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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: May 17, 2009

### **NEMA (ASC C119) (National Electrical Manufacturers Association)**

#### ***New Standards***

BSR C119.5-200x, Insulation Piercing Connector Systems, rated 600 volts or less (low voltage aerial bundled cables and insulated and non-insulated line wires) (new standard)

Covers insulation piercing connectors used for making electrical connections between insulated, insulated-to-bare, and bare-to-bare conductors rated 600 V or less and 90°C (low voltage aerial bundled cables and bare and insulated line wires) on overhead distribution lines for electric utilities. This standard establishes the electrical, mechanical, and environmental test requirements for electrical insulation piercing connectors. This standard is not intended to recommend operating conditions or temperatures.

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

Send comments (with copy to BSR) to: Vincent Baclawski, (703) 841-3236, vin\_baclawski@nema.org

### **NSF (NSF International)**

#### ***Revisions***

BSR/NSF 61-200x (i83), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2004)

Issue 83 - Sample storage temperatures do not specify an acceptable temperature range. Currently, in Table B10 in NSF 61, the sample storage column specifies 4 C (39 F) for those samples required to be kept cool.

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

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

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

#### ***New Standards***

BSR/UL 1993-200x, Standard for Self-Ballasted Lamps and Lamp Adapters (new standard)

The proposed Third Edition of the Standard for Self-Ballasted Lamps and Lamp Adapters, UL 1993, is being recirculated.

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

Send comments (with copy to BSR) to: Heather Sakellariou, (847) 664-2346, Heather.Sakellariou@us.ul.com

#### ***Revisions***

BSR/UL 136-200x, Standard for Safety for Pressure Cookers (revision of ANSI/UL 136-2006)

Reduces the force used in the Cover Opening Test, Section 9.

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

Send comments (with copy to BSR) to: Barbara Davis, (408) 754-6500, Barbara.J.Davis@us.ul.com

## Comment Deadline: June 1, 2009

### **AIHA (ASC Z88) (American Industrial Hygiene Association)**

#### ***New Standards***

BSR/AIHA Z88.2-200x, Practices for Respiratory Protection (new standard)

Sets forth accepted practices for respirator users; provides information and guidance on the proper selection, use, and care of respirators; and contains requirements for establishing and regulating respirator programs. The standard covers the use of respirators to protect persons against the inhalation of harmful air contaminants and against oxygen-deficient atmospheres in the workplace.

Single copy price: Free

Obtain an electronic copy from: mmavely@aiha.org

Order from: AIHA Customer Service, PHONE: 703-849-8888, FAX: 703-207-3561

Send comments (with copy to BSR) to: Mili Mavely, (703) 846-0794, mmavely@aiha.org

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

#### ***New National Adoptions***

BSR/API Spec 5DP-200x, Specification for drill pipe (identical national adoption of ISO 11961)

Specifies the technical delivery conditions for steel drill-pipes with upset pipe-body ends and weld-on tool joints for use in drilling and production operations in petroleum and natural gas industries for three product specification levels (PSL-1, PSL-2 and PSL-3).

Single copy price: \$25.00

Obtain an electronic copy from: ghaeys@api.org

Order from: Shail Ghaey, (202) 682-8056, ghaeys@api.org

Send comments (with copy to BSR) to: Same

### **ASA (ASC S12) (Acoustical Society of America)**

#### ***Reaffirmations***

BSR/ASA S12.18-1994 (R200x), Procedures for Outdoor Measurement of Sound Pressure Level (reaffirmation and redesignation of ANSI S12.18-1994 (R2004))

Describes two methods for the measurement of sound pressure levels (SPL) in the outdoor environment, considering the effects of the ground, the effects of refraction due to wind and temperature gradients and the effects due to turbulence. This standard focuses on measurement of SPL produced by specific sources outdoors. The measured SPL can be used to calculate SPL at other distances from the source or to extrapolate to other environmental conditions, or assess compliance with regulation.

Single copy price: \$100.00

Obtain an electronic copy from: asastds@aip.org

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

Send comments (with copy to BSR) to: Same

## ATIS (Alliance for Telecommunications Industry Solutions)

### New Standards

BSR O5.4-200x, Naturally Durable Hardwood Poles - Specifications and Dimensions (new standard)

Provides minimum specifications for the quality and dimensions of naturally durable hardwood poles without preservative treatment to be used in single-pole utility structures. The poles described in this standard are considered as simple cantilever members subject to transverse loads only. Fiber stress values, provided as a basis for determining pole class sizes, apply only to poles that meet or exceed the minimum quality specifications.

Single copy price: \$151.00

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

Order from: Kerriane Conn, (202) 434-8841, [kconn@atis.org](mailto:kconn@atis.org)

Send comments (with copy to BSR) to: Same

## AWWA (American Water Works Association)

### Revisions

BSR/AWWA C116/A21.16-200x, Protective Fusion-Bonded Epoxy Coatings for the Interior and Exterior Surfaces of Ductile-Iron and Gray-Iron Fittings (revision of ANSI/AWWA C116/A21.16-2003)

Describes protective fusion-bonded epoxy coatings for the interior and exterior surfaces of ductile-iron and gray-iron fittings used for water, wastewater, and reclaimed water systems. The standard describes the material, application, and performance requirements for these coatings.

Single copy price: \$20.00

Obtain an electronic copy from: [llobb@awwa.org](mailto:llobb@awwa.org)

Order from: Roy Martinez, (303) 347-6194, [rmartinez@awwa.org](mailto:rmartinez@awwa.org)

Send comments (with copy to BSR) to: Same

BSR/AWWA C151/A21.51-200x, Ductile-Iron Pipe, Centrifugally Cast (revision of ANSI/AWWA C151/A21.51-2002)

Describes 3-in. through 64-in. (76-mm through 1,600-mm) ductile-iron pipe, centrifugally cast, for water, wastewater, and reclaimed water systems with push-on joints or mechanical joints.

Single copy price: \$20.00

Obtain an electronic copy from: [llobb@awwa.org](mailto:llobb@awwa.org)

Order from: Roy Martinez, (303) 347-6194, [rmartinez@awwa.org](mailto:rmartinez@awwa.org)

Send comments (with copy to BSR) to: Same

## HL7 (Health Level Seven)

### New Standards

BSR/HL7 V3 ME DKBQ, R1-200x, HL7 Version 3 Standard: Medication; Knowledge-Base Query, Release 1 (new standard)

Covers the issuing of queries to drug knowledge base applications for such information as drug monographs, regimens, and therapies.

Single copy price: Free (HL7 members); \$600.00 (non-members)

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

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

Send comments (with copy to BSR) to: Same

BSR/HL7 V3 RXMDSEVNT, R1-200x, HL7 Version 3 Standard: Pharmacy; Medication Dispense and Supply Event, Release 1 (new standard)

Covers the issuing of medication to a patient or representative, as well as bulk supplies of medication. It deals with both community dispensing, as well as dispensing performed by institutional/hospital pharmacies and automated packaging and dispensing systems.

Single copy price: Free (HL7 members); \$600.00 (non-members)

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

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

Send comments (with copy to BSR) to: Same

BSR/HL7 V3 SDA, R1-200x, HL7 Version 3 Standard: Structured Documents Architecture, Release 1 (new standard)

Focuses on the development of the D-MIM and supporting documentation for structured documents, based on inputs from current HL7 publications and projects. The committee will coordinate with other SIGs and TCs in HL7, including Pediatrics Data Standards SIG, Government Projects, Decision Support and others to help determine the requirements for the D-MIM.

Single copy price: Free (HL7 members); \$600.00 (non-members)

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

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

Send comments (with copy to BSR) to: Same

### Revisions

BSR/HL7 V3 DT, R2-200x, HL7 Version 3 Standard: Data Types - Abstract Specification, Release 2 (revision of ANSI/HL7 V3 DT, R1-2004)

Defines the semantics of the HL7 datatypes. This specification is about the semantics, the meaning, only, independent from representational and operational concerns or specific implementation technologies. It establishes the basic meaning of all the datatypes used in all Version 3 models.

Single copy price: Free (HL7 members); \$600.00 (non-members)

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

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

Send comments (with copy to BSR) to: Same

BSR/HL7 V3 PORT, R2-200x, HL7 Version 3 Standard: Periodic Reporting of Clinical Trial Laboratory Data, Release 2 (revision of ANSI/HL7 V3 PORT, R1-2004)

Adds pharmacogenomics to this release of the Periodic Reporting of Clinical Trial Laboratory Data standard. These additions will allow the message to be used to transmit sequence and microarray based pharmacogenomics data (and the significant findings, genotypes and phenotypes derived from the raw data) between the laboratories, pharmaceutical companies and regulatory agencies involved in a regulated clinical research study.

Single copy price: Free (HL7 members); \$600.00 (non-members)

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

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

Send comments (with copy to BSR) to: Same

**HPS (ASC N43) (Health Physics Society)****Revisions**

BSR N43.17-200x, Radiation Safety for Personnel Security Screening Systems Using X-ray or Gamma Radiation (revision of ANSI N43.17-2002)

Applies to the manufacture & operation of security screening systems that use x rays, gamma radiation or both in which individuals are intentionally exposed to this ionizing radiation. Does not address neutron-based systems. The standard provides requirements specific to the ionizing radiation safety aspects of both the design and operation of these systems. It does not include electrical safety guidelines or any other safety, performance or use considerations outside of the realm of radiation safety.

Single copy price: \$15.00

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

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

Send comments (with copy to BSR) to: Same

**INMM (ASC N14) (Institute of Nuclear Materials Management)****New Standards**

BSR N14.5-200x, Radioactive Materials - Leakage Tests on Packages for Shipments (new standard)

Specifies methods for demonstrating that Type B packages designed for transport of normal form radioactive material comply with the containment requirements of Title 10 of the Code of Federal Regulations Part 71 (10 CFR Part 71). This standard describes:

- package release limits;
- methods for relating package release limits to allowable and reference leakage rates; and
- minimum requirements for leakage rate test procedures.

Single copy price: Free

Obtain an electronic copy from: [hawkmb@ornl.gov](mailto:hawkmb@ornl.gov)

Order from: Mark Hawk, (865) 946-1275, [hawkmb@ornl.gov](mailto:hawkmb@ornl.gov)

Send comments (with copy to BSR) to: Same

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

BSR/ISA 18.02-200x, Management of Alarm Systems for the Process Industries (new standard)

Addresses alarm systems for facilities in the process industries to improve safety, quality, and productivity. The general principles and processes in this standard are intended for use in the lifecycle management of an alarm system based on programmable electronic controller and computer-based Human-Machine Interface (HMI) technology. Implementation of this standard should consider alarms from all systems presented to the operator, which may include basic process control systems, annunciator panels, safety instrumented systems, fire and gas systems, and emergency response systems.

Single copy price: \$100.00

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

Order from: Jennifer Crumpler, (919) 990-9227, [jcrumpler@isa.org](mailto:jcrumpler@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 7501-1-200x, Information technology - Identification cards - Machine readable travel documents - Part 1: Machine readable passport (identical national adoption and revision of INCITS/ISO/IEC 7501-1-1997 (R2004))

Specifies the form and provides guidance on the construction of MRPs, in particular in relation to those aspects of the MRP where details of the rightful holder are presented in a form which is both visual and machine readable. This standard equally defines the specifications to be used by States wishing to issue an electronically enabled version of the MRP (ePassport) for secure carriage and access to an expanded set of details, including globally interoperable biometric data for confirming the presenter as the rightful holder of the ePassport. This standard is intended for use in all applications relating to machine readable passports (MRPs).

