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American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

Comment Deadline: March 15, 2009

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoptions

BSR/AAMI/ISO 10993-5-200x, Biological evaluation of medical devices - Part 5: Tests for in vitro cytotoxicity (identical national adoption and revision of ANSI/AAMI/ISO 10993-5-1999)

Describes test methods to assess the in vitro cytotoxicity of medical devices. These methods specify the incubation of cultured cells in contact with a device and/or extracts of a device either directly or through diffusion. These methods are designed to determine the biological response of mammalian cells in vitro using appropriate biological parameters.

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

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

HI (Hydraulic Institute)

Revisions

BSR/HI 1.3-200x, Rotodynamic (Centrifugal) Pumps for Design and Application (revision of ANSI/HI 1.3-2007)

Provides the reader with information regarding the application of rotodynamic pumps of all industrial/commercial types except vertical single and multistage diffuser types, for various services. No attempt has been made to cover all phases of rotorodynamic pump application, but an endeavor has been made to point out some of the principal features of pumps and the precautions that should be taken in their use.

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

Send comments (with copy to BSR) to: Gregory Romanyshyn, (973) 267-9700, gromanyshyn@pumps.org

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 10B-200x, Standard for Fire Tests of Door Assemblies (revision of ANSI/UL 10B-2008)

Expands the description of a thermocouple assembly used to measure furnace temperatures.

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

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

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

Covers:

- (1) Expansion of scope to include equipment operating at less than 150 V to ground; and
- (2) Revision to permit alternate spacing requirements in accordance with UL 840.

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

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

Comment Deadline: March 30, 2009

ASTM (ASTM International)

The URL to search for scopes of ASTM standards is:

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

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

For new standards and revisions, order from: Corice Leonard, ASTM ; cleonard@astm.org

For all ASTM standards, send comments (with copy to BSR) to:

Corice Leonard, ASTM ; cleonard@astm.org

New Standards

BSR/ASTM F2361-200x, Guide for Ordering Low Voltage (1000 Vac or Less) Alternating Current Electric Motors for Shipboard Service - Up to and Including Motors of 500 Horsepower (new standard)

<http://www.astm.org/Standards/F2361.htm>

Single copy price: \$32.00

BSR/ASTM F2362-200x, Specification for Temperature Monitoring Equipment (new standard)

<http://www.astm.org/Standards/F2362.htm>

Single copy price: \$58.00

BSR/ASTM WK14977-200x, Specification for 6 to 30 inch (152 to 762 mm) Polypropylene (PP) Corrugated Single Wall Pipe and Double Wall Pipe (new standard)

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK14977.htm>

Single copy price: Free

BSR/ASTM WK18469-200x, Specification for Corrugated High Density Polyethylene (HDPE) Water Quality Units (new standard)

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK18469.htm>

Single copy price: Free

BSR/ASTM WK19507-200x, Specification for 30 to 60 in. [750 to 1500 mm] Triple Profile-Wall Polyethylene (PR) Pipe and Fittings for Sanitary Sewer Applications (new standard)

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK19507.htm>

Single copy price: Free

BSR/ASTM WK19508-200x, Specification for 30 to 60 in [750 to 1500 mm] Polypropylene (PP) Triple Wall Pipe and Fittings for Non-Pressure Sanitary Sewer Applications (new standard)

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK19508.htm>

Single copy price: Free

Revisions

BSR/ASTM D2513-200x, Specification for Thermoplastic Gas Pressure Pipe, Tubing, and Fittings (revision of ANSI/ASTM D2513-2008a)
<http://www.astm.org/DATABASE.CART/WORKITEMS/WK19971.htm>
 Single copy price: \$51.00

BSR/ASTM D2846-200x, Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Hot- and Cold-Water Distribution Systems (revision of ANSI/ASTM D2846/D2846M-2006)
<http://www.astm.org/DATABASE.CART/WORKITEMS/WK20283.htm>
 Single copy price: \$43.00

BSR/ASTM D4726-200x, Specification for Rigid Poly(Vinyl Chloride) (PVC) Exterior-Profile Extrusions Used for Assembled Windows and Doors (revision of ANSI/ASTM D4726-2002)
<http://www.astm.org/DATABASE.CART/WORKITEMS/WK9894.htm>
 Single copy price: \$43.00

BSR/ASTM F1216-200x, Practice for Rehabilitation of Existing Pipelines and Conduits by the Inversion and Curing of a Resin-Impregnated Tube (revision of ANSI/ASTM F1216-2008)
<http://www.astm.org/DATABASE.CART/WORKITEMS/WK21876.htm>
 Single copy price: \$37.00

BSR/ASTM F1836M-200x, Specification for Stuffing Tubes, Nylon, and Packing Assemblies (Metric) (revision of ANSI/ASTM F1836M-1997 (R2007))
<http://www.astm.org/DATABASE.CART/WORKITEMS/WK22452.htm>
 Single copy price: \$37.00

BSR/ASTM F2138-200x, Specification for Excess Flow Valves for Natural Gas Service (revision of ANSI/ASTM F2138-2001)
<http://www.astm.org/DATABASE.CART/WORKITEMS/WK15508.htm>
 Single copy price: \$37.00

Reaffirmations

BSR/ASTM D2680-2001 (R200x), Specification for Acrylonitrile-Butadiene-Styrene (ABS) and Poly(Vinyl Chloride) (PVC) Composite Sewer Piping (reaffirmation of ANSI/ASTM D2680-2001)
<http://www.astm.org/Standards/D2680.htm>
 Single copy price: \$37.00

BSR/ASTM F2044-2005 (R200x), Specification for Liquid Level Indicating Equipment, Electrical (reaffirmation of ANSI/ASTM F2044-2005)
<http://www.astm.org/Standards/F2044.htm>
 Single copy price: \$43.00

BSR/ASTM F2176-2002 (R200x), Specification for Mechanical Couplings Used On Polyethylene Conduit, Duct and Innerduct (reaffirmation of ANSI/ASTM F2176-2002)
<http://www.astm.org/Standards/F2176.htm>
 Single copy price: \$32.00

ATIS (Alliance for Telecommunications Industry Solutions)**Revisions**

BSR ATIS 0300074-200x, Guidelines and Requirements for Security Management Systems (revision of ANSI ATIS 0300074-2006)
 Replaces the previously published ATIS 0300074-2006 by aligning with the relevant ITU-T Recommendation M.3410, Guidelines and Requirements for Security Management Systems to Support Telecommunications Management.
 Single copy price: \$43.00
 Obtain an electronic copy from: kconn@atis.org
 Order from: Kerriane Conn, (202) 434-8841, kconn@atis.org
 Send comments (with copy to BSR) to: Same

HL7 (Health Level Seven)**New Standards**

BSR/HL7 EHR CRFP, R1-200x, HL7 EHR Clinical Research Functional Profile, Release 1 (new standard)
 Identifies EHR functions such that, when used to collect source data for clinical research, can supply regulatory authorities with proof that data used to support claims made regarding the safety and efficacy of new medicines can be traced back to a "reliable" data source. Allow new therapies to be available to patients in the shortest time at the lowest cost.

Single copy price: Free
 Obtain an electronic copy from: Karenvan@HL7.org
 Order from: Karen Van Hentenryck, (734) 677-7777, Karenvan@HL7.org
 Send comments (with copy to BSR) to: Same

BSR/HL7 EHR LTCFP, R1-200x, HL7 EHR System Long Term Care Functional Profile, Release 1 - US Realm (new standard)

Serves as a key resource to CCHIT in the development of certification requirements for EHR systems in the Long Term Care - nursing home community. CCHIT has road-mapped LTC certification committee work to begin in late 2008. In addition, this functional profile will provide the foundation for vendor/provider communication regarding expectations and requirements for EHR systems deployed in this care setting.

Single copy price: Free
 Obtain an electronic copy from: Karenvan@HL7.org
 Order from: Karen Van Hentenryck, (734) 677-7777, Karenvan@HL7.org
 Send comments (with copy to BSR) to: Same

ISA (ISA)

New National Adoptions

BSR/ISA 60079-5 (12.00.04)-200x, Explosive Atmospheres - Part 5: Equipment Protection by Powder Filling "q" (national adoption with modifications of IEC 60079-5)

Contains specific requirements for the construction, testing and marking of electrical equipment, parts of electrical equipment, and Ex components in the type of protection powder filling "q", intended for use in explosive gas atmospheres.

Single copy price: \$107.00

Obtain an electronic copy from: ebeattie@isa.org

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

Send comments (with copy to BSR) to: Same

Reaffirmations

BSR/ISA 60079-6 (12.00.05)-200x, Explosive Atmospheres - Part 6: Equipment Protection by Oil Immersion "o" (reaffirmation and redesignation of ANSI/ISA S12.26.01-1998)

Specifies the requirements for the construction and testing of oil-immersed electrical equipment, oil-immersed parts of electrical equipment and Ex components in the type of protection oil immersion "o", intended for use in explosive gas atmospheres.

Single copy price: \$77.00

Obtain an electronic copy from: ebeattie@isa.org

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

Send comments (with copy to BSR) to: Same

NEMA (ASC W1) (National Electrical Manufacturers Association)

New National Adoptions

BSR/IEC 60974-12-200x, Arc Welding Equipment - Part 12: Coupling Devices (national adoption with modifications of IEC 60974- 12 Ed. 2)

Provides safety and performance requirements for coupling devices applicable for welding, cutting and allied processes, and designed for industrial and professional use.

