ANSI STANDARDS ACTION

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Contents

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

ISSN 0038-9633

Comment Deadline: May 31, 2009

ASME (American Society of Mechanical Engineers)

Revisions

BSR/ASME B31E-200x, Standard for the Seismic Design and Retrofit of Above-Ground Piping Systems (revision of ANSI/ASME B31E-2008)

Applies to aboveground, metallic piping systems in the scope of the ASME B31 Code for Pressure Piping (sections B31.1, B31.3, B31.4, B31.5, B31.8, B31.9, B31.11). The requirements described in this standard are valid when the piping system complies with the materials, design, fabrication, examination, testing and inspection requirements of the applicable ASME B31 section.

Click here to see these changes in full, or look at the end of "Standards Action."

Send comments (with copy to BSR) to: Colleen O'Brien, (212) 591-7881, obrienc@asme.org

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 758-200x, Standard for Safety for Appliance Wiring Material (Proposal Dated 5/1//09) (revision of ANSI/UL 758-2008b)

Recirculates the following proposals:
(1) Addition of acceptable materials - FRPE and EPDM to Table 7.1; and
(2) Clarification of materials Subjected to Conductor Corrosion Test, Revised 18.1; Deformation Test Requirements - Revised 19.1 to include temperature limits for fluoropolymers and Table 19.1 to include THV.

Click here to see these changes in full, or look at the end of "Standards Action."

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

BSR/UL 1839-200x, Standard for Safety for Automotive Battery Booster Cables (revision of ANSI/UL 1839-2007)

Revises the Battery Booster Cable Flame Test.

Click here to see these changes in full, or look at the end of "Standards Action."

Send comments (with copy to BSR) to: Elizabeth Sheppard, (847) 664-3276, Elizabeth.H.Sheppard@us.ul.com

Comment Deadline: June 15, 2009

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoptions

BSR/AAMI/ISO 25539-3-200x, Cardiovascular implants - Endovascular devices - Part 3: Vena cava filters (identical national adoption of ISO/CD 25539-3)

Specifies requirements for vena cava filters, based upon current medical knowledge. With regard to safety, this standard gives requirements for:
- intended performance;
- design attributes;
- materials;
- design evaluation;
- manufacturing;
- sterilization;
- packaging; and
- information supplied by the manufacturer.

Single copy price: $20.00 (AAMI members)/$25.00 (List)

Obtain an electronic copy from: www.aami.org

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

Send comments (with copy to BSR) to: Cliff Bernier, (703) 525-4890, x229, CBernier@aami.org

Revisions

BSR/AAMI ST72-200x, Bacterial endotoxin -Test methodologies, routine monitoring and alternatives to batch testing (revision of ANSI/AAMI ST72-2002)

Specifies general criteria to be applied in the determination of bacterial endotoxins (pyrogens) on sterilized or sterilizable healthcare products, components or raw materials. Endotoxin methodologies covered include both qualitative (limit) methods and quantitative (end-point) methods. Excludes determination of pyrogens other than bacterial endotoxins and acceptable levels for bacterial endotoxins.

Single copy price: $20.00 (hardcopy)/Free (electronic) (AAMI members); $25.00 (List)

Obtain an electronic copy from: www.aami.org

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

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

AHRI (Air-Conditioning, Heating, and Refrigeration Institute)

Withdrawals

ANSI/AHRI Standard 440-2005, Performance Rating of Room Fan-Coils (withdrawal of ANSI/AHRI Standard 440-2005)

Applies to room fan-coils of 1500 cfm or less.

Single copy price: Free (download); $20.00 (paper copy)

Obtain an electronic copy from: http://www.ahrinet.org

Order from: Doug Burke, (703) 524-8800, dburke@ahrinet.org

Send comments (with copy to BSR) to: Michael Woodford, (703) 524-8800, woodford@ahrinet.org

AISC (American Institute of Steel Construction)

Revisions

BSR/AISC 341-200x, Seismic Provisions for Structural Steel Buildings (revision of ANSI/AISC 341-2005)

Provides information on the design and construction of structural steel members and connections in the Seismic Load Resisting Systems in buildings and other structures. The design forces in these structures shall result from earthquake motions detemined on the basis of various levels of energy dissipation in the inelastic range of response.

Single copy price: $12.00

Obtain an electronic copy from: cummins@aisc.org

Order from: Janet Cummins, (312) 670-5410, cummins@aisc.org

Send comments (with copy to BSR) to: Same

ASC X9 (Accredited Standards Committee X9, Incorporated)

Revisions

BSR X9.100-160 Part 1-200x, Magnetic Ink Printing (MICR) - Part 1: Placement and Location (revision of ANSI X9.100-160 Part 1-2004)

Covers only the design considerations that apply to placement and location of magnetic ink printing on checks, drafts, and other documents intended for automated processing among depository institutions.

Single copy price: $100.00

Obtain an electronic copy from: janet.busch@x9.org

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

Send comments (with copy to BSR) to: Same

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

New Standards

BSR/ASHRAE/USGBC/IESNA Standard 189.1P-200x, Standard for High-Performance Green Buildings Except Low-Rise Residential Buildings (new standard)

Provides the minimum criteria that apply to new buildings and major renovation projects (new portions of buildings and their systems): a building or group of buildings, including on-site energy conversion or electric-generating facilities, which utilize a single submittal for a construction permit or which are within the boundary of a contiguous area under single ownership and address; sustainable sites; water-use efficiency; energy efficiency; the building's impact on the atmosphere, materials and resources; and indoor environmental quality (IEQ).

Single copy price: $35.00

Obtain an electronic copy from: http://www.ashrae.org/technology/page/331

Order from: standards.section@ashrae.org

Send comments (with copy to BSR) to: http://www.ashrae.org/technology/page/331

Addenda

BSR/ASHRAE/IESNA Addendum e to Standard 90.1-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

Revises section 6.3.2, and 6.5.6.1 in response to comments from the 2nd PR draft, and deletes a reference to Chapter 12 to include ARI 1060-2005, Performance Rating of Air-to-Air Heat Exchangers for Energy Recovery Ventilation Equipment.

Single copy price: $35.00

Obtain an electronic copy from: http://www.ashrae.org/technology/page/331

Order from: standards.section@ashrae.org

Send comments (with copy to BSR) to: http://www.ashrae.org/technology/page/331

ASME (American Society of Mechanical Engineers)

Revisions

BSR/ASME B16.34-200x, Valves - Flanged, Threaded, and Welding End (revision of ANSI/ASME B16.34-2004)

Applies to new construction, and covers pressure-temperature ratings, dimensions, tolerances, materials, nondestructive examination requirements, testing, and marking for cast, forged and fabricated, flanged, threaded, welding-end and wafer or flangeless valves of steel, nickel-base alloys, and other alloys.

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: Adam Maslowski, (212) 591-8017, maslowskia@asme.org

AWS (American Welding Society)

Revisions

BSR/AWS A3.0M/A3.0-200x, Standard Welding Terms and Definitions (revision of ANSI/AWS A3.0-2001)

Provides a glossary of the technical terms used in the welding industry. The purpose of this standard is to establish standardized terms to aid in the communication of welding information. Since it is intended to be a comprehensive compilation of welding terminology, nonstandard terms used in the welding industry are also included.

Single copy price: $102.00

Obtain an electronic copy from: roneill@aws.org

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

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

AWWA (American Water Works Association)

Revisions

BSR/AWWA C710-200x, Cold-Water Meters - Displacement Type, Plastic Main Case (revision of ANSI/AWWA C710-2002)

Describes the various types and classes of cold-water displacement meters with plastic main cases, in sizes 1/2 in. (13 mm) through 1 in. (25 mm), for water utility customer service, and the materials and workmanship employed in their fabrication. The displacement meters described, known as nutating-disc or oscillating-piston meters, are positive in action because the pistons and discs displace or carry over a fixed quantity of water for each nutation or oscillation when operated under positive pressure.

Single copy price: $20.00

Obtain an electronic copy from: llobb@awwa.org

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

Send comments (with copy to BSR) to: Same

CRRC (Cool Roof Rating Council)

New Standards

BSR/CRRC 1-200x, CRRC-1 Standard (new standard)

Measures the initial and aged solar reflectance and thermal emittance of roofing products. This standard describes sample preparation and testing procedures.