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)

BSR/INCITS/ISO/IEC 11770-2-200x, Information technology - Security techniques - Key management - Part 2: Mechanisms using symmetric techniques (identical national adoption and revision of INCITS/ISO/IEC 11770-2-1996 (R2004))

Deals with the management of cryptographic keys. ISO/IEC 11770-2:2008 specifies a series of 13 mechanisms for establishing shared secret keys using symmetric cryptography.

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)

BSR/INCITS/ISO/IEC 13250-4-200x, Information technology - Topic Maps - Part 4: Canonicalization (identical national adoption of ISO/IEC 13250-4:2009)

Defines the CXTM format, and specifies how CXTM files are produced from topic maps by means of a transformation from the Topic Maps Data Model (ISO/IEC 13250-2) to the XML Infoset [XML Infoset].

Single copy price: \$73.00

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

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

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

INCITS/ISO/IEC 1539-2:200x, Information technology - Programming languages - Fortran - Part 2: Varying length character strings (identical national adoption of ISO/IEC 1539-2:2000)

Defines facilities in Fortran for the manipulation of character strings of dynamically variable length. This part of ISO/IEC 1539 provides an auxiliary standard for the version of the Fortran language specified by ISO/IEC 1539-1:1997 and informally known as Fortran 95. A program that conforms with 1539-2:1994 also conforms with this standard.

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)

INCITS/ISO/IEC 7501-3:2005, Information technology - Identification cards - Machine readable travel documents - Part 3: Machine readable official travel documents (identical national adoption and revision of INCITS/ISO/IEC 7501-3:1997 (R2009))

Provides a short-form endorsement of the International Civil Aviation Organization (ICAO) Document Doc 9303 Part 3 - Size-1 and Size-2 Machine Readable Official Travel Documents. ICAO Doc 9303 Part 3 specifies generic formats and minimum data elements for visual inspection and machine reading of official travel documents in the ID-1 and ID-2 card formats containing standardized, globally interoperable machine readable optical character recognition (OCR) data, which may at the option of Governments, be accepted in lieu of a passport as defined in Annex 9 (Chapter 3, paragraph 3.4) to the Convention on International Civil Aviation year 1946 (as revised).

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)

## NISO (National Information Standards Organization)

### Reaffirmations

BSR/NISO Z39.14-1997 (R200x), Guidelines for Abstracts (reaffirmation of ANSI/NISO Z39.14-1997 (R2002))

Helps authors and editors prepare useful abstracts by describing the components of an abstract and the appropriate styles and formats. Numerous examples illustrate the instructions presented in the standard and clarify how to handle special cases.

Single copy price: \$45.00

Obtain an electronic copy from: <http://www.niso.org/standards/z39-14-1997R2002/>

Order from: [http://www.techstreet.com/cgi-bin/detail?product\\_id=52600](http://www.techstreet.com/cgi-bin/detail?product_id=52600)

Send comments (with copy to BSR) to: <http://www.niso.org/contact/>

BSR/NISO/ISO 12083-1995 (R200x), Electronic Manuscript Preparation and Markup (reaffirmation of ANSI/NISO/ISO 12083-1995 (R2002))

In complete conformance with ISO 8879 (SGML - Standard Generalized Markup Language), this standard provides a toolkit for developing customized SGML applications. Four Document Type Definitions are specified for books, serials, articles, and mathematics. Instructions for the preparation of text for the near automatic conversion to grade-2 braille and for publication in large-print and computer voice editions are included.

Single copy price: \$125.00

Obtain an electronic copy from: <http://www.niso.org/standards/iso12083-1995r2002/>

Order from: [http://www.techstreet.com/cgi-bin/detail?product\\_id=52643](http://www.techstreet.com/cgi-bin/detail?product_id=52643)

Send comments (with copy to BSR) to: <http://www.niso.org/contact/>

## UL (Underwriters Laboratories, Inc.)

### Revisions

BSR/UL 1004-3-200x, Standard for Safety for Thermally Protected Motors (Proposal dated 4-17-09) (revision of ANSI/UL 1004-3-2008)

The proposals include:

- (1) Additional requirements for thermal protection;
- (2) Definitions;
- (3) Revisions to the locked rotor temperature and endurance tests; and
- (4) Revisions to the running heating test.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Jonette Herman, (919) 549-1479, [Jonette.A.Herman@us.ul.com](mailto:Jonette.A.Herman@us.ul.com)

BSR/UL 1026-200x, Standard for Safety for Electric Household Cooking and Food Serving Appliances (Proposal dated 4-17-09) (revision of ANSI/UL 1026-2006)

Proposes to update the outdoor cord designations.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: [www.comm-2000.com](http://www.comm-2000.com)

Order from: comm2000

Send comments (with copy to BSR) to: Jonette Herman, (919) 549-1479, [Jonette.A.Herman@us.ul.com](mailto:Jonette.A.Herman@us.ul.com)

BSR/UL 1449-200x, Standard for Surge Protective Devices (revision of ANSI/UL 1449-2006)

Covers:

- (1) Scope and glossary revisions;
- (2) Additional requirements for SPDs with integral thermal links and SPDs with temperature responsive devices that open during testing;
- (3) Expansion and clarification of requirements for interchangeability of metal oxide varistors (MOVs);
- (4) Clarification of SPD testing matrix;
- (5) Addition of Section 59A, Metal Oxide Varistor Voltage;
- (6) Addition of Section 59B, Metal Oxide Varistor DC Standby Current; and
- (7) Addition of Section 62A, Varistor Voltage.

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)

**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. This is 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: June 16, 2009**

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

**ANS (American Nuclear Society)****Reaffirmations**

BSR/ANS 10.2-2000 (R200x), Portability of Scientific and Engineering Software (reaffirmation of ANSI/ANS 10.2-2000)

Provides recommended programming practices and requirements to facilitate the portability of computer programs prepared for scientific and engineering computations.

Single copy price: \$37.00

Order from: Sue Cook, (708) 579-8210, [orders@ans.org](mailto:orders@ans.org)

Send comments (with copy to BSR) to: Patricia Schroeder, (708) 579-8269, [pschroeder@ans.org](mailto:pschroeder@ans.org)

**ASSE (American Society of Sanitary Engineering)****New Standards**

BSR/ASSE Series 5000-20xx, Cross Connection Control Professional Qualifications Standard (new standard)

Applies to individuals who are certified as backflow prevention assembly testers or repairers, cross-connection control surveyors, fire sprinkler system cross-connection control testers and backflow prevention program administrators and establishes minimum requirements for education, safety, testing and reporting, and establishes minimum field inspection performance requirements for backflow prevention assemblies.

Single copy price: \$60.00

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

BSR/ASSE Series 7000-200x, Professional Qualifications Standard for Plumbing-Based Residential Fire Protection Systems Installers & Inspectors (new standard)

Applies to an individual who provides layout, detail, and calculations for plumbing-based residential fire protection systems for one- and two family dwellings, and installs such systems. The standard shall not apply to the installation of stand-alone fire protection systems. 7020 Applies to an individual who inspects plumbing-based residential fire protection systems for one- and two-family dwellings. The standard shall not apply to the installation of stand-alone fire protection systems

Single copy price: \$60.00

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

**Technical Reports Registered with ANSI**

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

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

**Comment Deadline: May 17, 2009****AAMI (Association for the Advancement of Medical Instrumentation)**

BSR/AAMI/ISO TIR17665-2-200x, Sterilization of health care products-Moist heat - Part 2: Guidance on the application of ISO 17665-1 (TECHNICAL REPORT) (technical report)

Provides guidance for the requirements in ANSI/AAMI/ISO 17665-1: 2006, Sterilization of health care products - Moist heat - Part 1: Requirements for the development, validation and routine control of a sterilization process for medical devices

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

Obtain an electronic copy from:

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

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Send comments (with copy to BSR) to: Sonia Balboni, (703) 525-4890, [sbalboni@aami.org](mailto:sbalboni@aami.org)

# Call for Comment Contact Information

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

## Order from:

### AAMI

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

### ANS

American Nuclear Society  
555 North Kensington Avenue  
La Grange Park, IL 60525  
Phone: (708) 579-8210  
Fax: (708) 352-6464  
Web: [www.ans.org/main.html](http://www.ans.org/main.html)

### API (Organization)

American Petroleum Institute  
1220 L Street, NW  
Washington, DC 20005-4070  
Phone: (202) 682-8056  
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Web: [www.api.org](http://www.api.org)

### ASA (ASC S12)

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

### ASSE (Organization)

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

### ATIS

Alliance for Telecommunications  
Industry Solutions  
1200 G Street, NW  
Suite 500  
Washington, DC 20005  
Phone: (202) 434-8841  
Fax: (202) 347-7125  
Web: [www.atis.org](http://www.atis.org)

### AWWA

American Water Works  
Association  
6666 West Quincy Avenue  
Denver, CO 80235  
Phone: (303) 347-6194  
Fax: (303) 795-7603  
Web:  
[www.awwa.org/asp/default.asp](http://www.awwa.org/asp/default.asp)

### comm2000

1414 Brook Drive  
Downers Grove, IL 60515

### Global Engineering Documents

Global Engineering Documents  
15 Inverness Way East  
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Health Level Seven  
3300 Washtenaw Avenue  
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Phone: (734) 677-7777  
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Web: [www.hl7.org](http://www.hl7.org)

### HPS (ASC N13)

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

### INMM (ASC N14)

Institute of Nuclear Materials  
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109 Caldwell Drive  
Oak Ridge, TN 37830  
Phone: (865) 946-1275  
Fax: (865) 576-6675  
Web: [www.inmm.org](http://www.inmm.org)

### ISA (ORGANIZATION)

ISA-The Instrumentation, Systems,  
and Automation Society  
67 Alexander Drive  
Research Triangle Park, NC  
27709  
Phone: (919) 990-9227  
Fax: (919) 549-8288  
Web: [www.isa.org](http://www.isa.org)

### Techstreet

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777 E. Eisenhower Parkway  
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## Send comments to:

### AAMI

Association for the Advancement  
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### AIHA (ASC Z88)

American Industrial Hygiene  
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2700 Prosperity Avenue Suite 250  
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555 North Kensington Avenue  
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American Petroleum Institute  
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Fax: (440) 835-3488  
Web: [www.asse-plumbing.org](http://www.asse-plumbing.org)

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1200 G Street, NW  
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Fax: (202) 347-7125  
Web: [www.atis.org](http://www.atis.org)

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Phone: (734) 677-7777  
Fax: (734) 677-6622  
Web: [www.hl7.org](http://www.hl7.org)

### HPS (ASC N13)

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

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109 Caldwell Drive  
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Web: [www.inmm.org](http://www.inmm.org)

### ISA (ORGANIZATION)

ISA-The Instrumentation, Systems,  
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Research Triangle Park, NC  
27709  
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### NEMA (Canvass)

National Electrical Manufacturers  
Association  
1300 North 17th Street  
Suite 1847  
Rosslyn, VA 22209  
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Fax: (703) 841-3336  
Web: [www.nema.org](http://www.nema.org)

### NISO

National Information Standards  
Organization  
One North Charles Street  
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Baltimore, MD 21201  
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Fax: (410) 685-5278  
Web: [www.niso.org](http://www.niso.org)

### NSF

NSF International  
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Fax: (734) 827-7880  
Web: [www.nsf.org](http://www.nsf.org)

### UL

Underwriters Laboratories, Inc.  
333 Pfingsten Road  
Northbrook, IL 60062-2096  
Phone: (847) 664-2346  
Fax: (847) 313-2346  
Web: [www.ul.com/](http://www.ul.com/)

### VITA

VMEbus International Trade  
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PO Box 19658  
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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.

