 to June 9, 2009

MLM

Organization: Martin Marietta Materials

Contact: David Jastrow – Sr. Systems Administrator

Address: 2700 Wycliff Road

Raleigh, NC 27607

PHONE: (919) 882-2268

FAX: (919) 882-2208

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

Public Review: April 3 to July 2, 2009

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

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

## Proposed Foreign Government Regulations

### Call for Comment

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

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

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

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

# Information Concerning

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## American National Standards

### INCITS Executive Board

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

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

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

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

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

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

#### ANSI Launches New Pilot Accreditation Program for US EPA WaterSense Standards

The American National Standards Institute (ANSI) is pleased to announce the launch of a new pilot accreditation program for certification bodies that will assess compliance with US EPA standards under the US EPA WaterSense Program.

As is widely known, dramatic increases in population and competing demands continue to tax the supply of available water, and communities in the United States are beginning to face the challenges posed by limited water supply and declining water infrastructure.

The objective of the US EPA WaterSense program will be to help protect the future of our nation's water supply by promoting water efficiency and enhancing the market for water-efficient products, programs, and practices.

This pilot program will focus on accrediting certification bodies in accordance with US EPA requirements.

Certification bodies seeking ANSI accreditation under the new program must demonstrate compliance with:

- ANSI-ACP-CA-001: ANSI Policy and Criteria for Accreditation of Product Certification Programs
- ANSI-ACP-CA-002: ANSI Manual of Operations for Accreditation of Product Certification Programs
- ANSI-ACP-CA-003: ANSI Operating Procedures of the Accreditation Committee
- ISO/IEC Guide 65, General requirements for bodies operating product certification systems
- IAF guidance on the application of ISO/IEC Guide 65
- WaterSense Product Certification System – Version 1 – March 23rd, 2009
- EPA Product and Program Specifications

ANSI will accept applications for the pilot program from May 15th through June 15th, 2009. To learn more about the requirements or to obtain an application, please visit the program webpage or contact Reinaldo Figueiredo ([rfigueir@ansi.org](mailto:rfigueir@ansi.org); 202-331-3611) or Nikki Jackson ([njackson@ansi.org](mailto:njackson@ansi.org); 202-331-3623).

## Tentative Interim Amendments

### ANSI/IAPMO UPC Codes

#### ANSI/IAPMO UPC 1-2006, Uniform Plumbing Code

##### Comment Deadline: Tuesday, May 26, 2009

The following Tentative Interim Amendment to the Uniform Plumbing Code, UPC 1-2006, is available for public review:

TIA UPC 028-06 amends Appendix F

Copies may be obtained from Lynne Simnick, Director of Code Development, IAPMO, 5001 E. Philadelphia, Ontario, CA 91761; Phone: (909) 472-4110; E-mail: [lynne.simnick@iapmo.org](mailto:lynne.simnick@iapmo.org).

#### ANSI/IAPMO UPC 1-2009, Uniform Plumbing Code

##### Comment Deadline: Tuesday, May 26, 2009

The following Tentative Interim Amendment to the Uniform Plumbing Code, UPC 1-2009, is available for public review:

TIA UPC 004-09 amends Appendix F

Copies may be obtained from Lynne Simnick, Director of Code Development, IAPMO, 5001 E. Philadelphia, Ontario, CA 91761; Phone: (909) 472-4110; E-mail: [lynne.simnick@iapmo.org](mailto:lynne.simnick@iapmo.org).

#### ANSI/IAPMO UPC 1-2009, Uniform Plumbing Code

##### Comment Deadline: Tuesday, May 26, 2009

The following Tentative Interim Amendment to the Uniform Plumbing Code, UPC 1-2009, is available for public review:

TIA UPC 005-09 amends Table 6-4

Copies may be obtained from Lynne Simnick, Director of Code Development, IAPMO, 5001 E. Philadelphia, Ontario, CA 91761; Phone: (909) 472-4110; E-mail: [lynne.simnick@iapmo.org](mailto:lynne.simnick@iapmo.org).