Single copy price: \$150.00

Obtain an electronic copy from:

https://www.nema.org/ballots/60974-12e-ed2_V1-0_for_committee_ballot.doc

Order from: Gregory Winchester, (703) 841-3299, Gre_Winchester@nema.org

Send comments (with copy to BSR) to: Same

TIA (Telecommunications Industry Association)

Revisions

BSR/TIA 470.210-D-200x, Telecommunications - Telephone Terminal Equipment - Resistance and Impedance Performance - Requirements for Analog Telephones (revision and redesignation of ANSI/TIA 470-210-C-2004)

This standard is one of a group of standards in the TIA-470 series providing performance requirements for analog telephones. This document is a TIA Telecommunications standard produced by Subcommittee TR-41.3 of Committee TR-41. This Standard was developed in accordance with TIA procedural guidelines and represents the consensus position of the Subcommittee, which served as the formulating group.

Single copy price: \$55.00

Obtain an electronic copy from: www.global.ihs.com

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

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

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

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

Single copy price: Free

Obtain an electronic copy from: www.global.ihs.com

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

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

UL (Underwriters Laboratories, Inc.)

New National Adoptions

BSR/UL 60745-2-16-200x, Standard for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-16: Particular Requirements for Tackers (identical national adoption of IEC 60745-2-16)

Adopts the second edition of IEC 60745-2-16, Hand-Held Motor-Operated Electric Tools - Safety - Part 2-16: Particular Requirements for Tackers, as a new IEC-based UL standard, UL 60745-2-16.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Beth Northcott, (847) 664-3198, Elizabeth.Northcott@us.ul.com

BSR/UL 61058-1-200x, Switches for Appliances - Part 1: General Requirements (identical national adoption and revision of ANSI/UL 61058-1-2005)

Includes revisions to the IEC text and National Differences to harmonize with second amendment of IEC 61058-1 published in November 2007, the consolidated reprint of IEC 61058-1 Ed. 3.2 published in April 2008, and the Corrigendum to IEC 61058-1 Ed 3.0 published in January 2009.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

Revisions

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

- (1) Clarifies requirements covered or not covered in UL 136;
- (2) Clarifies fire, electric-shock and cover-removal requirements and revises load test methods;
- (3) Clarifies non-evaluations of removable and replaceable parts;
- (4) Deletes logging reference, and revises weight-loaded-type valve requirements;
- (5) Revises requirements for pressure-indicating devices and pressure cooker testing;
- (6) Clarifies Abnormal Heat Supply and the Maximum Operating Pressure for Testing;
- (7) Deletes duplicate requirements;
- (8) Clarifies body height test requirements;
- (9) Clarifies burner test requirements;
- (10) Clarifies cover removal requirements;
- (11) Clarifies pressure cooker test requirements;
- (12) Clarifies supplementary means test requirement; and
- (13) Clarifies corrosion resistance requirements.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

BSR/UL 498-200x, Standard for Safety for Attachment Plugs and Receptacles (Proposal dated February 13, 2009) (revision of ANSI/UL 498-2008)

- (1) Adds requirements to address an attachment plug that incorporates a locking mechanism when inserted into a NEMA straight blade receptacle;
- (2) Adopts ANSI/ESTA E1.24, Entertainment Technology - Dimensional Requirements for Stage Pin Connectors, by Reference in UL 498 3;
- (3) Adds requirements for receptacles employing an integral thermal interruption feature;
- (4) Adds requirements to address separable terminal assemblies; and
- (5) Clarifies tamper-resistant receptacle definition to include their use in dwelling units.

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: Patricia Sena, (919) 549-1636, patricia.a.sena@us.ul.com

BSR/UL 1480-200x, Standard for Safety for Speakers for Fire Alarm, Emergency, and Commercial and Professional Use (Proposals dated 2/13/09) (revision of ANSI/UL 1480-2006)

Proposes revisions to the Power Input Test, Section 23 and New 3.3.1, 3.5.1, and 3.11.1.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Kristin Andrews, (408) 754-6634, Kristin.L.Andrews@us.ul.com

VITA (VMEbus International Trade Association (VITA))**New Standards**

BSR/VITA 46.10-200x, Rear Transition Module for VPX (new standard)

Defines a rear transition module (RTM) for ANSI/VITA 46.0, VPX applications.

Single copy price: Free

Obtain an electronic copy from: techdir@vita.com

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

BSR/VITA 58.0-200x, Line Replaceable Integrated Electronics Chassis - Draft Standard (new standard)

Identifies the common requirements for a chassis capable of accommodating VITA 46 and VITA 48 types of modules for use in rugged environments.

Single copy price: Free

Obtain an electronic copy from: techdir@vita.com

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

Comment Deadline: April 14, 2009

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

ASME (American Society of Mechanical Engineers)**New Standards**

BSR/ASME B89.3.4M-200x, Axes of Rotation Methods for Specifying and Testing (new standard)

Standardizes the methods for specifying and testing axes of rotation of spindles used in machine tools and measuring machines. Appendices are attached that provide advisory information for the interpretation and use of the Standard. The appendices are not part of this Standard.

Single copy price: Free

Obtain an electronic copy from: <http://cstools.asme.org/publicreview>

Order from: Mayra Santiago, ASME; ANSIBOX@asme.org

Send comments (with copy to BSR) to: Fredric Constantino, (212) 591-8684, constantinof@asme.org

BSR/ASME V&V-200x, Standard for Verification and Validation in Computational Fluid Dynamics and Heat Transfer (new standard)

Specifies the verification and validation approach that quantifies the degree of accuracy inferred from the comparison of solution and data for a specified variable at a specified validation point. The approach uses the concepts from experimental uncertainty analysis to consider the errors and uncertainties in both the solution and the data.

Single copy price: Free

Order from: Mayra Santiago, ASME; ANSIBOX@asme.org

Send comments (with copy to BSR) to: Ryan Crane, (212) 591-7004, craner@asme.org

Reaffirmations

BSR/ASME B30.18-2004 (R200x), Stacker Cranes (Top or Under Running Bridge, Multiple Girder with Top or Under Running Trolley Hoist) (reaffirmation of ANSI/ASME B30.18-2004)

Includes provisions that apply to the construction, installation, operation, inspection, and maintenance of hand-powered and power-driven overhead and gantry cranes that have a top or under-running multiple-girder bridge with a vertically guided carriage, with or without a top or under running trolley. The requirements included in this volume also apply to stacker cranes having the same fundamental characteristics, such as cantilever gantry and semi-gantry stacker cranes.

Single copy price: \$45.00

Order from: Mayra Santiago, ASME; ANSIBOX@asme.org

Send comments (with copy to BSR) to: Kathryn Hyam, (212) 591-8521, hyamk@asme.org

ASSE (ASC A10) (American Society of Safety Engineers)**New Standards**

BSR/ASSE A10.36-200x, Safety Requirements for Railroad Construction, Maintenance, Analysis, and Demolition Equipment (new standard)

Provides minimum guidelines for safe work practices in those operations involving railroad construction and maintenance of facilities, track, and supporting equipment.

Single copy price: \$50.00

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

Send comments (with copy to BSR) to: Same

NFPA FIRE PROTECTION STANDARDS DOCUMENTATION

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

NFPA (National Fire Protection Association)

Comment Deadline: April 3, 2009

For order and comment instructions, see [page 20](#).

New Standards

BSR/NFPA 400P-200x, Hazardous Materials Code (new standard)

Applies to the storage, use, and handling of the following hazardous materials in all occupancies and facilities:

- (1) Corrosive solids and liquids;
- (2) Flammable solids;
- (3) Organic peroxide formulations;
- (4) Oxidizer – liquids or solids;
- (5) Pyrophoric solids and liquids;
- (6) Toxic and highly toxic solids and liquids;
- (7) Unstable (reactive) solids and liquids; and
- (8) Water-reactive solids and liquids.

Revisions

BSR/NFPA 13-200x, Standard for the Installation of Sprinkler Systems (revision of ANSI/NFPA 13-2007)

Provides the minimum requirements for the design and installation of automatic fire sprinkler systems and exposure-protection sprinkler systems covered within this standard.

BSR/NFPA 13D-200x, Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes (revision of ANSI/NFPA 13D-2007)

Covers the design and installation of automatic sprinkler systems for protection against the fire hazards in one- and two-family dwellings and manufactured homes.

BSR/NFPA 13R-200x, Standard for the Installation of Sprinkler Systems in Residential Occupancies Up to and Including Four Stories in Height (revision of ANSI/NFPA 13R-2007)

Covers the design and installation of automatic sprinkler systems for protection against fire hazards in residential occupancies up to and including four stories in height.

BSR/NFPA 20-200x, Standard for the Installation of Stationary Pumps for Fire Protection (revision of ANSI/NFPA 20-2007)

Deals with the selection and installation of pumps supplying liquid for private fire protection. The scope of this document shall include liquid supplies; suction, discharge, and auxiliary equipment; power supplies, including power supply arrangements; electric drive and control; diesel engine drive and control; steam turbine drive and control; and acceptance tests and operation.

BSR/NFPA 24-200x, Standard for the Installation of Private Fire Service Mains and Their Appurtenances (revision of ANSI/NFPA 24-2007)

Covers the minimum requirements for the installation of private fire service mains and their appurtenances supplying the following:

- (1) Automatic sprinkler systems;
- (2) Open sprinkler systems;
- (3) Water spray fixed systems;
- (4) Foam systems;
- (5) Private hydrants;
- (6) Monitor nozzles or standpipe systems with reference to water supplies; and
- (7) Hose houses.