## ASA (ASC S12) (Acoustical Society of America)

**Office:** 35 Pinelawn Road, Suite 114E  
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**Contact:** Susan Blaeser

**Phone:** (631) 390-0215

**Fax:** (631) 390-0217

**E-mail:** sblaeser@aip.org; asastds@aip.org

BSR/ASA S12.18-1994 (R200x), Procedures for Outdoor Measurement of Sound Pressure Level (reaffirmation and redesignation of ANSI S12.18-1994 (R2004))

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

**Office:** 35 Pinelawn Road, Suite 114E  
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**Fax:** (631) 390-0217

**E-mail:** sblaeser@aip.org; asastds@aip.org

BSR/ASA S3.35-200x, Methods of Measurement of Performance Characteristics of Hearing Aids under Simulated in situ Working Conditions (revision and redesignation of ANSI S3.35-2004)

## BHMA (Builders Hardware Manufacturers Association)

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

**Contact:** Michael Tierney

**Phone:** (212) 297-2127

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

**E-mail:** mtierney@kellenccompany.com;

BSR/BHMA A156.17-200x, Self-Closing Hinges and Pivots (revision of ANSI/BHMA A156.17-2004)

BSR/BHMA A156.22-200x, Door Gasketing and Edge Seal Systems (revision of ANSI/BHMA A156.22-2005)

BSR/BHMA A156.23-200x, Electromagnetic Locks (revision of ANSI/BHMA A156.23-2004)

## INMM (ASC N14) (Institute of Nuclear Materials Management)

**Office:** 109 Caldwell Drive  
Oak Ridge, TN 37830

**Contact:** Mark Hawk

**Phone:** (865) 946-1275

**Fax:** (865) 576-6675

**E-mail:** hawkmb@ornl.gov

BSR N14.5-200x, Radioactive Materials - Leakage Tests on Packages for Shipments (new standard)

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

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Washington, DC 20005

**Contact:** Serena Patrick

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

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

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

BSR/INCITS/ISO/IEC 7501-1-200x, Information technology - Identification cards - Machine readable travel documents - Part 1: Machine readable passport (identical national adoption and revision of INCITS/ISO/IEC 7501-1-1997 (R2004))

BSR/INCITS/ISO/IEC 9541-4-200x, Information technology - Font information interchange - Part 4: Harmonization to Open Font Format (identical national adoption of ISO/IEC 9541-4:2009)

BSR/INCITS/ISO/IEC 9541-1-1991/AMD 4-200x, Information technology - Font information interchange - Part 1: Architecture - Amendment 4: Extension to font resource architecture (identical national adoption of ISO/IEC 9541-1:1991 Amendment 4:2009)

BSR/INCITS/ISO/IEC 9541-2-200x1/AMD 2-200x, Information technology - Font information interchange - Part 2: Interchange format - Amendment 2: Extension to font reference (identical national adoption of ISO/IEC 9541-2:1991/Amd 2:2009)

BSR/INCITS/ISO/IEC 11770-2-200x, Information technology - Security techniques - Key management - Part 2: Mechanisms using symmetric techniques (identical national adoption and revision of INCITS/ISO/IEC 11770-2-1996 (R2004))

BSR/INCITS/ISO/IEC 13250-4-200x, Information technology - Topic Maps - Part 4: Canonicalization (identical national adoption of ISO/IEC 13250-4:2009)

BSR/INCITS/ISO/IEC 24756-200x, Information technology - Framework for specifying a common access profile (CAP) of needs and capabilities of users, systems, and their environments (identical national adoption of ISO/IEC 24756:2009)

INCITS/ISO/IEC 1539-2-200x, Information technology - Programming languages - Fortran - Part 2: Varying length character strings (identical national adoption of ISO/IEC 1539-2:2000)

INCITS/ISO/IEC 7501-3:2005, Information technology - Identification cards - Machine readable travel documents - Part 3: Machine readable official travel documents (identical national adoption and revision of INCITS/ISO/IEC 7501-3-1997 (R2009))

INCITS/ISO/IEC 9541-1:1991/AMD2:1998, Information technology - Font information interchange - Part 1: Architecture - Amendment 2: Minor enhancements to the architecture to address font technology advances (identical national adoption of ISO/IEC 9541-1:1991/Amd 2:1998)

INCITS/ISO/IEC 9541-3:1994/AMD 1:2005, Information technology - Font information interchange - Part 3: Glyph shape representation - Amendment 1: Additional shape representation technology (identical national adoption of ISO/IEC 9541-3:1994/Amd 1:2005)

INCITS/ISO/IEC 9541-3:1994/AMD 2:2009, Information technology - Font information interchange - Part 3: Glyph shape representation - Amendment 2: Additional Shape Representation Technology for Open Font Format (identical national adoption of ISO/IEC 9541-3:1994/Amd 2:2009)

INCITS/ISO/IEC 13250-2:2006, Information technology - Topic Maps -  
Part 2: Data model (identical national adoption of ISO/IEC  
13250-2:2006)

INCITS/ISO/IEC 13250-3-2007, Information technology - Topic Maps -  
Part 3: XML syntax (identical national adoption of ISO/IEC  
13250-3:2007)

**RVIA (Recreational Vehicle Industry Association)**

**Office:** 1896 Preston White Drive  
P.O. Box 2999  
Reston, VA 20195-0999

*Contact:* Kent Perkins

**Phone:** (703) 620-6003

**Fax:** (703) 620-5071

**E-mail:** kperkins@rvia.org

BSR/RVIA 12V-200x, Low Voltage Systems in Conversion and  
Recreational Vehicles (revision of ANSI/RVIA 12V-2007)

**WCMA (Window Covering Manufacturers Association)**

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

*Contact:* Michael Tierney

**Phone:** (212) 297-2127

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

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

BSR/WCMA A100.1-200x, Safety of Corded Window Covering Products  
(revision of ANSI/WCMA A100.1-2007)

# 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.

## AA (ASC H35) (Aluminum Association)

### Reaffirmations

ANSI H35.3-1997 (R2009), Designation System for Aluminum Hardeners (reaffirmation of ANSI H35.3-1997 (R2006)): 4/7/2009

ANSI H35.4-2006 (R2009), Designation System for Unalloyed Aluminum (reaffirmation of ANSI H35.4-2006): 4/7/2009

ANSI H35.5-1993 (R2009), Nomenclature System for Aluminum Metal Matrix Composite Materials (reaffirmation of ANSI H35.5-1993 (R2006)): 4/7/2009

### Revisions

ANSI H35.2-2009, Dimensional Tolerances for Aluminum Mill Products (revision of ANSI H35.2-2006): 4/7/2009

ANSI H35.2(M)-2009, Dimensional Tolerances for Aluminum Mill Products (revision of ANSI H35.2(M)-2006): 4/7/2009

ANSI H35.1/H35.1(M)-2009, Alloy and Temper Designation Systems for Aluminum (revision of ANSI H35.1/H35.1M-2006): 4/7/2009

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

### New National Adoptions

ANSI/AAMI/IEC 60601-2-19-2009, Medical electrical equipment - Part 2-19: Particular requirements for basic safety and essential performance of baby incubators (identical national adoption and revision of ANSI/AAMI I136-2004): 4/3/2009

ANSI/AAMI/IEC 60601-2-20-2009, Medical electrical equipment - Part 2-20: Particular requirements for basic safety and essential performance of transport incubators (identical national adoption and revision of ANSI/AAMI I151-2004): 4/3/2009

ANSI/AAMI/IEC 60601-2-21-2009, Medical electrical equipment - Part 2-21: Particular requirements for basic safety and essential performance of infant radiant warmers (identical national adoption and revision of ANSI/AAMI/IEC 60601-2-21 & 60601-2-21 Amd 1-2000): 4/3/2009

ANSI/AAMI/IEC 60601-2-50-2009, Medical electrical equipment - Part 2-50: Particular requirements for basic safety and essential performance of infant phototherapy equipment (identical national adoption and revision of ANSI/AAMI/IEC 60601-2-50-2006): 4/3/2009

## ACMA (American Composites Manufacturers Association)

### Revisions

ANSI/ICPA/ACMA UEF-1-2009, Estimating Emission Factors from Open Molding Composite Processes (revision of ANSI/ICPA/ACMA UEF-1-2007): 4/2/2009

## ADA (American Dental Association)

### New National Adoptions

ANSI/ADA Specification No. 125-2009, Manual Interdental Brushes (identical national adoption of ISO 16409:2006): 3/31/2009

## AMT (ASC B11) (Association for Manufacturing Technology)

### Revisions

ANSI B11.1-2009, Machine Tools - Safety Requirements for Mechanical Power Presses (revision of ANSI B11.1-2001): 4/7/2009

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

### Revisions

ANSI/ASA S2.28-2009, Guide for the Measurement and Evaluation of Vibration of Shipboard Machinery (revision and redesignation of ANSI S2.28-2003): 4/1/2009

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

### New Standards

ANSI/ASABE S572.1-2009, Spray Nozzle Classification by Droplet Spectra (new standard): 3/31/2009

### Reaffirmations

ANSI/ASAE EP282.2-SEP93 (R2009), Design Values for Emergency Ventilation and Care of Livestock and Poultry (reaffirmation of ANSI/ASAE EP282.2-SEP93 (RFEB04)): 4/2/2009

### Withdrawals

ANSI/ASAE S525.2-MAY98, Agricultural Cabs - Environmental Air Quality; Part 2: Pesticide Vapor Filters - Test Procedure and Performance Criteria (withdrawal of ANSI/ASAE S525.2-MAY98 (R2003)): 4/3/2009

ANSI/ASAE S525-1.2-2003, Agricultural Cabs - Engineering Control - Environmental Air Quality; Part 1: Definitions, Test Methods, and Safety Practices (withdrawal of ANSI/ASAE S525-1.2-2003): 4/3/2009

## ASME (American Society of Mechanical Engineers)

### Reaffirmations

ANSI/ASME B5.52-2003 (R2009), Power Presses - General Purpose Single Gap Type (reaffirmation of ANSI/ASME B5.52-2003): 3/31/2009

ANSI/ASME B5.56M-1994 (R2009), Specification and Performance Standard, Power Shears (reaffirmation of ANSI/ASME B5.56M-1994 (R2002)): 3/31/2009

ANSI/ASME B5.61-2003 (R2009), Power Presses - General Purpose Single Action Straight Side Type (reaffirmation of ANSI/ASME B5.61-2003): 3/31/2009

### Revisions

ANSI/ASME B5.50-2009, 7/24 Taper Tool to Spindle Connection for Automatic Tool Change (revision of ANSI/ASME B5.50-1994 (R2003)): 3/31/2009

ANSI/ASME B16.12-2009, Cast Iron Threaded Drainage Fittings (revision of ANSI/ASME B16.12-1998 (R2006)): 4/6/2009

ANSI/ASME B18.6.4-2009, Thread Forming and Thread Cutting Tapping Screws and Metallic Drive Screws (Inch Series) (revision of ANSI/ASME B18.6.4 (R2005)): 3/31/2009

ANSI/ASME Y14.8-2009, Castings, Forgings and Molded Parts (revision and redesignation of ANSI/ASME Y14.8M-1996 (R2002)): 3/31/2009