Single copy price: Free

Obtain an electronic copy from: michelle@coolroofs.org

Order from: Michelle van Tijen, (510) 482-4420, x246, michelle@coolroofs.org; info@coolroofs.org

Send comments (with copy to BSR) to: Same

Green Seal (Green Seal, Inc.)

New Standards

BSR/GS-46-200x, Green Seal Environmental Standard for Restaurants and Food Services (new standard)

Establishes environmental requirements for restaurants and food service operations that have been operating for at least three months whose primary business is preparing and serving food to the general public or private consumers. This includes full-service, limited-service, non-commercial, and catering operations. Lodging property food services are included in this standard. This standard does not include bars, vending, grocery stores, or convenience stores.

Single copy price: Free

Obtain an electronic copy from: standards@greenseal.org

Order from: Cheryl Baldwin, (202) 872-6400, cbaldwin@greenseal.org

Send comments (with copy to BSR) to: Same

ISA (ISA)

New National Adoptions

BSR/ISA 62337-200x, Commisioning of Electrical, Instrumentation and Control Systems in the Process Industry - Specific Phases and Milestones (national adoption with modifications of IEC-62337)

Defines specific phases and milestones in the commissioning of electrical, instrumentation and control systems in the process industry. By way of example, this standard describes activities following the “completion-of-erection” milestone of the project and prior to the “acceptance-of-the-plant” phase by the owner. Such activities need to be adapted for each type of process/plant concerned.

Single copy price: $99.00 (usd)

Obtain an electronic copy from: crobinson@ISA.org

Send comments (with copy to BSR) to: Charles Robinson, (919) 990-9213, crobinson@ISA.org

BSR/ISA 62381-200x, Automation Systems in the Process Industry - Factory Acceptance Test (FAT), Site Acceptance Test (SAT), and Site Integration Test (SIT) (national adoption with modifications of IEC-62381)

Defines procedures and specifications for the Factory Acceptance Test (FAT), the Site Acceptance Test (SAT), and the Site Integration Test (SIT). These tests are carried out to prove that the automation system is in accordance with the specification.

Single copy price: $99.00 (usd)

Obtain an electronic copy from: crobinson@ISA.org

Send comments (with copy to BSR) to: Charles Robinson, (919) 990-9213, crobinson@ISA.org

BSR/ISA 62382-200x, Electrical and Instrumentation Loop Check (national adoption with modifications of IEC-62382)

Describes the steps recommended to complete a loop check, which comprises the activities between the completion of the loop construction (including installation and point-to-point checks) and the start-up of cold commissioning. This standard is applicable for the construction of new plants and for expansion/retrofits (i.e., revamping) of E&I installations in existing plants (including PLC, BAS, DCS, panel-mounted and field instrumentation).

Single copy price: $99.00 (usd)

Obtain an electronic copy from: crobinson@ISA.org

Send comments (with copy to BSR) to: Charles Robinson, (919) 990-9213, crobinson@ISA.org

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

New Standards

BSR INCITS 409.5-200x, Information technology - Biometric Performance Testing and Reporting - Part 5: Framework for Testing and Evaluation of Biometric System(s) for Access Control (new standard)

Defines a general-purpose test methodology for scenario evaluation of biometric access control system(s) and subsystem(s). The standard specifies test planning, execution, and reporting requirements. The standard establishes grade levels as functions of observed false reject rates at each of three separate false accept rates, failure-to-enroll rate, and transaction time.

Single copy price: $30.00

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

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

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

BSR INCITS 456-200x, Information technology - Speaker Recognition Format for Raw Data Interchange (SIVR) (new standard)

Specifies a concept and data format for representation of the human voice at the raw-data level with optional inclusion of non-standardized extended data. This standard does not address handling of data that has been processed to the feature or voice-model levels.

Single copy price: $30.00

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

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

New National Adoptions

BSR/INCITS/ISO/IEC 11770-2-2008, Information technology - Security techniques - Key management - Part 2: Mechanisms using symmetric techniques (identical national adoption of ISO/IEC 11770-2:2008[2008])

Concerns 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

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

Send comments (with copy to BSR) to: Serena Patrick, (202) 626-5741, spatrick@itic.org

BSR/INCITS/ISO/IEC 15948-200x, Information technology - Computer graphics and image processing - Portable Network Graphics (PNG): Functional specification (identical national adoption of ISO/IEC 15948:2004)

Specifies a datastream and an associated file format, Portable Network Graphics (PNG, pronounced "ping"), for a lossless, portable, compressed individual computer graphics image transmitted across the Internet. Indexed-color, greyscale, and true-color images are supported, with optional transparency. Sample depths range from 1 to 16 bits.

Single copy price: $30.00

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

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

Send comments (with copy to BSR) to: Serena Patrick, (202) 626-5741, spatrick@itic.org

MedBiq (MedBiquitous Consortium)

New Standards

BSR/MEDBIQ AR.10.1-200x, Activity Report (new standard)

Leverages the Healthcare Professional Profile and the Healthcare Learning Object Metadata. This standard provides one or more activity reports that describe in detail the healthcare professional, the continuing education or certification activity in which he/she participated, the professional's interaction with the activity, the continuing education credit certificate awarded, point-of-care learning data, and the organization reporting the activity.

Single copy price: Free

Obtain an electronic copy from: Download at http://www.medbiq.org/std_specs/specifications/index.html#ActivityReport

Order from: Jody Poet, (410) 385-2367, ext. 137, jpoet@medbiq.org

Send comments (with copy to BSR) to: Valerie Smothers, (410) 385-2367, valerie.smothers@medbiq.org

BSR/MEDBIQ ME.10.1-200x, MedBiquitous Medical Education Metrics (new standard)

Provides a common XML format for exchanging evaluation data for clinical education designed to improve the performance of healthcare professionals. Version 1 of the MedBiquitous Medical Education Metrics standard (MEMs) includes an activity description, participation metrics, learner demographics, participant activity evaluation, and knowledge assessment data.

Single copy price: Free

Obtain an electronic copy from: Download at: http://www.medbiq.org/std_specs/specifications/index.html#MedicalEducationMetrics

Order from: Jody Poet, (410) 385-2367, ext. 137, jpoet@medbiq.org

Send comments (with copy to BSR) to: Valerie Smothers, (410) 385-2367, valerie.smothers@medbiq.org

MHI (Material Handling Industry)

New Standards

BSR/MHI ECMA 15-200x, Specifications for Cable-Less Controls for Electric Overhead Traveling Cranes (new standard)

Provides information regarding the requirements, safety benefits, and applications for radio-frequency directional devices used in controlling the movements and actions of electric overhead traveling cranes in material handling applications. The scope is limited to remote or cable-less controlling devices that utilize radio frequency as a means of transmitting directions and information to electric overhead traveling cranes.

Single copy price: $15.00

Obtain an electronic copy from: mogle@mhia.org

Order from: Michael Ogle, (704) 676-1190, mogle@mhia.org

Send comments (with copy to BSR) to: Same

NISO (National Information Standards Organization)

Reaffirmations

BSR/NISO Z39.41-1997 (R200x), Printed Information on Spines (reaffirmation of ANSI/NISO Z39.41-1997 (R2002))

Describes and allocates areas on the spines of printed bindings, covers, containers, or other protective enclosures. This standard describes, at a high level, both the kinds of information to be printed on spines and the order and placement of the information.

Single copy price: $40.00

Obtain an electronic copy from: http://www.niso.org/standards/z39-41-1997r2002/

Order from: http://www.techstreet.com/cgi-bin/detail?product_id=52623

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

BSR/NISO Z39.47-1993 (R200x), Extended Latin Alphabet Coded Character Set for Bibliographic Use (ANSEL) (reaffirmation of ANSI/NISO Z39.47-1993 (R2003))

Provides a table of coded values for the representation of characters of the extended Latin alphabet in machine- readable form for thirty-five languages written in the Latin alphabet and for fifty-one romanized languages.