This standard shall apply to combined service mains used to carry water for fire service and other uses.

BSR/NFPA 72-200x, National Fire Alarm and Signaling Code (revision of ANSI/NFPA 72-2007)

Covers the application, installation, location, performance, inspection, testing, and maintenance of fire alarm systems, fire warning equipment and emergency warning equipment, and their components.

BSR/NFPA 80-200x, Standard for Fire Doors and Other Opening Protectives (revision of ANSI/NFPA 80-2007)

Regulates the installation and maintenance of assemblies and devices used to protect openings in walls, floors, and ceilings against the spread of fire and smoke within, into, or out of buildings.

BSR/NFPA 99-200x, Standard for Health Care Facilities (revision of ANSI/NFPA 99-2005)

Establishes the criteria to minimize the hazards of fire, explosion, and electricity in health care facilities providing services to human beings.

BSR/NFPA 99B-200x, Standard for Hypobaric Facilities (revision of ANSI/NFPA 99B-2005)

Applies to all hypobaric facilities in which humans will be occupants or are intended to be occupants. This standard shall not apply to hypobaric facilities used for animal experimentation if the size of the hypobaric chamber does not allow for human occupancy.

BSR/NFPA 101A-200x, Guide on Alternative Approaches to Life Safety (revision of ANSI/NFPA 101A-2007)

Consists of a number of different system approaches to life safety. Each chapter is a different system independent of the others and is to be used in conjunction with NFPA 101, Life Safety Code.

BSR/NFPA 105-200x, Standard for the Installation of Smoke Door Assemblies and Other Opening Protectives (revision of ANSI/NFPA 105-2007)

Prescribes the minimum requirements for smoke door assemblies for use in providing safety to life and protection of property from smoke.

BSR/NFPA 110-200x, Standard for Emergency and Standby Power Systems (revision of ANSI/NFPA 110-2005)

Covers performance requirements for power systems providing an alternate source of electrical power to loads in buildings and facilities in the event that the primary power source fails. Power systems covered in this standard include power sources, transfer equipment, controls, supervisory equipment, and all related electrical and mechanical auxiliary and accessory equipment needed to supply electrical power to the load terminals of the transfer equipment.

BSR/NFPA 111-200x, Standard on Stored Electrical Energy Emergency and Standby Power Systems (revision of ANSI/NFPA 111-2005)

Covers performance requirements for stored electrical energy systems providing an alternate source of electrical power in buildings and facilities in the event that the normal electrical power source fails. Systems covered in this standard include power sources, transfer equipment, controls, supervisory equipment, and accessory equipment, including integral accessory equipment, needed to supply electrical power to the selected circuits.

BSR/NFPA 130-200x, Standard for Fixed Guideway Transit and Passenger Rail Systems (revision of ANSI/NFPA 130-2007)

Covers fire protection requirements for underground, surface, and elevated fixed guideway transit and passenger rail systems, including trainways, vehicles, and vehicle maintenance and storage areas, and for life safety from fire in fixed guideway transit and passenger rail system stations, trainways, vehicles, and outdoor vehicle maintenance and storage areas. Fixed guideway transit and passenger rail stations shall pertain to stations accommodating only passengers and employees of the fixed guideway transit and passenger rail systems and incidental occupancies in the stations. This standard establishes minimum requirements for each of the identified subsystems.

BSR/NFPA 291-200x, Recommended Practice for Fire Flow Testing and Marking of Hydrants (revision of ANSI/NFPA 291-2002 (R2007))

Details fire flow testing and the marking of hydrants.

BSR/NFPA 302-200x, Fire Protection Standard for Pleasure and Commercial Motor Craft (revision of ANSI/NFPA 302-2004)

Establishes minimum requirements for the prevention of fire and explosion, and for life safety in case of fire, on boats specified in Section 1.3 of the standard. This standard shall establish minimum requirements for the following:

- (1) Elimination of ignition sources;
- (2) Ventilation of accommodation spaces, fuel tanks, and machinery spaces;
- (3) Use of combustible materials;
- (4) Fire-extinguishing equipment and fire exits; and
- (5) Control of fire-extinguishing agents in machinery spaces.

BSR/NFPA 1123-200x, Code for Fireworks Display (revision of ANSI/NFPA 1123-2006)

Applies to the construction, handling, and use of fireworks and equipment intended for outdoor fireworks display. This standard also shall apply to the general conduct and operation of the display.

BSR/NFPA 1221-200x, Standard for the Installation, Maintenance, and Use of Emergency Services Communications Systems (revision of ANSI/NFPA 1221-2007)

Covers the installation, performance, operation, and maintenance of public emergency services communications systems and facilities. This standard shall not be used as a design specification manual or an instruction manual.

BSR/NFPA 1710-200x, Standard for the Organization and Deployment of Fire Suppression Operations, Emergency Medical Operations, and Special Operations to the Public by Career Fire Departments (revision of ANSI/NFPA 1710-2004)

Contains minimum requirements relating to the organization and deployment of fire-suppression operations, emergency medical operations, and special operations to the public by substantially all career fire departments. These requirements address functions and objectives of fire department emergency service delivery, response capabilities, and resources. This standard also contains the minimum requirements for managing resources and systems, such as health and safety, incident management, training, communications, and pre-incident planning. This standard addresses the strategic and system issues involving the organization, operation, and deployment of a fire department and does not address tactical operations at a specific emergency incident.

BSR/NFPA 1720-200x, Standard for the Organization and Deployment of Fire Suppression Operations, Emergency Medical Operations and Special Operations to the Public by Volunteer Fire Departments (revision of ANSI/NFPA 1720-2004)

Contains minimum requirements relating to the organization and deployment of fire suppression operations, emergency medical operations, and special operations to the public by substantially all volunteer fire departments. These requirements address functions and outcomes of fire department emergency service delivery, response capabilities, and resources. This standard also contains the minimum requirements for managing resources and systems, such as health and safety, incident management, training, communications, and pre-incident planning. This standard addresses the strategic and system issues involving the organization, operation, and deployment of a fire department and does not address tactical operations at a specific emergency incident.

Withdrawals

ANSI/NFPA 430-2004, Code for the Storage of Liquid and Solid Oxidizers (withdrawal of ANSI/NFPA 430-2004)

Applies to the storage and handling of oxidizers that are liquid or solid at ambient conditions. This code shall not apply to the storage of solid and liquid oxidizers for normal use on the premises of one- and two-family dwellings. Separate chapters shall specify requirements for storage of oxidizers by class where the quantities stored are greater than the stated minimums.

ANSI/NFPA 432-2002, Code for the Storage of Organic Peroxide Formulations (withdrawal of ANSI/NFPA 432-2002)

Applies only to commercially available organic peroxide formulations in packages approved by the U.S. Department of Transportation or the Canadian Ministry of Transport.

ANSI/NFPA 434-2002, Code for the Storage of Pesticides (withdrawal of ANSI/NFPA 434-2002)

Applies to both the inside and outside storage of pesticides as described in this code. This code shall apply to restricted-use pesticides, which are required by the Federal Insecticide, Fungicide and Rodenticide Act (FIFRA) in 40 CFR 152.175, to bear the human signal word "Danger" [as defined in 40 CFR 156.10(i)(A)] or those restricted-use pesticides, which when evaluated against NFPA 704, Standard System for the Identification of the Hazards of Materials for Emergency Response (Health Hazard Warning Determination), are determined to be rated as "3" or "4."

ANSI/NFPA 490-2002, Code for the Storage of Ammonium Nitrate (withdrawal of ANSI/NFPA 490-2002)

Applies to the storage of ammonium nitrate in the form of crystals, flakes, grains, or prills including fertilizer-grade as defined by Definitions and Test Procedures for Ammonium Nitrate Fertilizer, dynamite grade, nitrous oxide grade, technical grade, and other mixtures containing 60 percent or more by weight of ammonium nitrate.

Call for Comment Contact Information

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

Order from:

ANSI

American National Standards
Institute
25 West 43rd Street
4th Floor
New York, NY 10036
Phone: (212) 642-4980

ASME

American Society of Mechanical
Engineers
3 Park Avenue, 20th Floor (20N2)
New York, NY 10016
Phone: (212) 591-8521
Fax: (212) 591-8501
Web: www.asme.org

ASSE (Z590)

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

ASTM

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

ATIS

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

comm2000

1414 Brook Drive
Downers Grove, IL 60515

Global Engineering Documents

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

HL7

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

ISA (Organization)

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

NEMA (ASC C34)

National Electrical Manufacturers
Association
1300 North 17th Street, Suite 1752
Rosslyn, VA 22209
Phone: (703) 841-3299
Fax: (703) 841-3399
Web: www.nema.org

NFPA

National Fire Protection
Association
One Batterymarch Park
Quincy, MA 02269-9101
Phone: (617) 984-7241
Fax: (617) 770-3500
Web: www.nfpa.org

Send comments to:

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

ASME

American Society of Mechanical
Engineers
3 Park Avenue, 20th Floor
New York, NY 10016
Phone: (212) 591-7004
Fax: (212) 591-8501
Web: www.asme.org

ASSE (Z590)

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

ASTM

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

ATIS

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

HI

Hydraulic Institute
9 Sylvan Way, Suite 160
Parsippany, NJ 07054-3802
Phone: (973) 267-9700
Fax: (973) 267-9055
Web: www.pumps.org

HL7

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

ISA (Organization)

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

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Association
1300 North 17th Street, Suite 1752
Rosslyn, VA 22209
Phone: (703) 841-3299
Fax: (703) 841-3399
Web: www.nema.org

NFPA

National Fire Protection
Association
One Batterymarch Park
Quincy, MA 02269-9101
Phone: (617) 984-7241
Fax: (617) 770-3500
Web: www.nfpa.org

TIA

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

UL

Underwriters Laboratories, Inc.
333 Pfingsten Road
Northbrook, IL 60062-2096
Phone: (847) 664-3198
Fax: (847) 313-3198
Web: www.ul.com/

VITA

VMEbus International Trade
Association (VITA)
PO Box 19658
Fountain Hills, AZ 85269
Phone: (480) 837-7486
Fax: (480) 837-7486
Web: 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.