**Withdrawals**

ANSI/ASME B94.50-1975, Basic Nomenclature and Definitions for Single-Point Cutting Tools (withdrawal of ANSI/ASME B94.50-1975 (R2003)): 3/31/2009

**ASTM (ASTM International)****New Standards**

ANSI/ASTM F2618-2009, Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Pipe and Fittings for Chemical Waste Drainage Systems (new standard): 4/1/2009

ANSI/ASTM F2718-2009, Standard Specification for Polyethylene (PE) and Cement Mortar Formed in Place Lining System for the Rehabilitation of Water Pipelines (new standard): 4/1/2009

**Revisions**

ANSI/ASTM D2665-2009, Specification for Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings (revision of ANSI/ASTM D2665-2002a): 3/1/2009

ANSI/ASTM E176-2008a, Terminology of Fire Standards (revision of ANSI/ASTM E176-2008): 12/15/2008

**ATIS (Alliance for Telecommunications Industry Solutions)****New Standards**

ANSI ATIS 0900002-2009, Synchronization Standard - Physical Interconnection for Intra-Office Ethernet-based Timing Distribution (new standard): 4/2/2009

**Revisions**

ANSI ATIS 0300074-2009, Guidelines and Requirements for Security Management Systems (revision of ANSI ATIS 0300074-2006): 3/31/2009

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

ANSI/AWS A5.12M/A5.12-2009 (ISO 6848:2004 2009), Specification for Tungsten and Oxide Dispersed Tungsten Electrodes for Arc Welding and Cutting (revision of ANSI/AWS A5.12/A5.12M-98 (R2007)): 3/31/2009

ANSI/AWS D18.1/D18.1M-2009, Specification for Welding of Tube and Pipe Systems in Sanitary (Hygienic) Applications (revision of ANSI/AWS D18.1-1999): 3/31/2009

**CEMA (Conveyer Equipment Manufacturers Association)****Revisions**

ANSI/CEMA 300-2009, Screw Conveyor Dimensional Standards (revision of ANSI/CEMA 300-2003): 4/1/2009

ANSI/CEMA 350-2009, Screw Conveyors (revision of ANSI/CEMA 350-2003): 4/1/2009

**EIA (Electronic Industries Alliance)****Revisions**

ANSI/EIA 364-52B-2009, Solderability of Contact Terminations Test Procedure for Electrical Connectors and Sockets (revision of ANSI/EIA 364-52A-2003): 4/1/2009

**HI (Hydraulic Institute)****Revisions**

ANSI/HI 1.3-2009, Rotodynamic (Centrifugal) Pumps for Design and Application (revision of ANSI/HI 1.3-2007): 4/6/2009

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

ANSI/IEEE 802.1AX-2008, Standard for Local and Metropolitan Area Networks - Link Aggregation (new standard): 4/7/2009

**Reaffirmations**

ANSI/IEEE 149-2003 (R2008), Standard Test Procedures for Antennas (reaffirmation of ANSI/IEEE 149-2003): 4/6/2009

ANSI/IEEE 671-1985 (R2008), Standard Specification Format Guide and Test Procedure for Nongyroscopic Inertial Angular Sensors: Jerk, Acceleration, Velocity, and Displacement (reaffirmation of ANSI/IEEE 671-1985 (R2003)): 4/3/2009

ANSI/IEEE 952-1997 (R2008), Standard Specification Format Guide and Test Procedure for Single-Axis Interferometric Fiber Optic Gyros (reaffirmation of ANSI/IEEE 952-1997 (R2003)): 4/3/2009

ANSI/IEEE 1293-2003 (R2008), Standard Specification Format Guide and Test Procedure for Linear, Single-Axis, Nongyroscopic Accelerometers (reaffirmation of ANSI/IEEE 1293-2003): 4/6/2009

ANSI/IEEE 1394.3-2003 (R2008), Standard for a High Performance Serial Bus Peer-to-Peer Data Transport Protocol (PPDT) (reaffirmation of ANSI/IEEE 1394.3-2003): 4/6/2009

ANSI/IEEE 1570-2002 (R2008), Standard for the Interface between the Rail Subsystem and the Highway Subsystem at a Highway Rail Intersection (reaffirmation of ANSI/IEEE 1570-2002): 4/6/2009

**ISA (ISA)****Revisions**

ANSI/ISA 12.22.01-2009 (UL 60079-1), Electrical Apparatus for Use in Class I, Zone 1 Hazardous (Classified) Locations: Type of Protection - Flameproof "d" (revision of ANSI/ISA 60079-1 (12.22.01)-2005): 4/10/2009

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

INCITS/ISO/IEC 2382-7-2009, Information technology - Vocabulary - Part 7: Computer programming (identical national adoption of ISO/IEC 2382-7:2000): 4/3/2009

INCITS/ISO/IEC 19757-2:2009, Information technology - Document Schema Definition Language (DSDL) - Part 2: Regular-grammar-based validation - RELAX NG (identical national adoption of ISO/IEC 19757-2:2008): 4/3/2009

INCITS/ISO/IEC 19757-8:2009, Information technology - Document Schema Definition Languages (DSDL) - Part 8: Document Semantics Renaming Language (DSRL) (identical national adoption of ISO/IEC 19757-8:2008): 4/3/2009

INCITS/ISO/IEC 19757-9:2009, Information technology - Document Schema Definition Languages (DSDL) - Part 9: Namespace and Datatype declaration in Document Type Definitions (DTDs) (identical national adoption of ISO/IEC 19757-9:2008): 4/3/2009

INCITS/ISO/IEC 11976:2009, Information technology - Data interchange on 130 mm rewritable and write-once-read-many ultra density optical (UDO) disk cartridges - Capacity: 60 Gbytes per cartridge - Second generation (identical national adoption of ISO/IEC 11976:2008): 4/3/2009

INCITS/ISO/IEC 25434:2009, Information technology - Data interchange on 120 mm and 80 mm optical disk using +R DL format - Capacity: 8,55 Gbytes and 2,66 Gbytes per side (recording speed up to 16X) (identical national adoption of ISO/IEC 25434:2008): 4/3/2009

**Reaffirmations**

INCITS/ISO/IEC 14772-2-2004 (R2009), Information Technology - Computer Graphics and Image Processing - The Virtual Reality Modeling Language (VRML) - Part 2: External Authoring Interface (EAI) (reaffirmation of INCITS/ISO/IEC 14772-2-2004): 4/3/2009

INCITS/ISO/IEC 14772-1-1997/AM1-2004 (R2009), Information Technology - Computer Graphics and Image Processing - The Virtual Reality Modeling Language - Part 1: Functional Specification and UTF-8 Encoding - Amendment 1: Enhanced Interoperability (reaffirmation of INCITS/ISO/IEC 14772-1-1997/AM1-2004): 4/3/2009

*Stabilized Maintenance: See 3.3.3 of the ANSI Essential Requirements*

ANSI INCITS 124.2-1988 (S2009), Information Systems - Computer Graphics - Graphical Kernel System (GKS) Pascal Binding (stabilized maintenance of ANSI INCITS 124.2-1988 (R2004)): 4/3/2009

ANSI INCITS 162-1988 (S2009), Information Systems - Two-Sided, High-Density, Unformatted, 5.25-inch (130-mm), 96-tpi (3,8 tpm), Flexible Disk Cartridge for 13 262 ftr Use - General, Physical, and Magnetic Requirements (stabilized maintenance of ANSI INCITS 162-1988 (R2004)): 4/3/2009

INCITS/ISO/IEC 9592-1-1997 (S2009), Information Technology - Computer Graphics and Image Processing - Programmer's Hierarchical Interactive Graphics System (PHIGS) - Part 1: Functional Description (stabilized maintenance of INCITS/ISO/IEC 9592-1-1997 (R2004)): 4/3/2009

INCITS/ISO/IEC 9592-2-1997 (S2009), Information Technology - Computer Graphics and Image Processing - Programmer's Hierarchical Interactive Graphics System (PHIGS) - Part 2: Archive File Format (stabilized maintenance of INCITS/ISO/IEC 9592-2-1997 (R2004)): 4/3/2009

INCITS/ISO/IEC 9592-3-1997 (S2009), Information Technology - Computer Graphics and Image Processing - Programmer's Hierarchical Interactive Graphics System (PHIGS) - Part 3: Specification for Clear-Text Encoding of Archive File (stabilized maintenance of INCITS/ISO/IEC 9592-3-1997 (R2004)): 4/3/2009

INCITS/ISO/IEC 9593-3-1990/AM1-1994 (S2009), Information Technology - Computer Graphics - Programmer's Hierarchical Interactive Graphics System (PHIGS) Language Bindings - Part 3: Ada - Amendment 1: Incorporation of PHIGS PLUS (stabilized maintenance of INCITS/ISO/IEC 9593-3-1990/AM1-1994 (R2004)): 4/3/2009

INCITS/ISO/IEC 9593-4-1991/AM1-1994 (S2009), Information Technology - Computer Graphics - Programmer's Hierarchical Interactive Graphics System (PHIGS) Language Bindings - Part 4: C -- Amendment 1 (stabilized maintenance of INCITS/ISO/IEC 9593-4-1991/AM1-1994 (R2004)): 4/3/2009

INCITS/ISO/IEC 9637-1-1994 (S2009), Information Technology - Computer Graphics - Interfacing Techniques for Dialogues with Graphical Devices (CGI) - Data Stream Binding - Part 1: Character Encoding (stabilized maintenance of INCITS/ISO/IEC 9637-1-1994 (R2004)): 4/3/2009

INCITS/ISO/IEC 10641-1993 (S2009), Information Technology - Computer Graphics and Image Processing - Conformance Testing of Implementations of Graphic Standards (stabilized maintenance of INCITS/ISO/IEC 10641-1993 (R2004)): 4/3/2009

INCITS/ISO/IEC 11072-1992 (S2009), Information technology - Computer graphics - Computer Graphics Reference Model (stabilized maintenance of INCITS/ISO/IEC 11072-1992 (R2004)): 4/3/2009

INCITS/ISO/IEC 12087-5-1998 (S2009), Information Technology - Computer Graphics and Image Processing - Image Processing and Interchange (IPI) - Functional Specification - Part 5: Basic Image Interchange Format (BIIF) (stabilized maintenance of INCITS/ISO/IEC 12087-5-1998 (R2004)): 4/3/2009

INCITS/ISO/IEC 14478-1-1998 (S2009), Information Technology - Computer Graphics and Image Processing - Presentation Environment for Multimedia Objects (PREMO) - Part 1: Fundamentals of PREMO (stabilized maintenance of INCITS/ISO/IEC 14478-1-1998 (R2004)): 4/3/2009

INCITS/ISO/IEC 14478-2-1998 (S2009), Information Technology - Computer Graphics and Image Processing - Presentation Environment for Multimedia Objects (PREMO) - Part 2 - Foundation Component (stabilized maintenance of INCITS/ISO/IEC 14478-2-1998 (R2004)): 4/3/2009

INCITS/ISO/IEC 14478-3-1998 (S2009), Information Technology - Computer Graphics and Image Processing - Presentation Environment for Multimedia Objects (PREMO) - Part 3 - Multimedia Systems Services (stabilized maintenance of INCITS/ISO/IEC 14478-3-1998 (R2004)): 4/3/2009

INCITS/ISO/IEC 14478-4-1998 (S2009), Information Technology - Computer Graphics and Image Processing - Presentation Environment for Multimedia Objects (PREMO) - Part 4 - Modelling, Rendering and Interaction Component (stabilized maintenance of INCITS/ISO/IEC 14478-4-1998 (R2004)): 4/3/2009