Single copy price: $45.00

Obtain an electronic copy from: http://www.niso.org/standards/z39-47-1993r2003/

Order from: http://www.techstreet.com/cgi-bin/detail?product_id=52626

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

BSR/NISO Z39.48-1992 (R200x), Permanence of Paper for Publications and Documents in Libraries and Archives (reaffirmation of ANSI/NISO Z39.48-1992 (R2002))

Establishes criteria for coated and uncoated paper that will last several hundred years without significant deterioration under normal use and storage conditions in libraries and archives. This standard identifies the specific properties of such paper and specifies the tests required to demonstrate these properties. The standard does not address environmental impact issues of manufacturing.

Single copy price: $40.00

Obtain an electronic copy from: http://www.niso.org/standards/z39-48-1992r2002/

Order from: http://www.techstreet.com/cgi-bin/detail?product_id=36497

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

BSR/NISO Z39.56-1996 (R200x), Serial Item and Contribution Identifier (SICI) (reaffirmation of ANSI/NISO Z39.56-1996 (R2002))

Defines the requirements for a variable length code that provides a unique identification of serial items and contributions contained in them. This standard is intended for use by all members of the bibliographic community involved in the use of management of serial titles and serial contributions. While the SICI code is intended to be applicable to both automated and human-readable environments, it does not prescribe any specific machine-scannable symbology, nor does it prescribe a specific machine-readable format for electronic transmission of the coded data.

Single copy price: $49.00

Obtain an electronic copy from: http://www.niso.org/standards/z39-56-1996r2002/

Order from: http://www.techstreet.com/cgi-bin/detail?product_id=52629

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

TIA (Telecommunications Industry Association)

Revisions

BSR/TIA 470.120-C-200x, Telecommunications - Telephone Terminal Equipment - Transmission Requirements for Analog Speakerphones (revision and redesignation of ANSI/TIA 470-B-2006)

Provides speakerphone acoustic performance requirements for Customer Premises Equipment (CPE) intended for analog connection to the Public Switched Telephone Network (PSTN). These requirements should ensure compatibility and satisfactory performance to the user in a high percentage of installations. Test measurement methods reference procedures in IEEE Std 1329 where applicable.

Single copy price: $102.00

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

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 183-200x, Standard for Safety for Manufactured Wiring Systems (revision of ANSI/UL 183-2009)

Proposes the following changes to UL 183:
- clarification of requirements when using nonstandard trade size conduits in Manufactured Wiring Systems;
- UL 50 reference changes;
- changes to the Material Requirements for Mating Connectors;
- addition to the Overload Test, Section 28; and
- addition of text to Performance and Manufacturing and Production Line Tests.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Nicolette Allen, (919) 549-0973, Nicolette.Allen@us.ul.com

BSR/UL 325-200x, Standard for Door, Drapery, Gate, Louver, and Window Operators and Systems (revision of ANSI/UL 325-2007)

Covers:
(1) Inherent secondary entrapment protection for use on residential garage door and operator systems; and
(2) Revision to allow an exception to the normal temperature test for commercial-type drapery operators.

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: Amy Walker, (847) 664-2023, Amy.K.Walker@us.ul.com

BSR/UL 489-200x, Standard for Safety for Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures (revision of ANSI/UL 489-2006)

Recirculates the following:
(5) Clarification of the performance requirements of the interrupting test;
(7) Revision to the voltage ratings of circuit breakers and circuit breaker accessories;
(14) Revision to supplement SC to address circuit breakers with poles wired in series for general applications;
(15) Revision to specify minimum and maximum ampere ratings for classified circuit breakers;
(16) Clarification of frame size in Table 7.1.3.1; and
(17) Corrections.

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 583-200x, Standard for Safety for Electric-Battery-Powered Industrial Trucks (revision of ANSI/UL 583-2007)

Proposes the following changes to UL 583:
- Revisions to the definitions for type designations;
- Section 5 to allow LVLE circuitry;
- motor requirements;
- higher element count flexible cords;
- additional cord types;
- deletion of self-protected enclosed assembly requirements;
- clarification of LVLE requirements;
- Temperature Test;
- requirements for contactors;
- Solid State Circuitry Test;
- incorrect unit conversion for Marking-Plate-Adhesion Test;
- LVLE fuse marking requirements;
- requirements for Type EE motors and electromechanical brakes;
- supplement for floor cleaning machines; and
- Appendix A.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Nicolette Allen, (919) 549-0973, Nicolette.Allen@us.ul.com

BSR/UL 1004-1-200x, Standard for Safety for Rotating Electrical Machines - General Requirements (revision of ANSI/UL 1004-1-2008)

Provides revisions to the UL 1004-1 proposals, dated 1-30-09.

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

BSR/UL 1012-200x, Standard for Safety for Power Units Other Than Class 2 (revision of ANSI/UL 1012-2008)

The proposals include: (1) New requirements for batteries with integral chargers; and (2) New requirements for power units for installation in air-handling spaces.

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

Reaffirmations

BSR/UL 680-2004 (R200x), Standard for Safety for Emergency Vault Ventilators and Vault-Ventilating Ports (Proposal Dated 5/1/09) (reaffirmation of ANSI/UL 680-2004)

Covers emergency vault ventilators and vault-ventilating ports for installation in a wall. Emergency vault ventilators are intended to provide fresh air to persons locked in the vault by accident or during a robbery. Vault-ventilating ports are intended for connection to an outside ventilating system that provides circulating air while the vault is open.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

USGBC (U.S. Green Building Council)

New Standards

BSR/USGBC LEED TM ND-200x, LEED for Neighborhood Development (new standard)

Based on third party certification and developed in a collaboration between USGBC, the Natural Resources Defense Council and the Congress for the New Urbanism, the LEED for Neighborhood Development proposed standard emphasizes design and construction elements that bring buildings together into a neighborhood, and relate the neighborhood to its larger region and landscape. LEED for Neighborhood Development reduces land consumption, reduces automobile dependence, promotes pedestrian activity, improves air quality, decreases polluted stormwater runoff, and builds more sustainable communities for people of all income levels. This is a second call for comment period due to substantive revisions.

Single copy price: Free

Obtain an electronic copy from: http://www.usgbc.org/LEED/LEEDDrafts/RatingSystemVersions.aspx?CMSPageID=1458

Send comments (with copy to BSR) to: http://www.usgbc.org/LEED/LEEDDrafts/RatingSystemVersions.aspx?CMSPageID=1458

Comment Deadline: June 30, 2009

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

ASME (American Society of Mechanical Engineers)

Revisions

BSR/ASME A112.4.1-200x, Water Heater Relief Valve Drain Tubes (revision of ANSI/ASME A112.4.1-1993 (R2008))

Establishes performance requirements and test methods applicable to water heater relief valve drain (or runoff) tubes for use with relief valves having a steam rating of 105,000 BTU/hr or less.

Single copy price: $20.00

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 A112.18.6/CSA B125.6-200x, Flexible Water Connectors (revision and redesignation of ANSI/ASME A112.18.6-2003)

Establishes requirements for flexible water connectors used in potable water systems under continuous pressure and in accessible locations or intermittent pressure for use in RV only. This standard covers physical and performance requirements, test methods, materials, connections and other significant properties, in addition to a general description of materials used. Certain features of construction of the finished product are given, together with the method of marking and identification.

Single copy price: Free

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 B31G-200x, Manual for Determining the Remaining Strength of Corroded Pipelines (revision of ANSI/ASME B31G-1991 (R2004))

Provides guidance in the evaluation of metal loss in pressurized pipelines and piping systems. This standard is applicable to all pipelines and piping systems within the scope of the transportation pipeline codes that are part of ASME B31 Code for Pressure Piping, namely:
- ASME B31.4, Pipeline Transportation Systems for Liquid Hydrocarbons and Other Liquids;
- ASME B31.8, Gas Transmission and Distribution Piping Systems;
- ASME B31.11, Slurry Transportation Piping Systems; and
- ASME B31.12, Hydrogen Piping and Pipelines, Part PL.

Single copy price: Free

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

Send comments (with copy to BSR) to: Colleen O'Brien, (212) 591-7881, obrienc@asme.org

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

New Standards

BSR/ASSE A10.2-200x, Safety, Health, and Environmental Training for Construction and Demolition Operations (new standard)

Establishes the best practices in safety, health, and environmental training for the construction industry.