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

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

Contact: Barbara Bennett

Phone: (202) 626-5743

Fax: (202) 638-4922

E-mail: bbennett@itic.org

BSR INCITS PN-1699-D-200x, Information technology - AT Attachment-8 ATA/ATAPI Command Set (ATA8-ACS) - Amendment 1 (supplement to ANSI INCITS 452-200x)

BSR/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)

TIA (Telecommunications Industry Association)

Office: 2500 Wilson Blvd
Arlington, VA 22201

Contact: Ronda Coulter

Phone: (703) 907-7974

Fax: (703) 907-7728

E-mail: rcoulter@tiaonline.org

BSR/TIA 470.210-D-200x, Telecommunications - Telephone Terminal Equipment - Resistance and Impedance - Performance Requirements for Analog Telephones (revision and redesignation of ANSI/TIA 470-210-C-2004)

VITA (VMEbus International Trade Association (VITA))

Office: PO Box 19658
Fountain Hills, AZ 85269

Contact: John Rynearson

Phone: (480) 837 7486

Fax: (480) 837 7486

E-mail: techdir@vita.com

BSR/VITA 42.6-200x, XMC - 10-Gigabit Ethernet 4-Lane Protocol Layer Standard (new standard)

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.

ABMA (ASC B3) (American Bearing Manufacturers Association)

Reaffirmations

ANSI/ABMA 18.1-1982 (R2009), Radial Needle Roller Bearings, Metric Design (reaffirmation of ANSI/ABMA 18.1-1982 (R1999)): 2/10/2009

ASABE (American Society of Agricultural and Biological Engineers)

Reaffirmations

ANSI/ASAE S289.2-FEB98 (R2009), Concrete Slip-Form Canal Linings (reaffirmation of ANSI/ASAE S289.2-FEB98 (RFEB04)): 2/10/2009

ANSI/ASAE S296.5-2003 (R2009), General Terminology for Traction of Agricultural Traction and Transport Devices and Vehicles (reaffirmation of ANSI/ASAE S296.5-2003): 2/10/2009

ANSI/ASAE S343.3-1991 (R2009), Terminology for Combines and Grain Harvesting (reaffirmation of ANSI/ASAE S343.3-1991(RFEB04)): 2/10/2009

ANSI/ASAE S396.2-JAN91 (R2009), Combine Capacity and Performance Test Procedure (reaffirmation of ANSI/ASAE S396.2-JAN91(RFEB04)): 2/10/2009

ANSI/ASAE S375.2 JUL97 (R2009), Capacity Ratings and Unloading Dimensions for Cotton Harvester Baskets (reaffirmation of ANSI/ASAE S375.2 JUL97 (RFEB04)): 2/10/2009

ASB (ASC Z50) (American Society of Baking)

Reaffirmations

ANSI/ASB Z50.2-2003 (R2008), Bakery Equipment - Sanitation Standards (reaffirmation and redesignation of ANSI/BISSC Z50.2-2003): 2/10/2009

ASME (American Society of Mechanical Engineers)

Reaffirmations

ANSI/ASME PTC 10-1997 (R2009), Performance Test Code on Compressors and Exhausters (reaffirmation of ANSI/ASME PTC 10-1997 (R2003)): 2/10/2009

ATIS (Alliance for Telecommunications Industry Solutions)

Reaffirmations

ANSI T1.711-1999 (R2009), Number Portability for PCS 1900 Short Message Service and Other Services (reaffirmation of ANSI T1.711-1999 (R2004)): 2/10/2009

CEA (Consumer Electronics Association)

New Standards

ANSI/CEA 774-B-2009, TV Receiving Antenna Performance Presentation and Measurement (new standard): 2/10/2009

Revisions

ANSI/CEA 2028-A-2009, Color Codes for Outdoor TV Receiving Antennas (revision of ANSI/CEA 2028-2005): 2/10/2009

ANSI/CEA 2032-A-2009, Indoor TV Receiving Antenna - Performance Standard (revision of ANSI/CEA 2032-2005): 2/10/2009

EIA (Electronic Industries Alliance)

New Standards

ANSI/EIA 364-04A-2009, Normal Force Test Procedure for Electrical Connectors (new standard): 2/10/2009

ANSI/EIA 595-A-2009, Visual & Mechanical Inspection Multilayer Ceramic Chip Capacitors (new standard): 2/10/2009

Reaffirmations

ANSI/EIA 364-16A-2002 (R2009), Stripping Force (Solderless Wrapped Connection) Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-16A-2002): 2/10/2009

ANSI/EIA 364-30A-2002 (R2009), Capacitance Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-30A-2002): 2/10/2009

ANSI/EIA 364-33A-2002 (R2009), Inductance Measurement Test Procedure for Electrical Connectors (100 nH -100mH) (reaffirmation of ANSI/EIA 364-33A-2002): 2/10/2009

ANSI/EIA 364-69A-2002 (R2009), Inductance Measurement Test Procedure for Electrical Connectors (10 nH -100mH) (reaffirmation of ANSI/EIA 364-69A-2002): 2/10/2009

ANSI/EIA 364-78A-2002 (R2009), Cavity-to-Cavity Leakage Bonding Integrity Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-78A-2002): 2/10/2009

IEEE (Institute of Electrical and Electronics Engineers)

New Standards

ANSI/IEEE 1243-2008, Guide for Improving the Lightning Performance of Transmission Lines (new standard): 2/10/2009

ANSI/IEEE C57.104-2008, Guide for the Interpretation of Gases Generated in Oil-Immersed Transformers (new standard): 2/10/2009

Reaffirmations

ANSI/IEEE 323-2003 (R2008), Standard for Qualifying Class 1E Equipment for Nuclear Power Generating Stations (reaffirmation of ANSI/IEEE 323-2003): 2/10/2009

ANSI/IEEE 661-1979 (R2008), Standard Method for Determining Objective Loudness Ratings of Telephone Connections (reaffirmation of ANSI/IEEE 661-1979 (R1998)): 2/10/2009

ANSI/IEEE 776-1993 (R2008), Recommended Practice for Inductive Coordination of Electric Supply and Communication Lines (reaffirmation of ANSI/IEEE 776-1993 (R2003)): 2/10/2009

ANSI/IEEE 1476-2000 (R2008), Standard for Passenger Train Auxiliary Power Systems Interfaces (reaffirmation of ANSI/IEEE 1476-2000): 2/10/2009

ANSI/IEEE C57.12.58-1991 (R2008), Guide for Conducting a Transient Voltage Analysis of a Dry-Type Transformer Coil (reaffirmation of ANSI/IEEE C57.12.58 (R2002)): 2/10/2009

Revisions

ANSI/IEEE 384-2008, Standard Criteria for Independence of Class 1E Equipment and Circuits (revision of ANSI/IEEE 384-1992 (R1998)): 2/10/2009

ANSI/IEEE 1076-2008, Standard VHDL Language Reference Manual (revision, redesignation and consolidation of ANSI/IEEE 1076-2002, ANSI/IEEE 1076.2-1996 (R2002), and ANSI/IEEE 1076c-2007.): 2/10/2009

ANSI/IEEE 1139-2008, Standard Definitions of Physical Quantities for Fundamental Frequency and Time Metrology - Random Instabilities (revision of ANSI/IEEE 1139-1999): 2/10/2009

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

Reaffirmations

ANSI INCITS 370-2004 (R2009), Information technology - ATA/ATAPI Host Adapters Standard (ATA - Adapter) (reaffirmation of ANSI INCITS 370-2004): 2/10/2009

ANSI INCITS 361-2002, Erratum 2004 (R2009), Information Technology - AT Attachment with Packet Interface - 6 (ATA/ATAPI-6) Erratum (reaffirmation of ANSI INCITS 361-2002 (R2007)): 2/10/2009

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, which is a database of standards information. Note that this database is not exhaustive.

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

ADA (American Dental Association)

Office: 211 E. Chicago
Chicago, IL 60611

Contact: *Becky Sarwate*

Fax: (312) 440-2529

E-mail: sarwater@ada.org

BSR/ADA Specification No. 131-200x, Dental CAD/CAM Machinable Zirconia Blanks (new standard)

Stakeholders: Dental manufacturers, dental laboratories and dental professionals.

Project Need: To address the concerns about the physical and chemical properties of the variety of dental zirconia blanks available for dental CAD/CAM systems.

Specifies clinically relevant requirements and test methods for dental zirconia blanks suitable for use in the fabrication of CAD/CAM restorations. Standardization should provide appropriate chemical and physical properties for dental machinable zirconia blanks used to fabricate CAD/CAM restorations.