## NCPDP (National Council for Prescription Drug Programs)

### Revisions

ANSI/NCPDP Post Adj V2.1-2009, Post Adjudication Standard Version 2.1 (revision and redesignation of ANSI/NCPDP Post Adj V2.0-2008): 4/1/2009

ANSI/NCPDP Post Adj V2.1-2009P, Post Adjudication Standard Version 2.1 (revision and redesignation of ANSI/NCPDP Post Adj V2.0-2008): 4/1/2009

## NEMA (ASC C82) (National Electrical Manufacturers Association)

### Reaffirmations

ANSI C82.77-2001 (R2009), Harmonic Emission Limits-Related Power Quality Requirements for Lighting Equipment (reaffirmation of ANSI C82.77-2001 (R2005)): 4/2/2009

## NEMA (ASC W1) (National Electrical Manufacturers Association)

### New National Adoptions

ANSI/IEC 60974-8-2009, Arc Welding Equipment - Part 8: Gas Consoles (national adoption with modifications of IEC 60974-8, ed. 1): 4/3/2009

## NSF (NSF International)

### Revisions

ANSI/NSF 2-2009 (i16), Food equipment (revision of ANSI/NSF 2-2008): 3/27/2009

ANSI/NSF 42-2009 (i64), Drinking Water Treatment Units - Aesthetic effects (revision of ANSI/NSF 42-2008): 4/1/2009

ANSI/NSF 53-2009 (i72), Drinking Water Treatment Units - Health effects (revision of ANSI/NSF 53-2008): 4/1/2009

## UL (Underwriters Laboratories, Inc.)

### New National Adoptions

ANSI/UL 60079-1-2009, Standard for Safety for Electrical Apparatus for Explosive Gas Atmospheres - Part 1: Flameproof Enclosures (Proposals dated 12/28/07 and 7/11/08) (national adoption with modifications and revision of ANSI/UL 60079-1-2007): 4/10/2009

### Reaffirmations

ANSI/UL 574-2004 (R2009), Standard for Safety for Electric Oil Heaters (Proposal dated 2-6-09) (reaffirmation of ANSI/UL 574-2004): 4/2/2009

### Revisions

ANSI/UL 705-2009, Standard for Safety for Power Ventilators (revision of ANSI/UL 705-2006): 3/30/2009

ANSI/UL 826-2009, Standard for Safety for Household Electric Clocks (revision of ANSI/UL 826-2004): 3/31/2009

# Project Initiation Notification System (PINS)

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

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

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

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

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BSR/AAMI PC85-200x, Active implantable medical devices - Test protocols for transvenous leads for implantable cardiac pacemakers and implantable cardioverter defibrillators (ICD) (new standard)  
Stakeholders: Manufacturers, users.

Project Need: To create standards that address long-term durability or tests for lead perforation.

Provides requirements and test protocols for transvenous pacemaker and ICD leads.

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

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Melville, NY 11747

**Contact:** Susan Blaeser

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**E-mail:** [sblaeser@aip.org](mailto:sblaeser@aip.org); [asastds@aip.org](mailto:asastds@aip.org)

BSR/ASA S3.35-200x, Methods of Measurement of Performance Characteristics of Hearing Aids under Simulated in situ Working Conditions (revision and redesignation of ANSI S3.35-2004)  
Stakeholders: Hearing aid manufacturers, hearing aid dispensers,  
Project Need: To add definitions for first order- and second order-directional microphone systems in Annex B.

Describes methods to measure the acoustical effects of a simulated median adult wearer on the performance of a hearing aid using: direct simulated real-ear aided measurements (sound pressure developed by a hearing aid in an ear simulator for a given free-field input sound pressure), and insertion measurements (the difference between the sound pressures developed in the ear simulator with and without a hearing aid in place). These test methods are not intended for quality control.

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

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**Contact:** Isabel Bailey

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**E-mail:** [isabel.baileyx9@verizon.net](mailto:isabel.baileyx9@verizon.net)

BSR X9.99-200x, Financial Services - Privacy Impact Assessment (identical national adoption of ISO 22307)

Stakeholders: Financial services industry.

Project Need: PIA is an important financial services/banking management tool to be used to identify privacy issues.

Recognizes that a privacy impact assessment (PIA) is an important financial services and banking management tool to be used within an organization, or by "contracted" third parties, to identify and mitigate privacy issues and risks associated with processing consumer data using automated, networked information systems. This standard

- describes the privacy impact assessment activity in general;
- defines the common and required components of a privacy impact assessment, regardless of business systems affecting financial institutions; and
- provides informative guidance to educate the reader on privacy impact assessments.

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

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BSR X9.119-200x, Protection of Sensitive Card Data between Device and Acquiring System (new standard)

Stakeholders: Merchants, processors, acquirers, hardware and software providers, card issuers.

Project Need: To create a method that protects the sensitive card data at the device, which might allow merchants, processors, and acquirers to realize dramatic cost savings.

Standardizes the security requirements and implementation for a method for protecting this sensitive card data over these segments. Several implementations exist to address this situation. This document would provide guidance for evaluating these implementations.

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

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BSR/ASSE Series 8000-20xx, Professional Qualifications Standard for Self Contained Breathing Apparatus Replenishment Systems Installers, Inspectors and Verifiers (new standard)

Stakeholders: Construction, plumbing, and fire safety industries.

Project Need: To provide professional qualification requirements for installers, inspectors and verifiers of self-contained breathing apparatus replenishment systems for high-rise structures.

Applies to the educational and training requirements for installers, inspectors and verifiers of self-contained breathing apparatus replenishment systems for life safety protection in high-rise structures

**ASTM (ASTM International)**

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BSR/ASTM WK23632-200x, New Specification for Goggle- and Spectacle-Type Eye Protectors for Selected Motor Sports (new standard)

Stakeholders: Sports equipment and facilities industry.

Project Need:

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK23632.htm>

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK23632.htm>

**AWS (American Welding Society)**

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BSR/AWS C2.16/C2.16M-200x, Guide for Thermal-Spray Operator Qualification (revision of ANSI/AWS C2.16-2002)

Stakeholders: American Welding Society.

Project Need: To give thermal spray shops the methods to test qualified operators and verify their abilities, also to certify fit-to-use thermal spray equipment to produce coatings in aerospace and other critical applications.

Contains recommendations for thermal-spray operator qualification based on knowledge and skill testing. Twelve individual thermal-spray operator qualification tests (TSOQT) are included for engineering and corrosion control applications: one each for job knowledge, high velocity oxygen fuel (HVOF) spraying and flame spray-fusing, two for arc spraying, and three each for flame spraying and air-plasma spraying.

BSR/AWS C2.20/C2.20M-200x, Specification for Thermal Spraying Zinc Anodes on Steel Reinforced Concrete (revision of ANSI/AWS C2.20/C2.20M-2002)

Stakeholders: American Welding Society.

Project Need: To allow government bodies and thermal spray companies to regulate coating applied for corrosion protection of steel-reinforced concrete structures such as highway bridges and buildings.

Provides a specification for thermal spraying zinc anodes on steel reinforced concrete. This standard is formatted as an industrial process instruction. The scope includes:

- job description;
- safety;
- pass/fail job reference standards;
- feedstock materials;
- equipment;
- a step-by-step process instruction for surface preparation;
- thermal spraying; and
- quality control.

BSR/AWS C2.21M/C2.21-200x, Specification for Thermal Spray Equipment Acceptance Inspection (revision of ANSI/AWS C2.21M/C2.21-2003)

Stakeholders: American Welding Society.

Project Need: To create guidelines for thermal spray equipment users as well as OEM for acceptance and construction of thermal spray equipment. This document helps regulate and standardize basic thermal spray equipment requirements.

Specifies the thermal spray equipment acceptance requirements for plasma, arc-wire, flame-powder, -wire, -rod, and -cord, high-velocity oxygen fuel (HVOF) equipment. Evidence of the equipment capabilities must be provided by the equipment manufacturer. Inspection reports are provided in five mandatory annexes.

BSR/AWS C2.23M/C2.23-200x, Specification for the Application of Thermal Spray Coatings (revision of ANSI/AWS C2.23/C2.23M-2003)

Stakeholders: American Welding Society.

Project Need: To create quality standards of thermal spray products for applicators and end users. This document is directed to application of Aluminum and Zinc, generally for corrosion protection of steel structures.

Presents an industrial process for the application of thermal spray coating (TSC) on steel. This standard covers safety, job reference standards, equipment setup and preparation, surface preparation, Aluminum and Zinc application and sealer and topcoat application

BSR/AWS C2.25/C2.25M-200x, Specification for Thermal Spray Feedstock - Solid and Composite Wire and Ceramic Rods (revision of ANSI/AWS C2.25/C2.25M-2002)

Stakeholders: American Welding Society.

Project Need: To regulate material quality in regards to chemistry and size for of OEM, applicator and end user of thermal spray coatings.

Provides the as-manufactured chemical composition classification requirements for solid and composite wires and ceramic rods for thermal spraying. Requirements for standard sizes, marking, manufacturing, and packaging are included.

**BHMA (Builders Hardware Manufacturers Association)**

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BSR/BHMA A156.17-200x, Self-Closing Hinges and Pivots (revision of ANSI/BHMA A156.17-2004)

Stakeholders: Consumers, construction, and builders' hardware  
Project Need: To comply with the 5-year revision cycle.

Establishes requirements for self-closing hinges and pivots. Cycle tests, operational tests, finish tests, material and dimensional requirements are included.

BSR/BHMA A156.22-200x, Door Gasketing and Edge Seal Systems (revision of ANSI/BHMA A156.22-2005)

Stakeholders: Consumers, building and construction, door and hardware manufacturers.  
Project Need: To comply with the 5-year revision cycle.

Establishes requirements for the performance and installation of gasketing systems including intumescent applied to, or mortised to doors, frames or both. Included are performance tests intended to provide installation guidelines, resistance to smoke and air infiltration, and measure the life and durability of gasketing materials.

BSR/BHMA A156.23-200x, Electromagnetic Locks (revision of ANSI/BHMA A156.23-2004)

Stakeholders: Consumers, building and construction, door and hardware manufacturers.  
Project Need: To comply with the 5-year revision cycle.

Establishes requirements for electromagnetic locks and includes cyclical, dynamic, operational, strength and finish tests. This product is used for access control.

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

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BSR Z21.1a-200x, Household Cooking Gas Appliances (addenda to ANSI Z21.1-2005)

Stakeholders: Consumers, manufacturers, gas suppliers, certifying agencies.  
Project Need: To revise this Standard for Safety.

Details test and examination criteria for household cooking appliances for use with natural manufactured and mixed gases, liquefied petroleum gases and LP gas-air mixtures. The standard defines a household cooking gas appliance as an appliance for domestic food preparation, providing at least one function of

- (1) top or surface cooking;
- (2) oven cooking; or
- (3) broiling.

BSR Z21.13b-200x, Gas-Fired Low Pressure Steam and Hot Water Boilers (same as CSA 4.9b) (revision of ANSI Z21.13b-2007 and Z21.13a/CSA 4.9a)

Stakeholders: Consumers, manufacturers, gas suppliers, certifying agencies.  
Project Need: To revise this Standard for Safety.

Details test and examination criteria for Category I, Category II, Category III and Category IV low-pressure steam and hot-water boilers for use with natural, manufactured and mixed gases, liquefied petroleum gases and LP gas-air mixtures.