Single copy price: $50.00

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

Send comments (with copy to BSR) to: Same

BSR/ASSE A10.26-200x, Emergency Procedures for Construction and Demolition Sites (new standard)

Applies to those emergency procedures involving:
(1) fires, collapses, hazardous spills and other emergencies that could endanger workers;
(2) emergency rescue of injured or ill workers or other persons, or of uninjured workers unable to rescue themselves;
(3) on-site provision of first-aid and emergency medical care;
(4) evacuation and transportation of injured or ill workers to appropriate emergency medical facilities;
(5) pre-planning and coordination of emergency plan with emergency medical facilities; and
(6) training on emergency procedures/plans for workers and other groups.

Single copy price: $50.00

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

Send comments (with copy to BSR) to: Same

UL (Underwriters Laboratories, Inc.)

New Standards

BSR/UL 1004-7-200x, Standard for Safety for Electronically Protected Motors (new standard)

Proposes the first edition of UL 1004-7, Standard for Safety for Electronically Protected Motors. This standard applies to motors that rely upon an electronic circuit to prevent overheating of the motor.

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

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.

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AWWA
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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.

AAMI (Association for the Advancement of Medical Instrumentation)

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

Contact: *Jennifer Moyer*

Phone: (703) 525-4890

Fax: (703) 276-0793

E-mail: jmoyer@aami.org

BSR/AAMI ST72-200x, Bacterial endotoxin -Test methodologies, routine monitoring and alternatives to batch testing (revision of ANSI/AAMI ST72-2002)

BSR/AAMI/ISO 25539-3-200x, Cardiovascular implants - Endovascular devices - Part 3: Vena cava filters (identical national adoption of ISO/CD 25539-3)

API (American Petroleum Institute)

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

Contact: *Edmund Baniak*

Phone: (202) 682-8135

Fax: (202) 962-4797

E-mail: baniake@api.org

ANSI/API Spec 6A/ISO 10423-2004, Specification for Wellhead and Christmas Tree Equipment (identical national adoption of ISO 10423:2003)

ANSI/ISO TS 29001/API Spec Q1, 8th Ed-2007, Petroleum, petrochemical & natural gas industries - Sector-specific quality management systems - Requirements for product and service supply organization (identical national adoption and revision of ANSI/API Spec Q1-2003)

BSR/API MPMS 2.2E-2004 (R200x), Petroleum and Liquid Petroleum Products - Calibration of Horizontal Cylindrical Tanks - Part 1: Manual Methods (reaffirmation of ANSI/API MPMS 2.2E-2004)

BSR/API MPMS 2.2F-2004 (R200x), Petroleum and Liquid Petroleum Products - Calibration of Horizontal Cylindrical Tanks - Part 2: Internal Electro-Optical Distance-Ranging Method (reaffirmation of ANSI/API MPMS 2.2F-2004)

BSR/API RP 17L2/ISO 13628-17, 1st Edition-200x, Recommended Practice for Flexible Pipe - Ancillary Equipment (identical national adoption of ISO 13628-17)

BSR/API RP 17P/ISO 13628-15, 1st Edition-200x, Recommended Practice for Manifolds and Structures on Subsea Production Systems (identical national adoption of ISO 13628-15)

BSR/API Spec 17D/ISO 13628-4, 2nd Edition-200x, Specification for Subsea Wellhead and Christmas Tree Equipment (identical national adoption of ISO 13628-4)

BSR/API Spec 17L1/ISO 13628-16, 1st Edition-200x, Specification for Flexible Pipe - Ancillary Equipment (identical national adoption of ISO 13628-16)

BSR/API Spec Q1, 8th Edition/ISO TS 29001-2007 Amendment 1-200x, Amendment 1 to Specification for Quality Programs for the Petroleum and Natrual Gas Industry (addenda to ANSI/ISO TS 29001/API Spec Q1, 8th Ed-2007)

BSR/MPMS Ch. 17.10.1/ISO 10976-6, 1st Edition-200x, Refrigerated Light Hydrocarbon Fluids - Measurement of Cargoes on Board LNG Carriers (identical national adoption of ISO 10976-6 (under development))

BSR/MPMS Ch. 2.2D/ISO 7507-4, 2nd Edition-200x, Calibration of Upright Cylindrical Tanks Using the Interal Electro-optical Distance Ranging Method (identical national adoption of ISO 7507-4:2009 (to be published soon))

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

Office: 1250 Eye Street, NW
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BSR INCITS 409.5-200x, Information technology - Biometric Performance Testing and Reporting - Part 5: Framework for Testing and Evaluation of Biometric System(s) for Access Control (new standard)

BSR INCITS 456-200x, Information technology - Speaker Recognition Format for Raw Data Interchange (SIVR) (new standard)

BSR INCITS PN-2094-D-200x, Information technology - Generic Identity Command Set (GICS) (new standard)

INCITS/ISO/IEC 11770-2-1996 (R2004), Information technology - Security techniques - Key management - Part 2: Mechanisms using symmetric techniques (reaffirmation of INCITS/ISO/IEC 11770-2-1996)

INCITS/ISO/IEC 15948-2009, Information technology - Computer graphics and image processing - Portable Network Graphics (PNG): Functional specification (identical national adoption of ISO/IEC 15948:2004)

MedBiq (MedBiquitous Consortium)

Office: 401 E. Pratt Street, Suite 1700
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BSR/MEDBIQ AR.10.1-200x, Activity Report (new standard)

BSR/MEDBIQ ME.10.1-200x, MedBiquitous Medical Education Metrics (new standard)

TIA (Telecommunications Industry Association)

Office: 2500 Wilson Boulevard
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Arlington, VA 22201-3834

Contact: *Stephanie Montgomery*

Phone: (703) 907-7735

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E-mail: smontgomery@tiaonline.org; standards@tiacomm.org

ANSI/TIA 470-B-1997, Telecommunications - Telephone Terminal Equipment - Performance and Compatibility Requirements for Telephone Sets with Loop Signalling (revision and redesignation of ANSI/EIA 470-A-1987)

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.

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoptions

ANSI/AAMI/IEC 60601-2-2-2009, Medical electrical equipment - Part 2-2: Particular requirements for basic safety and essential performance of high frequency surgical equipment and high frequency surgical accessories (identical national adoption and revision of ANSI/AAMI/IEC 60601-2-2-2006): 4/20/2009

ANSI/AAMI/ISO 7199-2009, Cardiovascular implants and artificial organs - Blood-gas exchangers (oxygenators) (identical national adoption and revision of ANSI/AAMI/ISO 7199-1996 (R2002)): 4/24/2009

ANSI/AAMI/ISO 15674-2009, Cardiovascular implants and artificial organs - Hard-shell cardiotomy/venous reservoir systems (with/without filter) and soft venous reservoir bags (identical national adoption and revision of ANSI/AAMI/ISO 15674-2001): 4/24/2009

ANSI/AAMI/ISO 15675-2009, Cardiovascular implants and artificial organs - Cardiopulmonary bypass systems - Arterial blood line filters (identical national adoption and revision of ANSI/AAMI/ISO 15675-2001): 4/24/2009

Supplements

ANSI/AAMI RD52-2004/A3-2009, Dialysate for hemodialysis - Amendment 3 - Annex E: Special considerations for acute dialysis (supplement to ANSI/AAMI RD52-2004): 4/24/2009

ANSI/AAMI RD52-2004/A4-2009, Dialysate for hemodialysis - Amendment 4 - Annex C: Special considerations for home hemodialysis, C.5.5 Deionization (supplement to ANSI/AAMI RD52-2004): 4/24/2009

ANSI/AAMI RD62/A1-2009, Water treatment equipment for hemodialysis applications - Amendment 1 - 4.2.6, Deionization (supplement to ANSI/AAMI RD62-2006): 4/24/2009

Withdrawals

ANSI/AAMI ST35-2003, Safe handling and biological decontamination of medical devices in health care facilities and in nonclinical settings (withdrawal of ANSI/AAMI ST35-2003): 4/20/2009

API (American Petroleum Institute)