BSR/ADA Specification No. 132-200x, Scanning Accuracy of Dental Chair Side and Laboratory CAD/CAM Systems (new standard)

Stakeholders: Dental manufacturers, dental laboratories and dental professionals.

Project Need: To address the concerns about the calibration and verification methods of dental scanners available for dental CAD/CAM systems.

Specifies requirements and test methods for CAD/CAM scanning techniques suitable for use in the fabrication of CAD/CAM restorations. Standardization should provide guidelines to those who provide a complete CAD/CAM system and those who provide only scanning systems.

AGA (ASC Z380) (American Gas Association)

Office: 400 North Capitol Street, NW
Washington, DC 20001

Contact: *Paul Cabot*

Fax: (202) 824-9122

E-mail: pcabot@aga.org

BSR GPTC Z380.1 Addenda-200x, Guide for Gas Transmission and Distribution Piping Systems (revision of ANSI/GPTC Z380.1-2003)

Stakeholders: Natural and LP gas transmission and distribution companies, pipeline and equipment manufacturers.

Project Need: To update the standard.

Contains information and some of the acceptable methods to assist the operator in complying with Federal Gas Pipeline Safety Regulations, Title 49, CFR Parts 191 and 192.

ASC X9 (Accredited Standards Committee X9, Incorporated)

Office: 1212 West Street, Suite 200
Annapolis, MD 21401

Contact: *Janet Busch*

Fax: (410) 267-0961

E-mail: janet.busch@x9.org

BSR X9.100-111-200x, Physical check endorsements (revision and redesignation of ANSI X9.53-1996)

Stakeholders: Financial services industry.

Project Need: To target the correct areas for placement of endorsement overlays in check images.

Provides for the legibility and uniformity of the endorsement process as defined within the exchange standard file format standards. This standard specifies the parameters for the design elements on the back of the check and the placement and data content of endorsements.

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

Office: 1800 East Oakton Street
Des Plaines, IL 60018-2187

Contact: *Timothy Fisher*

Fax: (847) 768-3411

E-mail: TFisher@ASSE.org

ANSI/ASSE A10.42-200X, Rigging Qualifications and Responsibilities in the Construction Industry (revision of ANSI A10.42-2000)

Stakeholders: SH&E professionals working in the construction and demolitions industry.

Project Need: To respond to the consensus of the A10 ASC.

Establishes minimum criteria of knowledge and performance requirements for a qualified rigger in the construction industry. This standard is designed to assist in achieving reasonable safety of all persons and materials during the process of or as the result of rigging, lifting, or movement of loads.

FM (FM Approvals)

Office: 1151 Boston-Providence Turnpike
Norwood, MA 2062

Contact: *Josephine Mahnken*

Fax: (781) 762-9375

E-mail: josephine.mahnken@fmglobal.com

BSR/FM 5580-200x, Hybrid (Water and Inert Gas) Fire Extinguishing Systems (new standard)

Stakeholders: Hybrid fire-extinguishing system manufacturers and designers.

Project Need: To encompass the design and performance requirements for hybrid fire-extinguishing systems for use as fire control and/or extinguishing systems.

Covers design and performance requirements for hybrid fire-extinguishing systems, which include a distribution system connected to a supply of media equipped with nozzles capable of delivering the media. The media is comprised of water and an inert gas. Both components are critical in fire control, suppression, or extinguishment. The water provides cooling, while the gas influences oxygen dilution or displacement and increases the heat capacity of the atmosphere supporting the flame.

IEEE (Institute of Electrical and Electronics Engineers)

Office: 445 Hoes Lane
Piscataway, NJ 08854

Contact: *Lisa Yacone*

Fax: 732-875-0524

E-mail: l.yacone@ieee.org

BSR/IEEE 422-200x, Guide for the Design of Cable and Raceway Systems in Electric Generating Stations (new standard)

Stakeholders: Electric power generation design engineers, and manufacturers of cable and raceway.

Project Need: To provide detailed guidance for the design of generating station cable and raceway systems. Since the withdrawal of IEEE 422 there has been no such guidance available. In addition, there have been technology developments in the materials and construction of cable since the withdrawal of IEEE 422.

Includes cable and raceway systems for fossil-fuel electric generating stations and the portions of nuclear generating stations that are not "nuclear safety related".

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

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

Contact: *Barbara Bennett*

Fax: (202) 638-4922

E-mail: bbennett@itic.org

BSR INCITS PN-1699-D-200x, Information technology - AT Attachment-8 ATA/ATAPI Command Set (ATA8-ACS) - Amendment 1 (supplement to BSR INCITS 452-200x)

Stakeholders: Low-end segment of the storage market, and the consumer storage segment.

Project Need: To correct a number of technical defects that have been noted in the ATA8-ACS standard.

Provides an amendment to INCITS 452-2008, AT Attachment 8 - ATA/ATAPI Command Set (ATA8-ACS), that corrects defects in the standard.

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

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

Contact: *Serena Patrick*

Fax: (202) 638-4922

E-mail: spatrack@itic.org

BSR/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)

Stakeholders: ITC industry.

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

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.

VITA (VMEbus International Trade Association (VITA))

Office: PO Box 19658
Fountain Hills, AZ 85269

Contact: *John Rynearson*

Fax: (480) 837 7486

E-mail: techdir@vita.com

BSR/VITA 42.6-200x, XMC - 10-Gigabit Ethernet 4-Lane Protocol Layer Standard (new standard)

Stakeholders: Manufacturers and users of XMC.

Project Need: To provide a standard for implementing 10-Gigabit Ethernet on ANSI/VITA 42.0, XMC.

Defines an open standard for supporting 10-Gigabit Ethernet over XAUI-switched interconnect protocol on the XMC form factor.

BSR/VITA 51.2-200x, Physics of Failure Reliability Predictions (new standard)

Stakeholders: Manufacturers and users of embedded electronic

Project Need: To incorporate physics of failure methodology into reliability prediction for embedded electronic modules.

Establishes uniform practices, takes advantage of current developments, and clarifies reliability prediction expectations using physics of failure methodologies.

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.
- ASHRAE
- ASME
- ASTM
- GEIA
- 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, select Internet Resources, click on "Standards Information," and see "American National Standards Maintained Under Continuous Maintenance". This information is also available directly at www.ansi.org/publicreview.

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

ISO 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. When making your request, please provide the date of the Standards Action issue in which the draft document you are requesting appears.

ISO Standards

DENTISTRY (TC 106)

ISO/DIS 28158, Dentistry - Integrated dental floss holders - 5/6/2009, \$40.00

FIRE SAFETY (TC 92)

ISO/DIS 14934-1, Fire tests - Calibration and use of heat-flux meters - Part 1: General principles - 5/7/2009, \$62.00

GRAPHICAL SYMBOLS (TC 145)

ISO 7010/DAMd61, Safety sign P012 - No heavy load - 5/7/2009, \$29.00

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

ISO/DIS 22621-5, Plastics piping systems for the supply of gaseous fuels for maximum operating pressures up to and including 2 MPa (20 bar) - Polyamide (PA) - Part 5: Fitness for purpose of the system - 5/11/2009, \$82.00

ISO/DIS 22621-6, Plastics piping systems for the supply of gaseous fuels for maximum operating pressures up to and including 2 MPa (20 bar) - Polyamide (PA) - Part 6: Code of practice for design, handling and installation - 5/11/2009, \$82.00

ROAD VEHICLES (TC 22)

ISO/DIS 10681-1, Road vehicles - Communication on FlexRay - Part 1: General requirements and use case definitions - 5/7/2009, \$29.00

ISO/DIS 10681-2, Road vehicles - Communication on FlexRay - Part 2: Communication layer services - 5/7/2009, \$134.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO/DIS 11839, Machinery for forestry - Glazing and panel materials used in operator enclosures for protection against thrown objects - Test method and performance criteria - 5/7/2009, \$46.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 13156, Information technology - Telecommunications and information exchange between systems - High Rate 60 GHz PHY, MAC and HDMI PAL - 5/5/2009, \$245.00

ISO/IEC DIS 26908, Information technology - Telecommunications and information exchange between systems - MAC-PHY Interface for ECMA-368 - 5/5/2009, \$125.00

IEC Standards

17B/1657/FDIS, IEC 60947-7-3 Ed.2: Low-voltage switchgear and controlgear - Part 7-3: Ancillary equipment - Safety requirements for fuse terminal blocks, 04/03/2009

29/673/FDIS, IEC 60645-6 Ed.1: Electroacoustics - Audiometric equipment - Part 6: Instruments for the measurement of otoacoustic emissions, 04/03/2009

29/674/FDIS, IEC 60645-7 Ed.1: Electroacoustics - Audiometric equipment - Part 7: Instruments for the measurement of auditory brainstem responses, 04/03/2009

40/1972/FDIS, IEC 60286-3-1: Packaging of components for automatic handling - Part 3-1: Packaging of surface mount components on continuous tapes - Type V - Pressed carrier tapes, 04/03/2009

40/1973/FDIS, IEC 60286-3-2: Packaging of components for automatic handling - Part 3-2: Packaging of surface mount components on continuous tapes - Type VI - Blister carrier tapes of 4 mm width, 04/03/2009

46/319/FDIS, IEC 62153-4-10: Metallic communication cable test methods - Part 4-10: Electromagnetic compatibility (EMC) - Shielded screening attenuation test method for measuring the screening effectiveness of feed-throughs and electromagnetic gaskets double coaxial method, 04/03/2009