**HL7 (Health Level Seven)**

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BSR/HL7 V3 CPCC, R1-200x, HL7 Version 3 Standard Care Provision; Care Composition, Release 1 (new standard)

Stakeholders: Healthcare.

Project Need: Care composition structures act as generic "collectors" of information, which help group the various health services (observations, procedures, prescriptions, lab tests, immunizations, etc.) performed, into collections that share context such as where the work was done, who was involved and/or why the actions occurred.

Describes Care Composition, which is a generic name used to encompass the concepts of encounter, episode, and other types of care delivery groupings. The care composition transactions allow for grouping of other health-care records around various types of patient care.

BSR/HL7 V3 CPCD, R1-200x, HL7 Version 3 Standard: Care Provision; Clinical Document, Release 1 (new standard)

Stakeholders: Healthcare.

Project Need: To include metadata used for searching through documents and links from the document to discrete data that is available for retrieval using domain-specific query mechanisms.

Allows for the capture and maintenance of simple HL7 Clinical Document Architecture (CDA) documents focused specifically on referrals, discharge or care summaries and textual observations such as family history, social history, etc. The transactions are based on an architecture where discrete data (coded observations, conditions, allergies, medications, etc.) is captured and maintained independently of the structured document via transaction-based messages.

BSR/HL7 V3 CPCP, R1-200x, HL7 Version 3 Standard: Care Provision; Care Plan, Release 1 (new standard)

Stakeholders: Healthcare.

Project Need: Allows for the definition of the management action plans for the various conditions identified for the target of care.

The Care Plan structure is used to define the management action plans for the various conditions identified for the target of care. It is the structure in which the care planning for all individual professions or for groups of professionals can be organized, planned and checked for completion. Communicating explicitly documented and planned actions and goals greatly aids the team in understanding and coordinating the actions that need to be performed for the person. Care plans also permit the monitoring and flagging of unperformed activities and unmet goals for later follow up.

BSR/HL7 V3 CPHC, R1-200x, HL7 Version 3 Standard: Care Provision; Health Concern, Release 1 (new standard)

Stakeholders: Healthcare.

Project Need: To exchange limited information on a health condition in Canada, but written such that it can be used in all countries (universal).

Covers all interactions related to health concerns, including:

- Recording health concerns for a patient;
- Revising existing health concern records;
- Retrieving a list of a patient's health concerns;
- Retrieving details about a single health concern.

These interactions are crafted to support a "request-based" architecture in which messages are sent from a point of service (POS) such as a clinic to a Shared Health Record (SHR). These messages are phrased as requests because the SHR reserves the right to refuse all requests. Reasons might include issues such as lack of permission, lack of recorded patient consent, etc.



BSR/HL7 V3 CTS, R2-200x, HL7 Version 3 Standard: Common Terminology Services, Release 2 (revision of ANSI/HL7 V3 CTS, R1-2005)

Stakeholders: Healthcare IT.

Project Need: To expand on the original functionality outlined in HL7's Common Terminology Service (CTS) Specification.

Describes terminology services, which represents functions necessary to manage, search, and access terminology content. Terminology services provide a consistent specification for using terminology content independent of the terminology content and underlying technology stack. Terminology content represents various resources including lists, value sets, taxonomies, and formal description logic based ontologies. The following thematic areas are considered as part of CTS 2:

- Administration;
- Search/Query;
- Association/mapping; and
- authoring/maintenance.

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

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BSR/INCITS/ISO/IEC 9541-4-200x, Information technology - Font information interchange - Part 4: Harmonization to Open Font Format (identical national adoption of ISO/IEC 9541-4:2009)

Stakeholders: ICT industry.

Project Need: To adopt this International Standard, which will be beneficial to the ICT industry.

Specifies the architecture of font resources, as well as the formats for font interchange among information processing systems. This standard also specifies the architecture and formats that can be used to construct font references in general electronic document interchange.

This part of ISO/IEC 9541 specifies the correspondences between ISO/IEC 9541 font resource and ISO/IEC 14496-22 Open Font Format file (OFF), to define ISO/IEC 9541 font resource from a given OFF file. The classification (required or optional), syntax, and possible values of the properties are defined in ISO/IEC 9541-1 and ISO/IEC 9541-2.

BSR/INCITS/ISO/IEC 9541-1-1991/AMD 4-200x, Information technology - Font information interchange - Part 1: Architecture - Amendment 4: Extension to font resource architecture (identical national adoption of ISO/IEC 9541-1:1991 AMENDMENT 4:2009)

Stakeholders: ICT industry.

Project Need: To adopt this International Standard, which will be beneficial to the ICT industry.

This International Standard is the fourth amendment to ISO/IEC 9541-1: 1991.

BSR/INCITS/ISO/IEC 9541-2-200x1/AMD 2-200x, Information technology - Font information interchange - Part 2: Interchange format - Amendment 2: Extension to font reference (identical national adoption of ISO/IEC 9541-2:1991/Amd 2:2009)

Stakeholders: ICT industry.

Project Need: To adopt this International Standard, which will be beneficial to the ICT industry.

This International Standard is the second amendment to ISO/IEC 9541-2:1991.

BSR/INCITS/ISO/IEC 24756-200x, Information technology - Framework for specifying a common access profile (CAP) of needs and capabilities of users, systems, and their environments (identical national adoption of ISO/IEC 24756:2009)

Stakeholders: ICT industry.

Project Need: To adopt this International Standard, which will be beneficial to the ICT industry.

Defines a framework for specifying a common access profile (CAP) of needs and capabilities of users, computing systems, and their environments, including access that is supported by assistive technologies. This standard provides a basis for identifying and dealing with accessibility issues in a standardized manner across multiple platforms. It can be used to evaluate the accessibility of existing systems in particular environments for particular users.

INCITS/ISO/IEC 9541-1:1991/AMD2:1998, Information technology - Font information interchange -- Part 1: Architecture - Amendment 2: Minor enhancements to the architecture to address font technology advances (identical national adoption of ISO/IEC 9541-1:1991/Amd 2:1998)

Stakeholders: ICT industry.

Project Need: To adopt this International Standard, which will be beneficial to the ICT industry.

This International Standard is the second amendment to ISO/IEC 9541-1:1991.

INCITS/ISO/IEC 9541-3:1994/AMD 1:2005, Information technology - Font information interchange - Part 3: Glyph shape representation - Amendment 1: Additional shape representation technology (identical national adoption of ISO/IEC 9541-3:1994/Amd 1:2005)

Stakeholders: ICT industry.

Project Need: To adopt this International Standard, which will be beneficial to the ICT industry.

This International Standard is the first amendment to ISO/IEC

INCITS/ISO/IEC 9541-3:1994/AMD 2:2009, Information technology - Font information interchange - Part 3: Glyph shape representation - Amendment 2: Additional Shape Representation Technology for Open Font Format (identical national adoption of ISO/IEC 9541-3:1994/Amd 2:2009)

Stakeholders: ICT industry.

Project Need: To adopt this International Standard, which will be beneficial to the ICT industry.

This International Standard is the second amendment to ISO/IEC 9541-3:1994.

INCITS/ISO/IEC 13250-2:2006, Information technology - Topic Maps - Part 2: Data model (identical national adoption of ISO/IEC 13250-2:2006)

Stakeholders: ICT industry.

Project Need: To adopt this International Standard, which will be beneficial to the ICT industry.

Specifies the Topic Maps data model. This standard defines the abstract structure and interpretation of topic maps, the rules for merging topic maps and a set of fundamental subject identifiers. The purpose of the data model is to define the interpretation of the Topic Maps interchange syntax, and to serve as a foundation for the definition of supporting standards for canonicalization, querying, constraints, etc.

INCITS/ISO/IEC 13250-3-2007, Information technology - Topic Maps - Part 3: XML syntax (identical national adoption of ISO/IEC 13250-3:2007)

Stakeholders: ICT industry.

Project Need: To adopt this International Standard, which will be beneficial to the ICT industry.

Defines an extensible markup language (XML) vocabulary for interchanging topic maps. The interpretation of the syntax is defined through a mapping from the syntax to the Topic Maps data model defined in ISO/IEC 13250-2. The vocabulary, known as XML Topic Maps (XTM) 2.0, is not designed to be extended or modified. Ease of human authoring was not a primary design goal, and consequently it is not recommended to edit the syntax directly. XTM 2.0 is a revision of the XTM 1.0 vocabulary defined in ISO/IEC 13250:2003, which was adopted verbatim from the XML Topic Maps (XTM) 1.0 specification published by TopicMaps.Org in March 2001.

#### **NFPA2 (National Fluid Power Association)**

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BSR/(NFPA) T3.9.36-200x, Hydraulic fluid power - Pumps and motors - Mathematical models for applications (new standard)

Stakeholders: All parties interested in hydraulic technology, manufacturers, distributors, users, OEMs.

Project Need: To provide standardized methods for model development, e.g., to accommodate the rapidly expanding use of simulation as an analysis tool for hydraulic circuits and systems.

Contains methods by which performance-based mathematical models can be developed for hydraulic pumps and motors. Four different models are included:

- (1) Zero-degree - Linear, ideal, lossless;
- (2) First-degree - Linear, with losses;
- (3) Second-degree - Linear, with losses, case drain; and
- (4) Third-degree - Non-linear, with losses.

Zero-, first-, and second-degree models are based upon a set of linear relationships, and they will produce linear system equations, but only if the shaft speed and displacement do not vary simultaneously.

#### **VC (ASC Z80) (The Vision Council)**

**Office:** 6055A Arlington Boulevard  
Falls Church, VA 22044-2790

**Contact:** *Ken Wood*

**E-mail:** [ken@woodcolorado.com](mailto:ken@woodcolorado.com)

BSR Z80.3-200x, Nonprescription Sunglass and Fashion Eyewear Requirements (revision of ANSI Z80.3-2008)

Stakeholders: Sunglasses suppliers and testing laboratories.

Project Need: To remove section 5.8 because it specifies an incorrect testing method.

Provides requirements for noncorrective lenses that are intended for attenuation of light and for fashion eyewear. Requirements include physical attributes and light attenuation.

#### **WCMA (Window Covering Manufacturers Association)**

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

**Contact:** *Michael Tierney*

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

**E-mail:** [mtierney@kellencompany.com](mailto:mtierney@kellencompany.com);

BSR/WCMA A100.1-200x, Safety of Corded Window Covering Products (revision of ANSI/WCMA A100.1-2007)

Stakeholders: Consumers, manufacturers of window coverings

Project Need: To revise a standard that is currently on provisional

The members of the Window Covering Manufacturers Association, Inc. (WCMA), recognizing that unfortunate accidents, including strangulation, have occurred among young children using certain products having flexible loops made or imported by members of the industry, have prepared this Standard in cooperation with the U.S. Consumer Product Safety Commission (CPSC).