## ANSI Accredited Standards Developers

### Administrative Reaccreditations

#### American Brush Manufacturers Association (ABMA)

The American Brush Manufacturers Association (ABMA), a full ANSI organizational member, has been administratively reaccredited at the direction of ANSI's Executive Standards Council, under operating procedures recently revised to bring the document into compliance with the 2009 edition of the ANSI Essential Requirements, effective May 18, 2009. For additional information, please contact: Mr. David Parr, Executive Director, American Brush Manufacturers Association, 2111 Plum Street, Suite 274, Aurora, IL 60506-3268; PHONE: (630) 631-5217; FAX: (630) 897-9140; E-mail: [dparr@abma.org](mailto:dparr@abma.org).

## Compressed Air and Gas Institute (CAGI), Fluid Controls Institute (FCI), and Scaffolding, Shoring and Forming Institute (SSFI)

The Compressed Air and Gas Institute (CAGI); the Fluid Controls Institute (FCI); and the Scaffolding, Shoring and Forming Institute (SSFI), have been administratively reaccredited at the direction of ANSI's Executive Standards Council, under operating procedures revised to bring the documents into compliance with the 2009 version of the ANSI Essential Requirements, effective May 15, 2009. For additional information, please contact: Mr. Christopher Johnson, Thomas Associates, Inc., 1300 Sumner Avenue, Cleveland, OH 44115; PHONE: (216) 241-7333, ext. 3027; E-mail: [cjohnson@thomasamc.com](mailto:cjohnson@thomasamc.com).

## Change in Scope of Accreditation

### International Society of Automation (ISA)

The International Society of Automation (ISA) has advised ANSI of a change in its scope of accreditation as a developer of American National Standards on file at ANSI. ISA's new scope of accreditation is as follows:

To enhance the technology and increase the safety, security, and performance of instrumentation and automation systems through the development and promotion of national and international standards and related documents that are authoritative, unbiased, competent, and widely acceptable.

For additional information, please contact: Charley Robinson, Manager, Industrial Automation Standards, ISA, P.O. Box 12277, 67 Alexander Drive, Research Triangle Park, NC 27709; PHONE: (919) 990-9213; E-mail: [crobinson@ISA.org](mailto:crobinson@ISA.org).

## International Organization for Standardization (ISO)

### Call for International (ISO) Secretariat

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

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

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

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

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

## Proposal for New Work Item

### Guidance for Stakeholder Engagement

#### Comment Deadline: June 26, 2009

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

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

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

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

### Call for Administrator

#### US ISO Technical Advisory Group (TAG) for ISO/TC 21 – Equipment for Fire Protection and Fire Fighting

#### Comment Deadline: June 15, 2009

ANSI has been informed by the National Fire Protection Association (NFPA) that they no longer want to serve as Administrator of the US TAG for ISO TC 21, which includes the following subcommittees:

- SC 2, Manually transportable fire extinguishers
- SC 3, Fire detection and alarm systems
- SC 5, Sprinkler and water spray extinguishing systems
- SC 6, Extinguishing media for fire fighting
- SC 8, Gaseous media fire extinguishing systems

These subcommittees are covered by the scope of ISO/TC 21, as follows:

- Standardization in the field of all fire protection and fire fighting apparatus and equipment including extinguishing media as well as the personal equipment of the fire fighter, and related work on terminology, classification and symbols.
- Approval of advisory documents relating to the general principles and application of equipment and apparatus for fire protection and fire fighting.
- Excluded: protective clothing dealt with by ISO/TC 94.

Any organization wishing to be considered as Administrator of a US TAG for ISO/TC 21 and or any of its subcommittees, please contact Henrietta Scully at ANSI via E-mail: [hscully@ansi.org](mailto:hscully@ansi.org) by June 15th.