46C/883/FDIS, IEC 61156-3-1: Multicore and symmetrical pair/quad cables for digital communications - Part 3-1: Work area wiring - Blank detail specification, 04/03/2009

- 46C/884/FDIS, IEC 61156-4: Multicore and symmetrical pair/quad cables for digital communications - Part 4: Riser cables - Sectional specification, 04/03/2009
- 46C/885/FDIS, IEC 61156-4-1: Multicore and symmetrical pair/quad cables for digital communications - Part 4-1: Riser cables - Blank detail specification, 04/03/2009
- 48B/1995/FDIS, IEC 61076-3-114 Ed. 1.0: Connectors for electronic equipment - Product requirements - Part 3-114: Rectangular connectors - Detail specification for protective housings for use with 8-way shielded and unshielded connectors for frequencies up to 600 MHz for industrial environments incorporating the IEC 60603-7 series interface - Variant 11 related to IEC 61076-3-106 - Bayonet coupling type, 04/03/2009
- 48B/1996/FDIS, IEC 61076-3-117 Ed. 1.0: Connectors for electronic equipment - Product requirements - Part 3-117: Rectangular connectors - Detail specification for protective housings for use with 8-way shielded and unshielded connectors for industrial environments incorporating the IEC 60603-7 series interface - Variant 14 related to IEC 61076-3-106 - Push-pull coupling, 04/03/2009
- 55/1100/FDIS, IEC 60264-4-1 A1 Ed. 2.0: Packaging of winding wires, Part 4-1: Methods of test - Delivery spools made from thermoplastic materials, 04/03/2009
- 65B/704/FDIS, IEC 60534-2-4: Industrial-process control valves - Part 2-4: Flow capacity - Inherent flow characteristics and rangeability, 04/03/2009
- 32B/534/FDIS, IEC 60269-1 A1 Ed. 4.0: Low-voltage fuses - General requirements, 04/10/2009
- 34C/874/FDIS, IEC 62386-102 Ed.1: Digital addressable lighting interface - Part 102: General requirements - Control gear, 04/10/2009
- 34C/875/FDIS, IEC 62386-203 Ed.1: Digital addressable lighting interface - Part 203: Particular requirements for control gear - Discharge lamps (excluding fluorescent lamps) (device type 2), 04/10/2009
- 34C/876/FDIS, IEC 62386-204 Ed.1: Digital addressable lighting interface - Part 204: Particular requirements for control gear - Low voltage halogen lamps (device type 3), 04/10/2009
- 55/1099/FDIS, IEC 60264-1 A1 Ed. 1.0: Packaging of winding wires. Part 1: Containers for round winding wires, 04/10/2009
- 110/170/FDIS, IEC 62341-6-1, Ed. 1: Organic light emitting diode (OLED) displays - Part 6-1: Measuring methods of optical and electro-optical parameters, 04/10/2009



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. All paper copies are available from Standards resellers (<http://webstore.ansi.org/faq.aspx#resellers>).

AIRCRAFT AND SPACE VEHICLES (TC 20)

[ISO 27996:2009](#), Aerospace fluid systems - Elastomer seals - Storage and shelf life, \$57.00

EARTH-MOVING MACHINERY (TC 127)

[ISO 10263-1:2009](#), Earth-moving machinery - Operator enclosure environment - Part 1: Terms and definitions, \$43.00

[ISO 10263-2:2009](#), Earth-moving machinery - Operator enclosure environment - Part 2: Air filter element test method, \$65.00

[ISO 10263-3:2009](#), Earth-moving machinery - Operator enclosure environment - Part 3: Pressurization test method, \$43.00

[ISO 10263-4:2009](#), Earth-moving machinery - Operator enclosure environment - Part 4: Heating, ventilating and air conditioning (HVAC) test method and performance, \$65.00

[ISO 10263-5:2009](#), Earth-moving machinery - Operator enclosure environment - Part 5: Windscreen defrosting system test method, \$65.00

[ISO 10263-6:2009](#), Earth-moving machinery - Operator enclosure environment - Part 6: Determination of effect of solar heating, \$43.00

FASTENERS (TC 2)

[ISO 1891:2009](#), Fasteners - Terminology, \$220.00

GEOGRAPHIC INFORMATION/GEOMATICS (TC 211)

[ISO 19115-2:2009](#), Geographic information - Metadata - Part 2: Extensions for imagery and gridded data, \$141.00

LIGHT METALS AND THEIR ALLOYS (TC 79)

[ISO 25902-1:2009](#), Titanium pipes and tubes - Non-destructive testing - Part 1: Eddy-current examination, \$57.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

[ISO 10307-1:2009](#), Petroleum products - Total sediment in residual fuel oils - Part 1: Determination by hot filtration, \$57.00

[ISO 10307-2:2009](#), Petroleum products - Total sediment in residual fuel oils - Part 2: Determination using standard procedures for ageing, \$49.00

PHOTOGRAPHY (TC 42)

[ISO 14524:2009](#), Photography - Electronic still-picture cameras - Methods for measuring opto-electronic conversion functions (OECFs), \$104.00

SOLID MINERAL FUELS (TC 27)

[ISO 10329:2009](#), Coal - Determination of plastic properties - Constant-torque Gieseler plastometer method, \$73.00

TRANSFUSION, INFUSION AND INJECTION EQUIPMENT FOR MEDICAL USE (TC 76)

[ISO 10985:2009](#), Caps made of aluminium-plastics combinations for infusion bottles and injection vials - Requirements and test methods, \$43.00

ISO Technical Specifications

AIRCRAFT AND SPACE VEHICLES (TC 20)

[ISO/TS 16457:2009](#), Space systems - Space environment (natural and artificial) - The Earths ionosphere model: international reference ionosphere (IRI) model and extensions to the plasmasphere, \$57.00

ANALYSIS OF GASES (TC 158)

[ISO/TS 29041/Cor1:2009](#), Gas mixtures - Gravimetric preparation - Mastering correlations in composition - Corrigendum, FREE

HYDROGEN ENERGY TECHNOLOGIES (TC 197)

[ISO/TS 15869:2009](#), Gaseous hydrogen and hydrogen blends - Land vehicle fuel tanks, \$141.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 14762:2009](#), Information technology - Functional safety requirements for Home and Building Electronic Systems (HBES), \$110.00

Proposed Foreign Government Regulations

Call for Comment

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

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

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

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

Information Concerning

American National Standards

INCITS Executive Board

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

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.

PINS Correction

Incorrect Designation

BSR/INCITS/ISO/IEC 19794-8-200x

The PINS listing for an identical national adoption of ISO/IEC 19784-8:2006, which appeared in the PINS section of the February 6, 2009 issue of Standards Action, was designated incorrectly. The standard designation and title are actually BSR/INCITS/ISO/IEC 19794-8-200x, Information technology - Biometric data interchange formats - Part 8: Finger pattern skeletal data, and the standard is an identical national adoption of ISO/IEC 19794-8:2006.

NFPA Fire Protection Standards Documentation

The National Fire Protection Association announced the availability of its semi-annual NFPA Report on Proposals (ROP 2009 ARC) for concurrent review and comment by NFPA and ANSI in the Volume 39, Number 27 issue of Standards Action.

The disposition of all comments received will now be published in the semi-annual NFPA Report on Comments (ROC 2009 ARC).

Report on Comments for 2009 Annual Revision Cycle will be released on February 20, 2009, and contains the disposition of comments received for those proposed documents listed on [page 6](#). As a result of the comments, changes may have been made to some of the Reports, and these changes are included in the Report on Comments. Anyone wishing to review the ROC 2009 ARC may do so at <http://www.nfpa.org/ROPROC>, or may secure a copy from:

2009 Annual Revision Cycle Report on Comments
National Fire Protection Association
Publication Sales Department
11 Tracy Drive
Avon, MA 02322

These documents are for the NFPA 2009 Annual Revision Cycle. The proposed NFPA documents addressed in the Report on Proposals (ROP) and in the follow-up Report on Comments (ROC) will only be presented for action at the NFPA June 2009 Association Technical Meeting to be held June 8-11, 2009 in Chicago, IL when proper Amending Motions have been submitted to the NFPA by the deadline of April 3, 2009. Documents that receive no motions will not be presented at the meeting and instead will be forwarded directly to the Standards Council for action on issuance. For more information on the rules and for up-to-date information on schedules and deadlines for processing NFPA Documents, check the NFPA website (<http://www.nfpa.org>) or contact NFPA's Codes and Standards Administration. Those who sent comments to NFPA (Contact Codes and Standards Administration, NFPA, One Batterymarch Park, Quincy, MA 02269-7471) on the related standards are invited to copy ANSI's Board of Standards Review.

ANSI Accredited Standards Developers

Administrative Reaccreditation

Conveyor Equipment Manufacturers Association (CEMA)

The Conveyor Equipment Manufacturers Association (CEMA) been administratively reaccredited at the direction of ANSI's Executive Standards Council, under operating procedures revised to bring the documents into compliance with the 2009 version of the ANSI Essential Requirements, effective February 9, 2009. For additional information, please contact: Mr. Phil Hannigan, CEMA Executive Secretary, 6724 Lone Oak Blvd., Naples, FL 34109; PHONE: (239) 514-3441, ext. 12; E-mail: phil@cemanet.org.