New National Adoptions

ANSI/API RP 7G-2,1st Edition/ISO 10407-2-2009, Recommended Practice for Drill Stem Element Inspection (identical national adoption of ISO 10407-2:2008): 4/23/2009

ASA (ASC S3) (Acoustical Society of America)

Reaffirmations

ANSI/ASA S3.21-2004 (R2009), Methods for Manual Pure-Tone Threshold Audiometry (reaffirmation and redesignation of ANSI S3.21-2004): 4/16/2009

ASME (American Society of Mechanical Engineers)

New Standards

ANSI/ASME B18.2.5M-2009, Metric Flanged 12-Point Head Screws (new standard): 4/16/2009

ASSE (ASC Z490) (American Society of Safety Engineers)

Revisions

ANSI/ASSE Z490.1-2009, Criteria for Accepted Practices in Safety, Health, and Environmental Training (revision of ANSI Z490.1-2001): 4/21/2009

ASTM (ASTM International)

New Standards

ANSI/ASTM E2659-2009, Practice for Certificate Programs (new standard): 4/1/2009

ANSI/ASTM F2361-2009, 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): 4/1/2009

ANSI/ASTM F2362-2009, Specification for Temperature Monitoring Equipment (new standard): 4/1/2009

ANSI/ASTM F2680-2009, Test Methods for and Specifications for Manually Operated Front Wheel Retention Systems for Bicycles (new standard): 3/10/2009

ANSI/ASTM F2713-2009, Specification for Eye Protectors for Field Hockey (new standard): 4/1/2009

ANSI/ASTM F2719-2009, Installation of Polyethylene (PE) and Encapsulated Cement Mortar Formed in Place Lining Systems (FIPLS) for the Rehabilitation of Water Pipelines (new standard): 4/15/2009

Reaffirmations

ANSI/ASTM D2680-2001 (R2009), Specification for Acrylonitrile-Butadiene-Styrene (ABS) and Poly(Vinyl Chloride) (PVC) Composite Sewer Piping (reaffirmation of ANSI/ASTM D2680-2001): 4/1/2009

ANSI/ASTM E1310-2004 (R2009), Practice for Use of a Radiochromic Optical Waveguide Dosimetry System (reaffirmation of ANSI/ASTM E1310-2004): 3/10/2009

ANSI/ASTM E1540-2004 (R2009), Practice for Use of a Radiochromic Liquid Dosimetry System (reaffirmation of ANSI/ASTM E1540-2004): 3/10/2009

ANSI/ASTM F420-1999 (R2009), Test Method for Access Depth under Furniture of Vacuum Cleaners (reaffirmation of ANSI/ASTM F420-1999): 3/10/2009

ANSI/ASTM F2176-2002 (R2009), Specification for Mechanical Couplings Used on Polyethylene Conduit, Duct and Innerduct (reaffirmation of ANSI/ASTM F2176-2002): 4/1/2009

ANSI/ASTM F2220-2002 (R2009), Specification for Headforms (reaffirmation of ANSI/ASTM F2220-2002): 3/10/2009

Revisions

ANSI/ASTM D2846-2009, Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Hot- and Cold-Water Distribution Systems (revision of ANSI/ASTM D2846/D2846M-2006): 4/1/2009

ANSI/ASTM D4726-2009, Specification for Rigid Poly(Vinyl Chloride) (PVC) Exterior-Profile Extrusions Used for Assembled Windows and Doors (revision of ANSI/ASTM D4726-2002): 4/1/2009

ANSI/ASTM E2030-2009, Guide for Recommended Uses of Photoluminescent (Phosphorescent) Safety Markings (revision of ANSI/ASTM E2030-2008): 3/10/2009

ANSI/ASTM F1216-2009, Practice for Rehabilitation of Existing Pipelines and Conduits by the Inversion and Curing of a Resin-Impregnated Tube (revision of ANSI/ASTM F1216-2008): 4/1/2009

ANSI/ASTM F1776-2009, Specification for Eye Protective Devices for Paintball Sports (revision of ANSI/ASTM F1776-2001): 3/10/2009

ANSI/ASTM F1836M-2009, Specification for Stuffing Tubes, Nylon, and Packing Assemblies (Metric) (revision of ANSI/ASTM F1836M-1997 (R2007)): 4/1/2009

ANSI/ASTM F1951-2009, Specification for Determination of Accessibility of Surface Systems under and around Playground Equipment (revision of ANSI/ASTM F1951-2008): 3/10/2009

ANSI/ASTM F1975-2009, Specification for Nonpowered Bicycle Trailers Designed for Human Passengers (revision of ANSI/ASTM F1975-2002): 3/10/2009

ANSI/ASTM F2123-2009, Practice for Treestand Instructions (revision of ANSI/ASTM F2123-2005): 3/10/2009

ANSI/ASTM F2138-2009, Specification for Excess Flow Valves for Natural Gas Service (revision of ANSI/ASTM F2138-2001): 4/1/2009

ANSI/ASTM F2225-2009, Safety Specification for Consumer Trampoline Enclosures (revision of ANSI/ASTM F2225-2008): 3/10/2009

AWS (American Welding Society)

New Standards

ANSI/AWS D14.5/D14.5M-2009, Specification for Welding of Presses and Press Components (new standard): 4/16/2009

CSA (CSA America, Inc.)

Revisions

ANSI Z83.8a-2009, Gas Unit Heaters and Gas-Fired Duct Furnaces (same as CSA 2.6a) (revision of ANSI Z83.8-2005): 4/14/2009

ESTA (Entertainment Services and Technology Association)

New Standards

ANSI E1.4-2009, Entertainment Technology - Manual Counterweight Rigging Systems (new standard): 4/21/2009

ANSI E1.22-2009, Entertainment Technology - Fire Safety Curtain Systems (new standard): 4/21/2009

IEEE (Institute of Electrical and Electronics Engineers)

New Standards

ANSI/IEEE 802.21b-2008, Standard for Media Independent Handover Services - Amendment: Handovers with Downlink Only Technologies (new standard): 4/17/2009

ISA (ISA)

New Standards

ANSI/ISA 75.02.01-2009, Control Valve Capcity Test Procedures (new standard): 4/21/2009

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

New National Adoptions

INCITS/ISO/IEC 29500-1-2009, Information technology - Document description and processing languages - Office Open XML File Formats - Part 1: Fundamentals and Markup Language Reference (identical national adoption of ISO/IEC 29500-1:2008): 4/24/2009

INCITS/ISO/IEC 29500-2-2009, Information technology - Document description and processing languages - Office Open XML File Formats - Part 2: Open Packaging Conventions (identical national adoption of ISO/IEC 29500-2:2008): 4/24/2009

INCITS/ISO/IEC 29500-3-2009, Information technology - Document description and processing languages - Office Open XML File Formats - Part 3: Markup Compatibility and Extensibility (identical national adoption of ISO/IEC 29500-3:2008): 4/24/2009

INCITS/ISO/IEC 29500-4-2009, Information technology - Document description and processing languages - Office Open XML File Formats - Part 4: Transitional Migration Features (identical national adoption of ISO/IEC 29500-4:2008): 4/24/2009

New Standards

ANSI INCITS 450-2009, Information technology - Fibre Channel - Physical Interface - 4 (FC-PI-4) (new standard): 4/24/2009

Reaffirmations

ANSI INCITS 332-1999 (R2009), Information Technology - Fibre Channel Arbitrated Loop (FC-AL-2) (reaffirmation of ANSI INCITS 332-1999 (R2004)): 4/24/2009

ANSI INCITS 399-2004 (R2009), Information technology - Fibre Channel Switch Application Programming Interface (FC-SWAPI) (reaffirmation of ANSI INCITS 399-2004): 4/24/2009

INCITS/ISO/IEC 8824-1-2004 (R2009), Information technology - Abstract Syntax Notation One (ASN.1) - Part 1: Specification of basic notation (THIRD EDITION) (reaffirmation of INCITS/ISO/IEC 8824-1-2004): 4/24/2009

INCITS/ISO/IEC 8824-2-2004 (R2009), Information technology - Abstract Syntax Notation One (ASN.1) - Part 2: Information object classes (THIRD EDITION) (reaffirmation of INCITS/ISO/IEC 8824-2-2004): 4/24/2009