## Meeting Notices

### ANSI Accredited Standards Committee Z359 – Fall Arrest/Protection

The next meeting of the ANSI Accredited Standards Committee (ASC) Z359, and its affiliated TAG (TC94/SC4), for Fall Arrest/Protection will take place at the offices of the American Society of Safety Engineers (ASSE) in Des Plaines, Illinois from November 10 – 12, 2009. Z359 Subgroup meetings will take place on the 10th and 11th, with the full committee meeting beginning/tentatively planned to start on the morning of the 12th and finish by 2:30 p.m. on the 12th. Subgroup meetings address a wide variety of issues related to fall arrest/protection. The meeting(s) will run from 8:00 a.m. to 4:00 p.m. except on the 12th, which will start at 7:30 a.m. and conclude no later than 2:30 p.m. There is a strong possibility the subgroup meetings will be held at ASSE with the main meeting held at a nearby hotel in the Rosemont area. If you are interested in attending the meeting or being a member of the Z359 ASC and its subgroups, contact Timothy Fisher; (847) 768-3411, [TFisher@ASSE.org](mailto:TFisher@ASSE.org).

### CRM Engineering Committee

**Sponsor:** CRM Engineering Committee Teleconference Meeting

**Purpose:** Review of Standard 1200-2008 (Performance Rating of Commercial Refrigerated Display Merchandisers and Storage Cabinets)

**Date:** May 28, 2009

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

**Location of Meeting:** Teleconference Call

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

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## NSF/ANSI 50

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

Evaluation criteria for materials, components, products, equipment and systems for use at recreational water facilities

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#### 12 Ozone process equipment

##### 12.1 General

Ozone process equipment covered by this section is intended to provide an antimicrobial oxidizing agent for use in supplemental treatment of circulation systems of public and residential swimming pools and spas/hot tubs. These products are intended for use with appropriate residual levels of disinfecting chemicals. ~~A disinfecting chemical shall be added to impart a measurable residual chemical. The measurable residual chemical shall be easily and accurately measured by a field test kit.~~ Ozone generating equipment shall be capable of producing a quantity of ozone at a level as stated by the manufacturer, at standard conditions of generation and measurement.

***Reason: Harmonize wording between sections 12, 13 and 16. The local public health authority has jurisdiction and authority regarding residual disinfectant levels in commercial recreational water facilities. NSF/ANSI 50 is an equipment standard used to test and certify equipment. While it is appropriate to mention that these products are intended for supplemental treatment with residual levels of disinfectants, it is inappropriate and pointless for this standard to address the specific residual disinfectants and levels that operators should use.***

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#### 13 Ultraviolet light process equipment

##### 13.1 General

Ultraviolet light process equipment covered by this section is intended for use in supplemental treatment of circulation systems of public and residential swimming pools and spas/hot tubs. These products are intended for use with appropriate residual levels of disinfecting chemicals. ~~with hydrogen peroxide, chlorine, or bromine residual chemical. The residual chemical shall be easily and accurately measurable by a field test kit. If a system is used with hydrogen peroxide, a maximum concentration of 35% solution in water shall be continuously fed to maintain a minimum residual of 20 mg/L. Otherwise, these systems shall be used in conjunction with not less than 1 ppm free chlorine or 2 ppm bromine.~~

***Reason: Harmonize wording between sections 12, 13 and 16. The local public health authority has jurisdiction and authority regarding residual disinfectant levels in commercial recreational water facilities. NSF/ANSI 50 is an equipment standard used to test and certify equipment. While it is appropriate to mention that these products are intended for supplemental treatment with residual levels of disinfectants, it is inappropriate and pointless for this standard to address the specific residual disinfectants and levels that operators should use.***

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## 16 Copper/silver and copper ion generators

### 16.1 General

Electrolytic copper/silver and copper ion generation systems are intended for supplemental treatment of water in public and residential pools and spas/hot tubs. ~~These products are intended for use with appropriate residual levels of disinfecting chemicals. These systems shall be used in conjunction with no less than 0.4 ppm free chlorine or 0.8 ppm bromine.~~<sup>4</sup> Copper levels shall be easily and accurately measured by a pool side test kit provided by the manufacturer. Levels of copper/silver should not be imparted into pool or spa water in excess of the USEPA Primary and Secondary National Drinking Water Regulations. The system shall conform to this Standard (see 11).