Reaccreditations

ASC X9 – Financial Industry Standards

ANSI's Executive Standards Council has approved the reaccreditation of Accredited Standards Committee X9, Financial Industry Standards, a full ANSI Organizational Member, under its recently revised operating procedures for documenting consensus on proposed American National Standards, effective February 6, 2009. For additional information, please contact the ASC X9 Secretariat: Ms. Janet Busch, Program Manager, ASC X9, Inc., 1212 West Street, Suite 200, Annapolis, MD 21401; PHONE: (410) 267-7707; FAX: (410) 267-0961; E-mail: janet.busch@x9.org.

SAE International

ANSI's Executive Standards Council has approved the reaccreditation of SAE International, a full ANSI Organizational Member, under its recently revised Technical Standards Board Governance Policy for documenting consensus on proposed American National Standards, effective February 10, 2009. For additional information, please contact: Ms. Cindy Reese, Technical Project Specialist, SAE International, 755 West Big Beaver Road, Troy, MI 48084; PHONE: (248) 273-2470; E-mail: CReese@SAE.org.

ANSI Accreditation Program for Third Party Personnel Certification Agencies

Application for Scope Extension

InfoComm International

Comment Deadline: March 16, 2009

InfoComm International
11242 Waples Mill Road,
Fairfax, VA 22030

InfoComm International has submitted formal application for scope extension by ANSI of the following scope of this certification body:

Certified Technology Specialist-Design CTS-D

Please send your comments by March 16, 2009 to Roy Swift, Ph.D., Program Director, Personnel Certifier Accreditation, American National Standards Institute, 1819 L Street, NW, 6th Floor, Washington, DC 20036, FAX: (202) 293-9287 or e-mail: rsswift@ansi.org.

Initial Accreditation

Instituto Falcao Bauer da Qualidade (IFBQ)

Comment Deadline: March 16, 2009

Instituto Falcao Bauer da Qualidade (IFBQ)

Mr. Paulo Spinosa
Rua Aquinos 111,
Predio II - CJ 11 - Agua Branca
Sao Paulo - SP
CEP: 05036-070
Brazil
PHONE: 55 11 3611-1729
FAX: 55 11 3611-1729
E-mail: paulo@wgs.com.br
Web: www.ifbauer.org.br

On January 28, 2009, the ANSI Accreditation Committee (ACC) voted to approve initial accreditation for Instituto Falcao Bauer da Qualidade (IFBQ) for the following scopes:

SCOPE(S)

Biofuels
Mineral Water

Please send your comments by March 16, 2009 to Reinaldo Balbino Figueiredo, Program Director, Product Certifier Accreditation, American National Standards Institute, 1819 L Street, NW, 6th Floor, Washington, DC 20036, FAX: (202) 293-9287 or e-mail: rfigueir@ansi.org.

ANSI-ASQ National Accreditation Board (ANAB)

Withdrawal of Accreditation

Corporativo Calidad Mexicana Certificada Calmecac, S.C.

Effective February 9, 2009, ANAB has withdrawn its accreditation from Corporativo Calidad Mexicana Certificada Calmecac, S.C., based in Mexico, for both environmental management systems and quality management systems. Calmecac is no longer authorized to issue any new ANAB-accredited certificates, and must withdraw any ANAB-accredited certificates that were issued prior to February 9, 2009.

International Organization for Standardization (ISO)

Call for International (ISO) Technical Committee Secretariat

ISO/TC 136 – Furniture

Comment Deadline: March 6, 2009

ANSI has been advised that Sweden wishes to relinquish the Secretariat for the above ISO technical committee.

The scope of this technical committee is as follows:

Standardization in the field of furniture including: terms and definitions; performance, safety and dimensional requirements; requirements for specific components (such as hardware); test methods.

By furniture is meant free-standing or built-in units which are used for storing, lying, sitting, working and eating.

Excluded: such units with corresponding functions that are dealt with by other ISO technical committees.

Anyone interested in the United States undertaking the secretariat of this technical committee, please contact Henrietta Scully, ANSI, via E-mail hscully@ansi.org by March 6, 2009.

Proposal for New Work Item

Specification of Requirements on Consumer Credit Scoring

Comment Deadline: March 13, 2009

ON (Austria) has submitted to ISO a new work item proposal on the subject of Specification of requirements on consumer credit scoring.

The proposed scope of this new work item is as follows:

The proposed standard will provide requirements for procedures of lenders to assess creditworthiness in the retail business quantitatively with credit scorecards in the focus of the process.

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 by March 10, 2009, with submission of comments to Steven Cornish (scornish@ansi.org) by March 13, 2009.

Request for delegation of International (ISO) Secretariat

ISO/PC 236 – Project Management

Comment Deadline: March 11, 2009

The Project Management Institute (PMI) has requested delegation of the international secretariat for this ISO Project Committee, for which ANSI previously served as international secretary.

This PC has the following scope:

Standardization in the field of project management

Anyone wishing to comment on this request, please contact Henrietta Scully, ANSI, via E-mail at hscully@ansi.org by March 11, 2009.

Request for International (ISO) Secretariat

ISO/TC 121 – Anesthetic and respiratory equipment

Comment Deadline: February 24, 2009

ANSI has been advised that ASTM International wishes to assume the role of US delegated secretariat for this ISO Technical Committee which is being relinquished by the British Standards Institute (BSI).

This TC has the following scope:

Standardization of anesthetic and respiratory equipment and supplies, related devices and supply systems

Anyone wishing to comment on this request may contact Henrietta Scully, ANSI, via e-mail, hscully@ansi.org, by February 24th.

Relinquishment of International (ISO) Secretariat

ISO/TC 59/SC 8 – Building construction - Jointing products

Comment Deadline: March 6, 2009

ANSI has been informed the British Standards Institute (BSI) is relinquishing the secretariat of the above subcommittee.

This SC is covered by the scope of the main Technical Committee (ISO/TC 59), as follows:

Standardization in the field of building and civil engineering, of: general terminology for building and civil engineering; organization of information in the processes of design, manufacture and construction; general geometric requirements for building, building elements and components including modular coordination and its basic principles, general rules for joints, tolerances and fits; general rules for other performance requirements for buildings and building elements including the coordination of these with performance requirements of building components to be used in building and civil engineering; geometric and performance requirements for components that are not in the scope of separate ISO technical committees.

Excluded: acoustic requirements (ISO/TC 43); fire tests on building materials, components and structures (ISO/TC 92); bases for design of structures (ISO/TC 98); calculation of thermal properties (ISO/TC 163).

Anyone interested in the United States undertaking the secretariat of ISO/TC 59/SC 8, please contact Henrietta Scully, ANSI, via E-mail hscully@ansi.org by March 6, 2009.

Meeting Notice

AHRI Meeting

Sponsor: Unitary Large Equipment (ULE) Engineering Committee

Purpose: Review of AHRI Standard(s) 340/360-2007 (formerly ARI Standard 340/360-2007 , Performance Rating of Commercial and Industrial Unitary Air-Conditioning and Heat Pump Equipment and AHRI Standard 365-2002 (formerly ARI Standard 365-2002), Commercial and Industrial Unitary Air-Conditioning Condensing Units

Date: March 24, 2009

Time: 10:00 a.m. EST

Location of Meeting: Microsoft Live Meeting

Contact: Michael Woodford, 703.600.0328, E-mail:

mwoodford@ahrinet.org

**Changes between AAMI CDV-1 10993-5 and AAMI CDV-2 10993-5,
identified as substantive**

This is a proposed U.S. identical adoption of an ISO standard currently at FDIS stage internationally. In addition to the following substantive changes made to the last (DIS) text, ISO also made a number of editorial changes in response to comments on the DIS in preparing the FDIS text. AAMI is only soliciting comments at this time on substantive changes, as outlined below, relative to the proposed national adoption. Anyone who wishes to see the complete final proposed text, including the editorial changes, should contact sbalboni@aami.org."

4.2.1: The following phrase has been added to the end of the first sentence:
"unless this is expected during clinical application."

4.2.2: The following phrase has been added to the end of the first sentence: "and documented"

4.2.3.2: The word "can" has been changed to "shall."

4.2.3.2: The following sentence:

"For materials that are not implanted this may include extraction times less than 24 h but not less than 4 h."

has been changed to read:

"For medical devices that are in short-term contact (no greater than 4 h cumulative contact duration) with intact skin or mucosa and that are not implanted, this may include extraction times of less than 24 h but no less than 4 h, as given in a) to c)"

4.2.3.3: The following phrase has been added to the end of the first sentence:
"along with a rationale for the additional steps"

8.2.3, 8.3.3, 8.4.1.3 and 8.4.2.3: The phrase "5 to 7.5 % (v/v)" has been deleted.

8.3.4: "can" has been changed to "may."

8.5.1: The following sentences have been added:

New second paragraph after Table 2:

"The achievement of a numerical grade greater than 2, based on Tables 1 and 2, is considered a cytotoxic effect."

Added to the paragraph beginning with, "Reduction of cell viability...":

"Other criteria including different cut-off points or an acceptable ration of test-to-control result shall be justified for alternate cell lines of multi-layered tissue constructs. The criteria shall be justified and documented."

8.5.3: The word, "should," has been changed to, "shall."

9: The following new list items have been added:

- "name and address of the testing facility"
- "name of the person(s) who conducted the test"
- "dates of the start and end of the test"

9: List item c) has been read to read, "name of company and batch of medium, serum and antibiotics, when added"

10: The following sentence:

"Nevertheless the device cannot necessarily be unsuitable for a given clinical application,"

has been changed to read:

"However, it is primarily an indication of potential for in vivo toxicity and the device cannot necessarily be unsuitable for a given clinical application based solely on cytotoxicity data."