INCITS/ISO/IEC 8824-3-2004 (R2009), Information technology - Abstract Syntax Notation One (ASN.1) - Part 3: Constraint specification (THIRD EDITION) (reaffirmation of INCITS/ISO/IEC 8824-3-2004): 4/24/2009

INCITS/ISO/IEC 8824-4-2004 (R2009), Information technology - Abstract Syntax Notation One (ASN.1) - Part 4: Parameterization (THIRD EDITION) (reaffirmation of INCITS/ISO/IEC 8824-4-2004): 4/24/2009

INCITS/ISO/IEC 8825-1-2004 (R2009), Information technology - Abstract Syntax Notation One (ASN.1) Encoding Rules - Part 1: Specification of Basic Encoding Rules (BER), Canonical Encoding Rules (CER) and Distinguished Encoding Rules (DER) (THIRD EDITION) (reaffirmation of INCITS/ISO/IEC 8825-1-2004): 4/24/2009

INCITS/ISO/IEC 8825-2-2004 (R2009), Information technology - Abstract Syntax Notation One (ASN.1) Encoding Rules - Part 2: Packed Encoding Rules (PER) (THIRD EDITION) (reaffirmation of INCITS/ISO/IEC 8825-2-2004): 4/24/2009

INCITS/ISO/IEC 8825-3-2004 (R2009), Information technology - Abstract Syntax Notation One (ASN.1) Encoding Rules - Part 3: Encoding Control Notation (ECN) (First Edition) (reaffirmation of INCITS/ISO/IEC 8825-3-2004): 4/24/2009

INCITS/ISO/IEC 8825-4-2004 (R2009), Information technology - Abstract Syntax Notation One (ASN.1) Encoding Rules - Part 4: XML Encoding Rules (XER) (First Edition) (reaffirmation of INCITS/ISO/IEC 8825-4-2004): 4/24/2009

INCITS/ISO/IEC 10746-2-1996 (R2009), Information Technology - Open Distributed Processing - Reference Model - Open Distributed Processing - Part 2: Foundations (reaffirmation of INCITS/ISO/IEC 10746-2-1996 (R2004)): 4/24/2009

INCITS/ISO/IEC 10746-3-1996 (R2009), Information Technology - Open Distributed Processing - Reference Model: Architecture (reaffirmation of INCITS/ISO/IEC 10746-3-1996 (R2004)): 4/24/2009

INCITS/ISO/IEC 11160-1-1996 (R2009), Information Technology - Office Equipment - Minimum Information to be Included in Specification Sheets - Printers - Part 1: Class 1 and Class 2 Printers (reaffirmation of INCITS/ISO/IEC 11160-1-1996 (R2004)): 4/24/2009

INCITS/ISO/IEC 11160-2-1996 (R2009), Information Technology - Office Equipment - Minimum information to be included in specfication sheets - Printers - Part 2: Class 3 and Class 4 Printers (reaffirmation of INCITS/ISO/IEC 11160-2-1996 (R2004)): 4/24/2009

Stabilized Maintenance: See 3.3.3 of the ANSI Essential Requirements

INCITS/ISO 5138-1-1978 (S2009), Information technology - Office Machines - Office Machines - Vocabulary - Part 01: Dictation Equipment (stabilized maintenance of INCITS/ISO/IEC 5138-1-1978 (R2004)): 4/24/2009

INCITS/ISO 5138-2-1980 (S2009), Information technology - Office Machines - Vocabulary - Part 02: Duplicators (stabilized maintenance of INCITS/ISO/IEC 5138-2-1980 (R2004)): 4/24/2009

INCITS/ISO 5138-3-1981 (S2009), Information technology - Office Machines - Vocabulary - Part 03: Addressing Machines (stabilized maintenance of INCITS/ISO 5138-3-1981 (R2004)): 4/24/2009

INCITS/ISO 5138-4-1981 (S2009), Office Machines - Vocabulary - Part 04: Letter Opening Machines (stabilized maintenance of INCITS/ISO/IEC 5138-4-1981 (R2004)): 4/24/2009

INCITS/ISO 5138-5-1981 (S2009), Information technology - Office equipment - Part 05: Letter Folding Machines (stabilized maintenance of INCITS/ISO/IEC 5138-5-1981 (R2004)): 4/24/2009

INCITS/ISO 5138-9-1984 (S2009), Information technology - Office machines - Part 9: Typewriters (stabilized maintenance of INCITS/ISO/IEC 5138-9-1984 (R2004)): 4/24/2009

INCITS/ISO/IEC 9637-2-1992 (S2009), Information Technology - Computer Graphics - Interfacing Techniques for Dialogues with Graphical Devices (CGI) - Data Stream Binding - Part 2: Binary Encoding (stabilized maintenance of INCITS/ISO/IEC 9637-2-1992 (R2004)): 4/24/2009

Withdrawals

INCITS/ISO 5138-7-1986, Information technology - Office Machines - Vocabulary - Part 07: Postal Franking Machines (withdrawal of INCITS/ISO/IEC 5138-7-1986 (R2004)): 4/24/2009

INCITS/ISO/IEC 4232-2-1980, Information technology - Office Machines - Minimum Information to be Included in Specifications Sheets - Part 2: Document Copying Machines (withdrawal of INCITS/ISO/IEC 4232-2-1980 (R2004)): 4/24/2009

INCITS/ISO/IEC 4232-3-1984, Information technology - Office Machines - Minimum Information to be Included in Specification Sheets - Part 3: Postal Franking Machines (withdrawal of INCITS/ISO/IEC 4232-3-1984 (R2004)): 4/24/2009

INCITS/ISO/IEC 19757-2/AM1-2008, Information technology - Document Schema Definition Language (DSDL) - Part 2: Regular-grammar-based validation - RELAX NG - Amendment 1: Compact Syntax (withdrawal of INCITS/ISO/IEC 19757-2/AM1-2008): 4/24/2009

NEMA (ASC C8) (National Electrical Manufacturers Association)

Revisions

ANSI/ICEA P-54-440-2009/NEMA WC-51-2009, Ampacities of Cables Installed in Cable Trays (revision of ANSI/ICEA P-54-440/NEMA WC-51-2002): 4/23/2009

ANSI/ICEA S-100-685-2009, Thermoplastic Insulated and Jacketed Telecommunications Station Wire for Indoor/Outdoor Use (revision of ANSI/ICEA S-100-685-2006): 4/23/2009

NFPA2 (National Fluid Power Association)

Revisions

ANSI/(NFPA) T3.6.7R3-2009, Fluid power systems and products - Square head industrial cylinders - Mounting dimensions (revision of ANSI/(NFPA) T3.6.7R2-1996 (R2004)): 4/21/2009

NSF (NSF International)

Revisions

ANSI/NSF 49-2009 (i36), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2008): 4/20/2009

ANSI/NSF 62-2009 (i15), Drinking water distillation systems (revision of ANSI/NSF 62-1999): 4/10/2009

ANSI/NSF 173-2009 (i24), Dietary Supplements (revision of ANSI/NSF 173-2003): 4/8/2009

UL (Underwriters Laboratories, Inc.)