***Reason: Harmonize wording between sections 12, 13 and 16. The local public health authority has jurisdiction and authority regarding residual disinfectant levels in commercial recreational water facilities. NSF/ANSI 50 is an equipment standard used to test and certify equipment. While it is appropriate to mention that these products are intended for supplemental treatment with residual levels of disinfectants, it is inappropriate and pointless for this standard to address the specific residual disinfectants and levels that operators should use.***

### 16.9 Operation and installation instructions

In addition to the requirements provided in 11.6 of this Standard, caution statements shall be prominently displayed in the operation and installation instructions advising the user of the following:

- materials not compatible with the system;
- the potential of staining of pool materials if the system is not operated properly;
- ~~the importance of maintaining a minimum residual of the free available chlorine or — bromine;~~ ~~statement that the unit is designed for supplemental treatment and should be used intended for use with registered or approved disinfection chemicals to impart required residual concentrations;~~
- a description of the test method available through the manufacturer to measure the silver concentrations in the water;
- the recommended pH range;
- the electrode part number; and
- caution statements that include the possibility of staining and the measures needed to avoid its occurrence.

***Reason: Harmonize wording between sections 12, 13 and 16. The local public health authority has jurisdiction and authority regarding residual disinfectant levels in commercial recreational water facilities. NSF/ANSI 50 is an equipment standard used to test and certify equipment. While it is appropriate to mention that these products are intended for supplemental treatment with residual levels of disinfectants, it is inappropriate and pointless for this standard to address the specific residual disinfectants and levels that operators should use.***

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

## NSF/ANSI Standard for Drinking Water Additives —

### Drinking water system components – Health effects

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#### 4.7.2 ~~Products other than pipe installed at regularly repeating intervals~~

~~For products installed at regularly repeating intervals (e.g., pipes, fittings),~~ The  $SA_F$  shall be calculated from the assumed length of pipe corresponding to the segment of the system in which the product is used (e.g., 100 ft of pipe in the service line or 280 ft of pipe in the residence). The  $V_{F(\text{static})}$  component of the  $N_1$  term shall be the volume of water contained within the assumed length of pipe. For fittings, the actual inner diameter of the pipe used with the fittings shall be used to calculate both  $SA_F$  and  $V_{F(\text{static})}$ . ~~PVC and CPVC transition fittings with copper alloy inserts (except for copper alloy inserts intended for use with PEX tubing) and repair couplings are specifically excluded from this evaluation.~~

#### 4.7.3 ~~Products not installed at regularly repeating intervals~~

~~For PVC and CPVC transition fittings with copper alloy inserts (except for copper alloy inserts intended for use with PEX tubing) and repair couplings,~~ ~~Products not installed at regularly repeating intervals shall be identified through review of the manufacturer's recommended product end use.~~ ~~For products not installed at regularly repeating intervals (e.g., transition fittings, repair couplings, drop ear elbow fittings, and copper stub outs),~~ the  $SA_F$  shall be the wetted surface area of a single product. The  $V_{F(\text{static})}$  component of the  $N_1$  term shall be the volume of water a single product contains when filled to capacity, except that  $V_{F(\text{static})}$  shall equal 1 L (0.26 gal) for all products that contain less than 1 L (0.26 gal) of water when filled to capacity.

*Note: These products shall be evaluated in this manner because the materials (copper alloy or repair coupling material) will not repeat within the piping system. When a material does repeat within the system, it shall be evaluated as a pipe or fitting, as appropriate. PVC and CPVC transition fittings with a copper alloy insert intended for use with PEX tubing are excluded because the remainder of the PEX system may also be plumbed with copper alloy fittings. Thus, the copper alloy material would repeat throughout the PEX system.*

4.7.43 Sample calculations for normalization of products in 4 are provided in table 4.6.

#### 4.7.54 Selection of normalization conditions

Pipe and fitting products with a nominal diameter greater than or equal to 10 cm (4 in) shall be normalized to the flowing condition. Pipe and fitting products with a nominal diameter of less than 10 cm (4 in) shall be normalized to the static condition when the value of  $N_2$  is less than or equal to 0.1. Pipe and fitting products with a nominal diameter of less than 10 cm (4 in) shall be normalized to the flowing condition when the value of  $N_2$  is greater than 0.1.