# 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

### AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO/DIS 27608, Animal and vegetable fats and oils - Determination of Lovibond colour - Automatic method - 7/12/2009, \$46.00

### IMPLANTS FOR SURGERY (TC 150)

ISO/DIS 14602, Non-active surgical implants - Implants for osteosynthesis - Particular requirements - 7/11/2009, \$67.00

### NANOTECHNOLOGIES (TC 229)

ISO/DIS 29701, Nanotechnologies - Endotoxin test on nanomaterial samples for in vitro systems - Limulus amoebocyte lysate (LAL) test - 7/11/2009, \$82.00

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

ISO/DIS 19911, Plastics piping and fittings - Format for a technical file for characterizing PE spigot end fittings - 7/9/2009, \$33.00

### SOLID MINERAL FUELS (TC 27)

ISO/DIS 29541, Solid mineral fuels - Determination of total carbon, hydrogen and nitrogen content - Instrumental method - 7/12/2009, \$62.00

### STERILIZATION OF HEALTH CARE PRODUCTS (TC 198)

ISO/DIS 14160, Sterilization of health care products - Liquid chemical sterilizing agents for single-use medical devices utilizing animal tissues and their derivatives - Requirements for characterization, development, validation and routine control of a sterilization process for medical devices - 7/11/2009, \$107.00

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

ISO/DIS 24415-2, Tips for assistive products for walking - Requirements and test methods - Part 2: Durability of tips for crutches - 7/12/2009, \$46.00

## IEC Standards

22F/185/FDIS, IEC 62501: Voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) power transmission - Electrical testing, 05/29/2009

34/127/FDIS, IEC 61547 Ed.2: Equipment for general lighting purposes - EMC immunity requirements, 05/29/2009

56/1315/FDIS, IEC 60300-3-15 Ed. 1.0: Dependability management - Part 3-15: Application guide - Engineering of system dependability, 05/29/2009

62B/735/FDIS, IEC 60601-2-54 Ed.1: Medical electrical equipment - Part 2-54: Particular requirements for the basic safety and essential performance of X-ray equipment for radiography and radioscopy, 05/29/2009

65E/123/FDIS, IEC 62453-1: Field device tool (FDT) interface specification - Part 1: Overview and guidance, 05/29/2009

65E/124/FDIS, IEC 62453-2: Field device tool (FDT) interface specification - Part 2: Concepts and detailed description, 05/29/2009

65E/125/FDIS, IEC 62453-301: Field device tool (FDT) interface specification - Part 301: Communication profile integration - IEC 61784 CPF 1, 05/29/2009

65E/126/FDIS, IEC 62453-302: Field device tool (FDT) interface specification - Part 302: Communication profile integration - IEC 61784 CPF 2, 05/29/2009

65E/127/FDIS, IEC 62453-303-1: Field device tool (FDT) interface specification - Part 303-1: Communication profile integration - IEC 61784 CP 3/1 and CP 3/2, 05/29/2009

65E/128/FDIS, IEC 62453-303-2: Field device tool (FDT) interface specification - Part 303-2: Communication profile integration - IEC 61784 CP 3/4, CP 3/5 and CP 3/6, 05/29/2009

65E/129/FDIS, IEC 62453-306: Field device tool (FDT) interface specification - Part 306: Communication profile integration - IEC 61784 CPF 6, 05/29/2009

65E/130/FDIS, IEC 62453-309: Field device tool (FDT) interface specification - Part 309: Communication profile integration - IEC 61784 CPF 9, 05/29/2009

- 65E/131/FDIS, IEC 62453-315: Field device tool (FDT) interface specification - Part 315: Communication profile integration - IEC 61784 CPF 15, 05/29/2009
- 100/1531/FDIS, IEC 60728-1-2: Cable networks for television signals, sound signals and interactive services - Part 1-2: Performance requirements for signals delivered at the system outlet in operation (TA 5), 05/29/2009
- 113/58/FDIS, IEC 62624 Ed.1: IEEE Standard test methods for measurement of electrical properties of carbon nanotubes, 05/29/2009
- CIS/1/296/FDIS, CISPR 13 Ed.5: Sound and television broadcast receivers and associated equipment - Radio disturbance characteristics - Limits and methods of measurement, 05/29/2009
- 9/1261/FDIS, IEC 62267 Ed.1: Railways applications - Automated Urban Guided Transport (AUGT) - Safety requirements, 06/05/2009
- 22/146/FDIS, IEC 60146-1-1: Semiconductor converters - General requirements and line commutated converters - Part 1-1: Specification of basic requirements, 06/05/2009
- 59L/67/FDIS, IEC 60311-A2 Ed 4.0: Electric irons for household or similar use - Methods for measuring performance, 06/05/2009
- 86B/2845/FDIS, IEC 61202-1 Ed. 3.0: Fibre optic interconnecting devices and passive components - Fibre optic isolators - Part 1: Generic specification, 06/05/2009
- 64/1675/FDIS, IEC 60364-7-717 Ed.2: Low-voltage electrical installations - Part 7-717: Requirements for special installations or locations - Mobile or transportable units, 06/12/2009
- 86B/2846/FDIS, IEC 62134-1 Ed. 2.0: Fibre optic interconnecting devices and passive components - Fibre optic closures - Part 1: Generic specification, 06/12/2009
- 86C/882/FDIS, IEC 62148-11 Ed. 2.0: Fibre optic active components and devices - Package and interface standards - Part 11: 14-pin active device modules, 06/12/2009
- 86C/883/FDIS, IEC 62343-5-1 Ed. 1.0: Dynamic modules - Test methods - Part 5-1: Dynamic gain tilt equalizer - Response time measurement, 06/12/2009
- 113/58A/FDIS, IEC 62624 Ed.1: IEEE Standard test methods for measurement of electrical properties of carbon nanotubes This document cancels and replaces document 113/58/FDIS, 05/29/2009



# Newly Published ISO Standards

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

## **SURFACE CHEMICAL ANALYSIS (TC 201)**

[ISO 23812:2009](#), Surface chemical analysis - Secondary-ion mass spectrometry - Method for depth calibration for silicon using multiple delta-layer reference materials, \$98.00

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

[ISO 13772:2009](#), Forestry machinery - Portable chain-saws - Non-manually actuated chain brake performance, \$65.00

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

[ISO/IEC 15693-3:2009](#), Identification cards - Contactless integrated circuit cards - Vicinity cards - Part 3: Anticollision and transmission protocol, \$141.00

# 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

## 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).

### Withdrawal by Accredited Standards Developer

#### ANSI IEEE Standards

In accordance with ANSI Essential Requirements section 4.2.1.3.2, Withdrawal by an Accredited Standards Developer, the following American National Standards are hereby withdrawn:

ANSI/IEEE 1076.4-2000, IEEE Standard VITAL ASIC (Application Specific Integrated Circuit) Modeling Specification

ANSI/IEEE 802.16-2001/Conformance01-2003, IEEE Standard for Conformance to IEEE Standard 802.16 - Part 1: Protocol Implementation Conformance Statement (PICS) Proforma for 10-66 GHz WirelessMAN-SC Air Interface

ANSI/IEEE 802.16/Conformance02-2003, IEEE Standard for Conformance to IEEE Standard 802.16 - Part 2: Test Suite Structure and Test Purposes (TSS&TP) for 10-66 GHz WirelessMAN-SC Air Interface

ANSI/IEEE 1484.1-2003, IEEE Standard for Learning Technology - Learning Technology Systems Architecture (LTSA)

ANSI/IEEE 2003-1997 (R2003), IEEE Standard for Information Technology - Requirements and Guidelines for Test Methods Specifications and Test Method Implementations for Measuring Conformance to POSIX Standards

ANSI/IEEE 2003.2-1996 (R2002), IEEE Standard for Information Technology - Test Methods for Measuring Conformance to POSIX® - Part II: Shell and Utilities

ANSI/IEEE 1490-2003, IEEE Guide Adoption of PMI Standard - A Guide to the Project Management Body of Knowledge

ANSI/IEEE 1532-2002, IEEE Standard for In-System Configuration of Programmable Devices

ANSI/IEEE C37.18-1979 (R2003), IEEE Standard Enclosed Field Discharge Circuit Breakers for Rotating Electric Machinery

Direct inquiries to: Moira Patterson, (732) 562-3809, [m.patterson@ieee.org](mailto:m.patterson@ieee.org).

## ANSI Accredited Standards Developers

### Approval of Reaccreditations

#### American Dental Association (ADA)

ANSI's Executive Standards Council has approved the reaccreditation of the American Dental Association (ADA), a full ANSI Organizational Member, under its recently revised operating procedures for documenting consensus on proposed American National Standards, effective April 10, 2009. For additional information, please contact: Mr. Paul Bralower, Manager, Standards, American Dental Association, 211 E. Chicago Avenue, Chicago, IL 60611-2678; PHONE: (312) 587-4129; FAX: (312) 440-2529; E-mail: [bralowerp@ada.org](mailto:bralowerp@ada.org).

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

ANSI's Executive Standards Council has approved the reaccreditation of the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), an ANSI Organizational Member and Audited Designator, under its revised 2009 Procedures for ASHRAE Standards Action (PASA), effective April 6, 2009. For additional information, please contact: Ms. Stephanie Reiniche, Manager of Standards, ASHRAE, 1791 Tullie Circle NE, Atlanta, GA 30329-2305; PHONE: (678) 539-1159; E-mail: [sreiniche@ashrae.org](mailto:sreiniche@ashrae.org).

### Reaccreditation

#### American Society of Mechanical Engineers (ASME)

#### Comment Deadline: May 18, 2009

The American Society of Mechanical Engineers (ASME), an ANSI Organizational Member, has submitted revisions to the operating procedures under which it was last reaccredited in February 2008. As these revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of ASME's revised procedures, or to offer comments, please contact: Mr. William Berger, Managing Director, Technical Codes and Standards, ASME, Three Park Avenue, 20th Floor, New York, NY 10016; PHONE: (212) 591-8520, E-mail: [bergerw@asme.org](mailto:bergerw@asme.org). You may view/download a copy of the revisions during the public review period at the following URL: <http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fPublic%20Review%20and%20Comment%2fANS%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d>. Please submit any comments to ASME by May 18, 2009, with a copy to the ExSC Recording Secretary in ANSI's New York Office (FAX: (212) 840-2298; E-mail: [Jthompson@ANSI.org](mailto:Jthompson@ANSI.org)).



# ANSI-ASQ National Accreditation Board (ANAB)

## Public Comments Sought

### Draft ANAB Accreditation Rule S, Accreditation Program for e-Stewards Certification

**Comment Deadline: April 27, 2009**

Public comments are sought on draft ANAB Accreditation Rule S, Accreditation Program for e-Stewards Certification. Interested parties are invited to login to EQM at <http://anab.remoteauditor.com/> to download the document and comment. (Note: A username and password are required. If you do not have a username and password for EQM, go to [http://www.anab.org/UserRegistration/WebBallotUsers\\_Registration.aspx](http://www.anab.org/UserRegistration/WebBallotUsers_Registration.aspx).)

Please submit your comments by April 27, 2009.

# International Organization for Standardization (ISO)

## ISO Proposals for a New Fields of ISO Technical Activity

### Criteria for Calculating and Assessing the Economic Benefits of Energy-Saving measures

**Comment Deadline: May 1, 2009**

SAC (P.R. China) has submitted to ISO a proposal for a new field of ISO technical activity on the above subject, with the intention to develop a single standard on this subject within a new ISO Project Committee.

This proposal has been sent to the members of the ANSI International Committee (AIC). The ANSI VTAG for the ISO/TMB Strategic Advisory Group on Energy efficiency and renewable energy sources will be asked to consider all comments received and develop a recommended ANSI position and comments on this proposal. The recommended ANSI/USNC position and comments will be sent to the AIC for approval prior to being submitted to ISO.

Anyone wishing to review the new work item can request a copy of the proposal by contacting Henrietta Scully, ANSI, via E-mail at [hscully@ansi.org](mailto:hscully@ansi.org) by April 27th, with submission of comments to Steven Cornish, ANSI, via E-mail at [scornish@ansi.org](mailto:scornish@ansi.org) by May 1, 2009.