New National Adoptions

ANSI/UL 60384-14-2009, Fixed Capacitors for Use in Electronic Equipment - Part 14: Sectional specification: Fixed capacitors for electromagnetic interference suppression and connection to the supply mains (national adoption with modifications of IEC 60384-14): 4/15/2009

New Standards

ANSI/UL 154 CAN/ULC-S503-2009, Standard for Safety for Carbon-Dioxide Fire Extinguishers (new standard): 4/20/2009

Reaffirmations

ANSI/UL 497-2004 (R2009), Standard for Safety for Protectors for Paired-Conductor Communications Circuits (reaffirmation of ANSI/UL 497-2004): 4/9/2009

Revisions

ANSI/UL 10B-2009, Standard for Fire Tests of Door Assemblies (revision of ANSI/UL 10B-2008): 4/13/2009

ANSI/UL 207-2009, Standard for Safety for Refrigerant-Containing Components and Accessories, Nonelectrical (revision of ANSI/UL 207-2004): 4/17/2009

ANSI/UL 414-2009a, Standard for Safety for Meter Sockets (Proposals dated August 29, 2008) (revision of ANSI/UL 414-2006): 4/16/2009

ANSI/UL 414-2009, Standard for Safety for Meter Sockets (Proposals dated August 29, 2008) (revision of ANSI/UL 414-2006): 4/16/2009

ANSI/UL 486C-2009, Standard for Safety for Splicing Wire Connectors (revision of ANSI/UL 486C-2006): 4/9/2009

ANSI/UL 486A-486B-2009, Standard for Safety for Wire Connectors (revision of ANSI/UL 486A-486B-2006): 4/9/2009

ANSI/UL 498A-2009, Standard for Safety for Current Taps and Adapters (Proposal dated January 30, 2009) (revision of ANSI/UL 498A-2008): 4/10/2009

ANSI/UL 498A-2009, Standard for Safety for Current Taps and Adapters (Proposal dated January 30, 2009) (revision of ANSI/UL 498A-2008): 4/10/2009

ANSI/UL 551-2009, Standard for Safety for Transformer-Type Arc-Welding Machines (revision of ANSI/UL 551-1998): 4/22/2009

ANSI/UL 746B-2009, Standard for Safety for Polymeric Materials - Long Term Property Evaluations (revision of ANSI/UL 746B-2006): 4/15/2009

ANSI/UL 796-2009, Standard for Safety for Printed-Wiring Boards (revision of ANSI/UL 796-2007a): 4/23/2009

ANSI/UL 1655-2009, Standard for Community-Antenna Television Cables (revision of ANSI/UL 1655-2004): 4/21/2009

ANSI/UL 60745-2-2-2009, Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-2: Particular Requirements for Screwdrivers and Impact Wrenches (revision of ANSI/UL 60745-2-2-2006): 1/23/2009

ANSI/UL 60745-2-4-2009, Hand-Held Motor-Operated Electric Tools - Safety - Part 2-4: Particular Requirements for Sanders and Polishers Other Than Disk Type (revision of ANSI/UL 60745-2-4-2006): 1/23/2009

ANSI/UL 60745-2-6-2009, Hand-Held Motor-Operated Electric Tools - Safety - Part 2-6: Particular Requirements for Hammers (revision of ANSI/UL 60745-2-6-2006): 1/23/2009

ANSI/UL 60745-2-11-2009, Hand-Held Motor-Operated Electric Tools - Safety - Part 2-11: Particular Requirements for Reciprocating Saws (Jig and Sabre Saws) (revision of ANSI/UL 60745-2-11-2004): 4/24/2009

ANSI/UL 299 CAN/ULC-S504-2009, Standard for Safety for Dry Chemical Fire Extinguishers (revision of ANSI/UL 299 CAN/ULC-S504-2007): 4/20/2009

ANSI/UL 711 CAN/ULC-S508-2009, Standard for Safety for Rating and Testing of Fire Extinguishers (revision of ANSI/UL 711 CAN/ULC-S508-2007): 4/13/2009

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.

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BSR/API MPMS 2.2E-2004 (R200x), Petroleum and Liquid Petroleum Products - Calibration of Horizontal Cylindrical Tanks - Part 1: Manual Methods (reaffirmation of ANSI/API MPMS 2.2E-2004)

Stakeholders: Users of manual methods of horizontal cylindrical tank calibration.

Project Need: To reaffirm the current MPMS 2.2E national adoption.

Specifies manual methods for the calibration of nominally horizontal cylindrical tanks, installed at a fixed location. This standard is applicable to horizontal tanks up to 4 m in diameter and 30 m in length.

BSR/API MPMS 2.2F-2004 (R200x), Petroleum and Liquid Petroleum Products - Calibration of Horizontal Cylindrical Tanks - Part 2: Internal Electro-Optical Distance-Ranging Method (reaffirmation of ANSI/API MPMS 2.2F-2004)

Stakeholders: Users of the internal electro-optical distance-ranging method of tank calibration.

Project Need: To reaffirm the current MPMS 2.2F.

Specifies a method for the calibration of horizontal cylindrical tanks having diameters greater than 2 m (6 ft) by means of internal measurements using an electro-optical distance-ranging instrument, and for the subsequent compilation of tank-capacity tables. This method is known as the internal electro-optical distance-ranging (EODR) method.

BSR/API RP 17L2/ISO 13628-17, 1st Edition-200x, Recommended Practice for Flexible Pipe - Ancillary Equipment (identical national adoption of ISO 13628-17)

Stakeholders: Users and manufacturers of ancillary equipment for flexible pipe.

Project Need: To create a national standard for ancillary equipment for flexible pipe.

Provides guidelines for the design, materials selection, analysis, testing, manufacture, handling, transportation, installation and integrity management of flexible pipe ancillary equipment. This standard presents the current best practice for design and procurement of ancillary equipment, and gives guidance on the implementation of the specification for standard flexible pipe products. In addition, this document presents guidelines on the qualification of prototype products.

BSR/API RP 17P/ISO 13628-15, 1st Edition-200x, Recommended Practice for Manifolds and Structures on Subsea Production Systems (identical national adoption of ISO 13628-15)

Stakeholders: Users and manufacturers of manifolds and structures for subsea production systems.

Project Need: To create an industry standard for manifolds and structures on subsea production systems.

Addresses specific requirements and recommendations for subsea structures and manifolds, within the frameworks set forth by recognized and accepted industry specifications and standards. As such, this standard does not supersede or eliminate any requirement imposed by any other industry specification.

BSR/API Spec 17D/ISO 13628-4, 2nd Edition-200x, Specification for Subsea Wellhead and Christmas Tree Equipment (identical national adoption of ISO 13628-4)

Stakeholders: Users and manufacturers of subsea wellhead and christmas tree equipment

Project Need: To create an industry standard for subsea wellhead and christmas tree equipment.

Provides the specification for safe, dimensionally and functionally interchangeable subsea wellhead, mudline, and tree equipment. Technical content includes requirements for:
- performance;
- design;
- materials;
- testing;
- inspection;
- welding;
- marking;
- handling;
- storing; and
- shipping.

BSR/API Spec 17L1/ISO 13628-16, 1st Edition-200x, Specification for Flexible Pipe - Ancillary Equipment (identical national adoption of ISO 13628-16)

Stakeholders: Users and manufacturers of ancillary equipment for flexible pipe.

Project Need: To create a national standard on ancillary equipment for flexible pipe.

Defines the technical requirements for safe, dimensionally and functionally interchangeable flexible pipe ancillary equipment that is designed and manufactured to uniform standards and criteria. Minimum requirements are specified for the design, material selection, manufacture, testing, documentation, marking and packaging of flexible pipe ancillary equipment, with reference to existing codes and standards where applicable.

BSR/API Spec 6A/ISO 10423, 20th Edition-200x, Specification for Wellhead and Christmas Tree Equipment (national adoption with modifications of ISO 10423)

Stakeholders: Users, manufacturers, and inspectors of wellhead and christmas tree equipment.

Project Need: To update the existing industry standard.

Specifies requirements and gives recommendations for the performance, dimensional and functional interchangeability, design, materials, testing, inspection, welding, marking, handling, storing, shipment, purchasing, repair, and remanufacture of wellhead and christmas tree equipment for use in the petroleum and natural gas industries. This document does not apply to field use, field testing or field repair of wellhead and christmas tree equipment.

BSR/API Spec Q1, 8th Edition/ISO TS 29001-2007 Amendment 1-200x, Amendment 1 to Specification for Quality Programs for the Petroleum and Natrual Gas Industry (addenda to ANSI/ISO TS 29001/API Spec Q1, 8th Ed-2007)

Stakeholders: Operators, manufacturers, and consultants involved in the petroleum, petrochemical and natural gas industries.

Project Need: To align API Spec Q1/TS 29001 with ISO 9000.

Defines the quality management system requirements for the design, development, production, installation and service of products for the petroleum, petrochemical and natural gas industry. This specification also sets forth the minimum quality management system requirements, which applied in conjunction with API industry standards, are necessary to obtain a license to use the API monogram.