**4.7.65 Multiple time point exposure calculations**

Laboratory values from each time point at which extractant water was collected (a minimum of five data points shall be required for extrapolation) shall be normalized as indicated in 4.7.1, depending on product end use. A decay curve of these normalized contaminant concentrations in relation to elapsed exposure time shall be plotted. Contaminant concentrations shall be determined for two time points as follows: at Day 1 (representing 14 d of conditioning and 1 d of acute exposure) and at Day 90 (representing 14 d of conditioning, 1 d of acute exposure, and 90 d of chronic exposure) shall be extrapolated from this curve (see 4.5.7).

If direct measurement of a Day 90 exposure has been performed, laboratory values from each time point at which extractant water was collected (a minimum of two time points as defined in 4.5.7.1 and 4.5.7.2) shall be normalized as indicated in 4.7.1, depending on product end use.

**4.8 Evaluation of contaminant concentrations**

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## 1. BSR/UL 5: Correction to Table 15.1, Maximum resistance of individual sections and fittings

### PROPOSAL

**Table 15.1**

**Maximum resistance of individual sections and fittings**

Material	Thickness of metal base and metal cover (when provided) elsewhere than in break-off areas and at points of connection for a wiring system,		Ohms per foot	(Ohms per meter)
	inches	(mm)		
Steel	at least 0.025 and less than 0.036	at least 0.63 and less than 0.91	0.0083	0.0272
	at least 0.036	at least 0.91	0.0035	0.0115
Aluminum	at least 0.035 and less than 0.050	at least 0.89 and less than 1.27	0.0012	0.0039
	at least 0.050	at least 1.27	0.00060	<del>0.00086</del> <u>0.0020</u>

**2. BSR/UL 5B: Correction to Table 14.1, Maximum resistance of individual sections and fittings**

**PROPOSAL**

**Table 14.1**

**Maximum resistance of individual sections and fittings**

<b>Material</b>	<b>Resistance,</b>	
	<b>Ohms/foot</b>	<b>Ohms/meter</b>
Steel	0.0035	0.0115
Aluminum	0.00060	<del>0.00086</del> <u>0.0020</u>

**BSR/UL 1684A-200x****1. Addition of New UL 2515 References****PROPOSAL**

1.1 These requirements are supplementary to the applicable requirements in the Standard for Reinforced Thermosetting Resin Conduit (RTRC) and Fittings, UL 1684, and the Standard for Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings, UL 2515. Products covered by these requirements are for use in the United States only. References to requirements in UL 1684 and UL 2515 are in *italics* for easy identification.

3.2 **Conduit with an integral belled end** - The dimensions of conduit with an integral coupling on one end shall be in accordance with the values specified in Table 3.1. They shall also meet the requirements of *Clause 5.8* and *Tables 1 and 2* of the Standard for Reinforced Thermosetting Resin Conduit (RTRC) and Fittings, UL 1684, and *Clause 5.7* and *Tables 1 - 4* of the Standard for Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings, UL 2515.

3.3 **Couplings** - Couplings shall be straight with belled ends, or 5 degree angle couplings. Dimensions of couplings are shown in Table 3.2. Couplings shall also meet the requirements of *Clause 5.8* in the Standard for Reinforced Thermosetting Resin Conduit (RTRC) and Fittings, UL 1684, and *Clause 5.7* of the Standard for Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings, UL 2515.

5.2 The outer surface of every straight length of conduit, and every elbow and other bend made from and for use with such conduit shall be marked with the following:

Items (a) through (f) are unchanged:

- g) Expansion joints which are not subjected to the test in *Clause 5.8* of the Standard for Reinforced Thermosetting Resin Conduit (RTRC) and Fittings, UL 1684, and *Clause 5.7* of the Standard for Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings, UL 2515, shall be marked "FOR NON WATERTIGHT USAGE".

5.4 The outer surfaces of conduit and elbows, fittings and conduit bodies that are intended for wetting by reagents per *Clause 5.7* in the Standard for Reinforced Thermosetting Resin Conduit (RTRC) and Fittings, UL 1684, and *Clause 5.6* of the Standard for Aboveground Reinforced Thermosetting Resin Conduit (RTRC) and Fittings, UL 2515, shall be marked "RESISTANT TO THE FOLLOWING REAGENTS" (followed by the name of the specific reagents and temperature limitations).