### Traditional Chinese Medicine

**Comment Deadline: April 24, 2009**

SAC (P.R. China) has submitted to ISO a proposal for a new field of ISO technical activity on the subject of Traditional Chinese Medicine, with the following scope statement:

Standardization in the field of TCM, in terms of basis, application, administration and the related technical fields, such as terminology, diagnosis and treatment methods, manipulation standards, training standards, quality standards of appliance and equipment, and production and usage standards of Chinese herbal medicines and their test methods, etc.

This proposal has been sent to the members of the ANSI International Committee (AIC).

Anyone wishing to review the new work item can request a copy of the proposal by contacting Henrietta Scully, ANSI, via E-mail at [hscully@ansi.org](mailto:hscully@ansi.org) by April 21st, with submission of comments to Steven Cornish, ANSI, via E-mail at [scornish@ansi.org](mailto:scornish@ansi.org) by April 24, 2009.

## Proposal for New Work Items

### Design and Construction of Filling Stations for Liquefied Natural Gas, and Design and Construction of Filling Stations for Compressed Natural Gas

**Comment Deadline: May 1, 2009**

The International Association for Natural Gas Vehicles (IANGV) has submitted to ISO two new work item proposals as follows.

Design and construction of filling stations for liquefied natural gas for vehicles; including equipment, safety devices, maintenance and periodic inspection

and

Design and construction of filling stations for compressed natural gas for vehicles; including equipment, safety devices, maintenance and periodic inspection

These proposals have been sent to the members of the ANSI International Committee (AIC).

Anyone wishing to review the new work item can request a copy of the proposal by contacting Henrietta Scully, ANSI, via E-mail at [hscully@ansi.org](mailto:hscully@ansi.org) by April 24th, with submission of comments to Steven Cornish, ANSI, via E-mail at [scornish@ansi.org](mailto:scornish@ansi.org) by May 1, 2009.

## Call for Administrator of US Technical Advisory Group (TAG)

### ISO/TC 184 – Industrial Automation Systems and Integration, and ISO/TC 184/SC 5 – Architecture and Communications and Integration Frameworks

ANSI has been informed by the National Electrical Manufacturers Association (NEMA) that as of December 31, 2009 NEMA will be relinquishing their role as Administrator of the above US Technical Advisory Group (TAG).

The scope of ISO/TC 184 is as follows:

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

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

Excluded are base standards in the following areas:

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

Information concerning the role of administrator of the US TAG for TC 184 and SC 5 may be obtained by contacting Rachel Howenstine, ANSI, via E-mail at [rhowenstine@ansi.org](mailto:rhowenstine@ansi.org).

## Call for International (ISO) Secretariat

### ISO/TC 184/SC 5 – Industrial Automation Systems and Integration – Architecture and Communications and Integration Frameworks

ANSI has been informed by the National Electrical Manufacturers Association (NEMA), the ANSI delegated Secretariat of ISO/TC 184/SC 5 they wish to relinquish the delegation of the secretariat of the ISO Subcommittee.

SC 5 operates within the scope of ISO/TC 184 as follows:

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

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

Excluded are base standards in the following areas:

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

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).

## Correction

### ISO/TC 212 – Clinical Laboratory Testing and in Vitro Diagnostic Test Systems

The November 28, 2008 issue of Standards Action, under Information Concerning, listed a call for an International (ISO) Secretariat for ISO/TC 212 – Clinical Laboratory testing and in vitro diagnostic test systems. ANSI has been advised that the Clinical and Laboratory Standards Institute (CLSI) will be retaining the delegation of this international Technical Committee secretariat.

## International Electrotechnical Commission (IEC)

### IEC Considering Reactivating IEC/TC 5 - Steam Turbines

The U S National Committee/IEC has been approached by the Secretary of IEC/TC 5 - Steam Turbines, to report that efforts are underway to reactivate the TC which has been in Stand By status for several years. The TC Secretary is visiting the US in June 2009 to meet with representatives of the US power industries to discuss their possible interest. The USNC has been a Non-member of this TC for several years because there was not sufficient interest to maintain active participation and support a Technical Advisory Group (TAG). If the USNC is to again become a Participating Member of IEC/TC 5 a Technical Advisor and TAG Administrator would have to be appointed and a TAG formed of all material interests.

Scope:

The preparation of specifications and standards for the rating and testing of steam turbines.

If anyone is interested in the reactivation of IEC/TC 5, they are invited to contact Charlie Zegers, USNC General Secretary, at [czegers@ansi.org](mailto:czegers@ansi.org).

## U.S. National Committee of the IEC

### U.S. Proposal for Initiation of International Standard

#### IEC TC 114 – Marine Energy Wave, Tidal and Other Water Current Converters

The following proposal for the initiation of an international Standard has been submitted to the International Electrotechnical Commission: IEC TC 114: Marine Energy-Wave, Tidal and Other Water Current Converters

Title:

Design Requirements for Marine Energy Systems

Scope:

This technical specification (TS) provides the essential design requirements to ensure the engineering integrity of wave, tidal and other water current converters for a specified design life. Its purpose is to provide an appropriate level of protection against damage from all hazards that may lead to failure of the primary structure. This technical specification addresses the requirements for subsystems of wave, tidal and other water current converters such as control and protection mechanisms, internal electrical systems, mechanical systems and mooring systems as they pertain to the structural viability of the device under predefined external environmental conditions. This TS applies to wave, tidal and other water current converters of all sizes to include both floating and fixed devices.

For additional information, please contact: Walt Musial, National Wind Technology Center, National Renewable Energy Laboratory, 1617 Cole Blvd., Golden, CO 80401; PHONE: (303) 384-6959; E-Mail: [walter\\_musial@nrel.gov](mailto:walter_musial@nrel.gov).

**Proposed Changes to C119.5-2009, Insulation Piercing Connector Systems, rated 600 volts or less (low voltage aerial bundled cables and insulated and non-insulated line wires)**

**6.2.3 Conductor Damage**

The connector shall be located at the center of the main conductor, secured between two anchorages 0.5 m to 1.5 m (1.6 ft to 5 ft) apart.

The main conductor shall be tensioned to 12% of its rated strength. The connector, with tap conductor, shall subsequently be tightened onto the tensioned main conductor using the maximum torque indicated by the manufacturer.

~~An increasing tensile load shall be applied to the main conductor, at a rate between 1,000 N/min and 5,000 N/min (225 lb/min and 1124 lb/min). The load shall be applied at a cross-head speed not exceeding 20.8 mm per min per meter of the total length (1/4 in. per min per foot of the total length) of the exposed conductor between jaws.~~ A main conductor normally used in service as a phase conductor shall be loaded to 80% of its rated strength. A main conductor normally used in service as a neutral or messenger conductor shall be loaded to 90% of its rated strength. This load shall be maintained for one (1) minute.

**6.3.2.10 Temperature conditions**

The current cycle test current shall be adjusted during the current-ON period of the first one hundred (100) cycles to result in a steady-state temperature rise on the control conductor of 100°C to 105°C. This current shall then be used during the remainder of the test current-ON periods, regardless of the temperature of the control conductor.

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[Note – the changes are seen below using strikethrough 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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**Annex B**  
(normative)

**Product/material evaluation**

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**Table B10 – Extractant water collection and preservation**

Contaminant	Preservative	Container	Storage
herbicide	none	1 L (32 oz) amberglass bottles with PTFE lid	4°C (39°F) ≤ 6°C (43°F), but not frozen
metals, including mercury	Conc. HNO <sub>3</sub> to pH < 2 (1.25 mL)	125 mL (4 oz) HDPE bottles with PTFE lid	room temp.
miscellaneous organics	none	500 mL amber bottle with PTFE lid	4°C (39°F) ≤ 6°C (43°F), but not frozen
pesticides	none	500 mL (16 oz) amber glass bottle with PTFE lid	4°C (39°F) ≤ 6°C (43°F), but not frozen
phenols	H <sub>2</sub> SO <sub>4</sub> to pH < 2 (2.50 mL)	250 mL (8 oz) amber glass bottle with PTFE lid	4°C (39°F) ≤ 6°C (43°F), but not frozen
phthalate	none	1 L glass bottle with PTFE lid (in duplicate)	4°C (39°F) ≤ 6°C (43°F), but not frozen
polyaromatic hydrocarbon	none	1 L glass bottle (in duplicate)	4°C (39°F) ≤ 6°C (43°F), but not frozen
radionuclides	10.0 mL HNO <sub>3</sub>	1 L (32 oz) polyethylene bottle (in duplicate)	room temp.

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**Table B10 – Extractant water collection and preservation**

Contaminant	Preservative	Container	Storage
solvents	none	125 mL (4 oz) amber bottle with PTFE lid	4 °C (39 °F) ≤ 6 °C (43 °F), but not frozen
total kjeldahl nitrogen	H <sub>2</sub> SO <sub>4</sub> to pH < 2	250 mL amber bottle with PTFE lid	4 °C (39 °F) ≤ 6 °C (43 °F), but not frozen
total organic carbon	none	250 mL amber bottle with PTFE lid	4 °C (39 °F) ≤ 6 °C (43 °F), but not frozen
non-section 9 exposure for volatile organic chemicals (VOCs)	HCl	40 mL amber glass vial with PTFE lid	4 °C (39 °F) ≤ 6 °C (43 °F), but not frozen
section 9 exposure for volatile organic chemicals (VOCs)	sodium thiosulfate (a few grains to neutralize the chlorine)	40 mL amber glass vial with PTFE lid	4 °C (39 °F) ≤ 6 °C (43 °F), but not frozen

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## BSR/UL 1993 PROPOSAL

5.3.3 A polymeric material used as an enclosure shall have a flammability rating of 5-VA, 5-VB, or V-0 in accordance with UL 94 or CAN/CSA-C22.2 No. 0.17.

5.3.7 A polymeric material used for direct support as electrical insulation ~~of an enclosure~~ shall be able to withstand the hot wire ignition (HWI), the comparative tracking index test (CTI), and the high current arc ignition (HAI) to a level of at least the values in accordance with Table 5.2.

### Table 5.2

#### Ratings of polymeric materials

Note - The following table only includes entries being revised. Table 5.2 is not shown in its entirety.

<sup>b</sup> Flammability classification determined by prior classification or by 12-mm end-product ( <u>needle</u> ) flame test described in <del>UL 94</del> <u>UL 746C</u> or CAN/CSA-C22.2 No. 0.17.
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**BSR/UL 136****1. Reduction in the Force Used in the Cover Opening Test, Section 9****PROPOSAL**

9.3 If the cover is secured by a twist-lock arrangement requiring a rotating force exerted between the vessel and its cover, the vessel is to be clamped so as to be held stationary. The outermost point of any cover or cover handle is to be attached by a cable to a spring scale capable of being used in the range of ~~100 pounds (45.4 kg)~~ 50 pounds (22.7 kg). The arrangement shall provide the application of a line of force of ~~100 pounds (445 N)~~ 50 pounds (222 N), maintained at 90 degrees to the radius of the point of attachment, from a remote or protected location.

9.6 If the force is to be applied using the spring scale, a pull of ~~100 pounds (445 N)~~ 50 pounds (222 N) is to be maintained while the pressure in the vessel is to be gradually reduced until the cover rotates to the unlocked position. Freeing of a cover to rotate shall not result in any displacement of the cover or escape of steam or water that would result in a risk of fire, electric shock, or injury to persons.