Original Document Number..... ANSI/HI 1.3-2007
 New Document Number ANSI/HI 1.3-2009
 Document Title..... *American National Standard for Rotodynamic (Centrifugal) Pumps for Design and Application*
 Original Approval Date..... September 12, 2007
 Sponsor and Publisher Hydraulic Institute
 Contact..... Gregg Romanyshyn gromanyshyn@pumps.org

Error Correction Summary:

Page 34, paragraph 1.3.5.4.2.4

Original equation:

$$\text{For } 0 \leq X \leq C \quad \delta_x = \frac{P}{3E} \left\{ \frac{ZA(Z-X)}{I_A} + C^3 \left(\frac{1}{I_C} - \frac{1}{I_B} \right) + \frac{Z^3}{I_B} + \frac{X^3}{2I_C} + \frac{3X}{2} \left[C^2 \left(\frac{1}{I_C} - \frac{1}{I_B} \right) + \frac{Z^2}{I_B} \right] \right\}$$

Corrected equation:

$$\text{For } 0 \leq X \leq C \quad \delta_x = \frac{P}{3E} \left\{ \frac{ZA(Z-X)}{I_A} + C^3 \left(\frac{1}{I_C} - \frac{1}{I_B} \right) + \frac{Z^3}{I_B} + \frac{X^3}{2I_C} - \frac{3X}{2} \left[C^2 \left(\frac{1}{I_C} - \frac{1}{I_B} \right) + \frac{Z^2}{I_B} \right] \right\}$$

Original equation:

$$\text{For } X > C \quad \delta_x = \frac{P}{3E} \left[\frac{ZAZ-X}{I_A} + \frac{Z^3}{I_B} + \frac{X^3}{2I_C} - \frac{3XZ^2}{2I_B} \right]$$

Corrected equation:

$$\text{For } X > C \quad \delta_x = \frac{P}{3E} \left[\frac{ZA(Z-X)}{I_A} + \frac{Z^3}{I_B} + \frac{X^3}{2I_C} - \frac{3XZ^2}{2I_B} \right]$$

Page 38, paragraph 1.3.5.4.2.6

Original Equation:

$$\text{For } A < X \leq (A+B)$$

$$\delta_x = \delta_0 + \frac{P}{6EI_C} \left\{ \frac{(A+B+C-X)^3 - (B+C-X)^3 - 3A(B+C)^2}{2} + \left(\frac{K_2 - K_3}{K_2 K_3} \right) - \frac{3X^2}{2} \left(\frac{A}{K_3} + \frac{B+C}{K_2} \right) + \frac{X^2}{2K_2} \right\}$$

Corrected equation:

$$\text{For } A < X \leq (A+B)$$

$$\delta_x = \delta_0 + \frac{P}{6EI_C} \left\{ \frac{(A+B+C-X)^3 - (B+C-X)^3 - 3A(B+C)^2}{2} \left(\frac{K_2 - K_3}{K_2 K_3} \right) - \frac{3X^2}{2} \left(\frac{A}{K_3} + \frac{B+C}{K_2} \right) + \frac{X^2}{2K_2} \right\}$$

Original Document Number..... ANSI/HI 1.3-2007
 New Document Number ANSI/HI 1.3-2009
 Document Title..... *American National Standard for Rotodynamic (Centrifugal) Pumps for Design and Application*
 Original Approval Date..... September 12, 2007
 Sponsor and Publisher Hydraulic Institute
 Contact..... Gregg Romanyshyn gromanyshyn@pumps.org

Page 42, sample calculation

Original Calculation:

Shaft stiffness at the impeller location is

$$K_S = \frac{M_f g}{\delta_0} = \frac{220.5}{0.0018} = 1.248 \times 10^7 \text{ lb/in}$$

Dry critical speed is

$$f_{DRY} = \frac{1}{2\pi} \left(\frac{1.248 \times 10^5 \times 386.22}{220.5} \right)^{0.5} = 74.4 \text{ Hz}$$

Corrected Calculation:

Shaft stiffness at the impeller centerline is

$$K_S = \frac{M_f g}{\delta_0} = \frac{220.5}{0.0018} = 1.225 \times 10^5 \text{ lb/in}$$

Dry critical speed is

$$f_{DRY} = \frac{1}{2\pi} \left(\frac{1.225 \times 10^5 \times 386.22}{220.5} \right)^{0.5} = 73.7 \text{ Hz}$$

Page 77, paragraph 1.3.6.6.1

Original equation

$$\text{(Metric units)} \quad \Delta t = \frac{H}{104 \times C_p} \left(\frac{1}{\eta} - 1 \right)$$

Corrected equation

$$\text{(Metric units)} \quad \Delta t = \frac{H}{102 \times C_p} \left(\frac{1}{\eta} - 1 \right)$$

BSR/UL 10B
Standard for Fire Tests of Door Assemblies

1. Expansion of the Description of a Thermocouple Assembly Used to Measure Furnace Temperatures

4.1 The temperatures of the test exposure shall be deemed to be the average temperature obtained from the readings of not less than nine thermocouples symmetrically disposed and distributed to show the temperature near all parts of the test assembly, see Figure 4.1. The thermocouple assembly is to consist of a thermocouple protected by a sealed porcelain tube having a 3/4 inch (19.1 mm) outside diameter and 1/8 inch (3.2 mm) wall thickness or, a base-metal thermocouple, protected by: (1) a 1/2-inch (12.7-mm) wrought-steel or wrought-iron pipe of standard weight or (2) Inconel 600 series schedule 40 pipe (0.8 inch OD / 0.6 inch ID, 20 mm OD / 15 mm ID). The end of the thermocouple assembly is to be initially located 6 inches (152 mm) from the exposed face of the door assembly or from the wall assembly in which the door assembly is installed. During the fire exposure, if the movement of the test sample causes the sample's distance to the end of the thermocouple assembly to vary, the end of the thermocouple assembly is to be reset to 6 inches (152 mm) at intervals not exceeding 10 minutes during the first 30 minutes of the test. Thereafter, the intervals are to be increased to not more than 30 minutes.

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1.2 These requirements cover equipment intended for use in circuits that are solidly grounded and that operate at 150 volts, or more, to ground, but not more than 600 volts phase-to-phase.

1.3 These requirements do not cover equipment intended to be powered from single-phase circuits operating at more than 600 volts or three-phase circuits operating at more than 600 volts phase-to-phase

14.1 The spacings in ground-fault sensing and relaying equipment shall not be less than those indicated in Table 14.1.

Exception No. 1: These spacing requirements do not apply to the inherent spacings of a component, such as spacings being determined on the basis of the requirements for the component in question.

Exception No. 2: The spacing requirements of 14.1 do not apply when the alternative spacings of Section 14A are met.

14A Alternative Spacings

14A.1 With reference to Exception No. 2 of 14.1, the spacing requirements in the Standard for Insulation Coordination Including Clearances and Creepage Distances for Electrical Equipment, UL 840, may be used. The spacing requirements of UL 840 shall not be used for field wiring terminals or for spacings to a dead metal enclosure. The characteristics of 14A.2 - 14A.6 shall be used in applying the requirements of UL 840.

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

14A.3 The environment for a printed wiring board assembly is considered to be:

a) Pollution degree 2 for:

1) An assembly with a conformal coating complying with the requirements for conformal coatings in the Standard for Polymeric Materials - Industrial Laminates, Filament Wound Tubing, Vulcanized Fibre, and Materials Used In Printed-Wiring Boards, UL 746E,

2) An assembly without a conformal coating when the printed wiring board is contained in a sealed housing that complies with the Dust Test, Section 27A, or

b) Pollution degree 1 for an assembly complying with the Printed Wiring Board Coating Performance Test in UL 840.

14A.4 For the purpose of applying this alternative, all printed wiring boards complying with the Standard for Printed Wiring Boards, UL 796 shall be considered as having a minimum comparative tracking index of 100 without further investigation.

14A.5 In order to apply Clearance B (controlled overvoltage) clearances, control of overvoltage shall be achieved by providing an overvoltage protection device or system as an integral part of the equipment.

14A.6 Where measurement of clearances and creepage distances is involved to establish the minimum spacings, the methods specified in Measurement of Clearance and Creepage Distances in the Standard for Insulation Coordination Including Clearances and Creepage Distances for Electrical Equipment, UL 840 shall be used.

17.1 Performance of ground-fault current sensing and relaying equipment shall be investigated by subjecting representative devices to the tests described in Sections 18 - ~~27~~27A, except that the same representative device shall be subjected to all of the tests in Calibration, Section 21.

27A Dust Test

27A.1 To determine compliance with 14A.3(a)(2), each of six devices, each mounted in a different mounting orientation, is to be placed, deenergized, in an air-tight chamber having an internal volume of at least 3 cubic feet (0.09 m³).

27A.2 A 2-oz. (0.06-kg) quantity of cement dust, maintained at a relative humidity of 20 - 50 percent, and capable of passing through a 200 mesh screen, is to be circulated for 15 minutes by means of compressed air or a blower so as to completely envelop the device in the chamber. The air flow is to be maintained at an air velocity of approximately 50 fpm (0.25 m/s).

27A.3 Following the exposure to dust, the exterior of the device is to be cleaned carefully. The device is to be opened and examined for the presence of dust. To be considered as meeting Pollution Degree 2, there shall not be any evidence of dust in the interior of the device.