BSR/MPMS Ch. 2.2D/ISO 7507-4, 2nd edition-200x, Calibration of Upright Cylindrical Tanks Using the Interal Electro-Optical Distance Ranging Method (identical national adoption of ISO 7507-4:2009 (to be published soon))

Stakeholders: Users of the internal electro-optical distance-ranging method of tank calibration.

Project Need: To create an industry standard on this procedure.

Specifies a method for the calibration of vertical cylindrical tanks having diameters greater than 5 m by means of internal measurements using an electro-optical distance-ranging instrument, and for the subsequent compilation of tank capacity tables. The method is suitable for tanks tilted up to a 3% deviation from the vertical, provided that a correction is applied for the measured tilt as described in ISO 7507-1:2003, Clause 11.
NOTE: Tanks with floating roofs or internal floating blankets can also be calibrated using this method.

BSR/MPMS Ch. 17.10.1/ISO 10976-6, 1st Edition-200x, Refrigerated Light Hydrocarbon Fluids - Measurement of Cargoes on Board LNG Carriers (identical national adoption of ISO 10976-6 (under development))

Stakeholders: Producers, sellers, purchasers, LNG carrier (marine) personnel, and LNG terminal personnel.

Project Need: To create an industry standard for measurement of cargoes on board LNG carriers.

Details all steps needed to properly measure and account for the quantities of cargoes on liquefied natural gas (LNG) carriers. This includes, but is not necessarily limited to:
- measurement of liquid volume;
- vapor volume;
- temperature and pressure; and
- accounting for the total quantity of the cargo on board.

API (American Petroleum Institute)

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BSR/API Specification 19GL3-200x, Running Tools, Pulling Tools and Kick-Over Tools and Latches for Side-Pocket Mandrels (new standard)

Stakeholders: Petroleum equipment manufacturers and purchasers.

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

Provides requirements and guidelines for running tools, pulling tools, kick-over tools and latches used for the installation and retrieval of flow control and other devices to be installed in side-pocket mandrels for use in the petroleum and natural gas industries. This includes requirements for specifying, selecting, designing, manufacturing, quality control, testing and preparation for shipping of these tools and latches. Additionally, it includes information regarding performance testing and calibration procedures.

APSP (Association of Pool and Spa Professionals)

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BSR/APSP 15-200x, Standard for the Energy Efficiency of Residential Inground and Aboveground Swimming Pools and Inground Spas (new standard)

Stakeholders: Pool builders, designers, installers; pool component and material suppliers; consumers; regulatory authorities.

Project Need: To create a new standard in accordance with latest testing, technology, and research on energy efficiency.

Covers the test procedures and methodology for determining the energy efficiency of residential swimming pools and inground spas. The intent of the test procedures is to influence the design and construction specifications of residential pools and inground spas to maximize energy efficiency,

ASC X9 (Accredited Standards Committee X9, Incorporated)

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BSR X9.73-200x, Cryptographic Message Syntax (revision of ANSI X9.73-2003)

Stakeholders: Financial services industry.

Project Need: To provide a syntax that can be used to protect financial institutions from unauthorized disclosure or modification.

Specifies a cryptographic message syntax that can be used to protect financial transactions and other documents from unauthorized disclosure and modification.

BSR X9.100-181-200x, Specification for TIFF Image Format for Image Exchange (revision of ANSI X9.100-181-2007)

Stakeholders: Financial institutions and their processors.

Project Need: To implement a check-specific usage of Aldus' TIFF 6.0 specification.

Defines specific TIFF fields that can be used and the allowable values for those fields that will support interoperability for check image exchange processing between financial institutions. This standard will only address the use of G4 bilevel image (black/white) compressions within the TIFF 6.0 structure.

ASSE (ASC Z359) (American Society of Safety Engineers)

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BSR/ASSE Z359.9-200X, Personal Equipment for Protection Against Falls - Descending Devices (national adoption with modifications of ISO 22159)

Stakeholders: Safety, health, and environmental professionals.

Project Need: To make changes to the standard based upon the consensus of ASC Z359, via its 4/2009 meeting.

Specifies requirements, test methods, marking and information to be supplied by the manufacturer for descending devices. This standard also specifies some basic requirements for the descent lines to be used with the descending devices.

CAPA (Certified Automotive Parts Association)

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BSR/CAPA 201-001-200x, Standard Test Method for Full Dimensional Stability Testing of Automotive Replacement Bumper Covers (new standard)

Stakeholders: Competitive crash repair parts industry.

Project Need: To provide a test method that may be used to determine the dimensional stability of an automotive replacement bumper cover when exposed to cold and heat.

Covers the procedure for testing the dimensional stability of replacement bumper covers (full parts) when exposed to cold and heat, and identifies the criteria for acceptance.

Green Seal (Green Seal, Inc.)

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BSR/GS-CC Part A-200x, Environmental Standard for Companies - Part A: Consumer Product Manufacturers (new standard)

Stakeholders: Consumer product manufacturers and supply chain, users, and respresentative organizations.

Project Need: To help companies identify and prioritize their efforts in sustainability and to provide a potential way for them to be recognized for such efforts.

Establishes environmental requirements for product manufacturers that have been operating for at least three months whose primary business is manufacturing of products for purchase and use by consumers. This standard will take a lifecycle approach to a company as a whole by evaluating multiple attributes about a company's entire business including greenhouse gas emissions, energy and water efficiency, hazardous waste, toxic chemicals, land-use impacts, water-quality impacts and human-health impacts.

IEEE (Institute of Electrical and Electronics Engineers)

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BSR/IEEE 43-20XX, Recommended Practice for Testing Insulation Resistance of Rotating Machinery (revision of ANSI/IEEE 43-2000 (R2006))

Stakeholders: Rotating machine manufacturers, users, test service companies, and instrument manufacturers.

Project Need: To provide guidelines on how to perform and evaluate the results of insulation resistance measurements on rotating machine windings to help assess their suitability for service and for overvoltage testing.

Describes a recommended procedure for measuring insulation resistance of armature and field windings in rotating machines rated 1 hp, 750 W or greater. This standard applies to synchronous machines, induction machines, dc machines, and synchronous condensers.

BSR/IEEE 421.2-20XX, Guide for Identification, Testing, and Evaluation of the Dynamic Performance of Excitation Control Systems (new standard)

Stakeholders: Electric utilities, generation owners/operators, and electric transmission system owners/operators.

Project Need: To update the existing standard with respect to new test equipment and methods and to changes in standards 421.1 and 421.5.

Includes criteria, definitions, and test procedures for evaluating the dynamic performance of excitation control systems for synchronous machines as applied by electric utilities.

BSR/IEEE 1366-20XX, Guide for Electric Power Distribution Reliability Indices (revision of ANSI/IEEE 1366-2003)

Stakeholders: Electric utilities and regulators.

Project Need: To provide minor editorial changes, update several definitions, and add Catastrophic Events.

Identifies distribution reliability indices and factors that affect their calculation. This standard includes indices, which are useful today, as well as ones that may be useful in the future. The indices are intended to apply to distribution systems, substations, circuits, and defined regions.

BSR/IEEE 1394d-20XX, High-Performance Serial Bus - Amendment: IEEE 1394 Single-Mode Fiber Physical Medium (PMD) Specification (addenda to ANSI/IEEE 1394-2008)

Stakeholders: Users of IEEE 1394 equipment, manufacturers of single-mode fiber.

Project Need: To support single-mode fiber transmission media, which has a much higher bandwidth-distance product and is less expensive than multimode fiber.

Specifies an IEEE 1394, single-mode fiber, PMD sublayer that supports baseband operation over single-mode optical fiber.

BSR/IEEE 1474.4-20XX, Recommended Practice for Functional Testing of a Communications-Based Train Control (CBTC) System (new standard)

Stakeholders: Transit agencies, CBTC system suppliers.

Project Need: To define a preferred approach to testing a CBTC system functionally, first in the factory, then on a test track, and finally in the field, with a goal of eliminating expensive and time-consuming field tests.

Establishes a preferred approach for functional testing a CBTC system.

BSR/IEEE 1802-200x, Standard for Coaxial Connector Identification (new standard)

Stakeholders: Military, telecom, microwave cable industry, microwave test equipment manufacturers.

Project Need: To help the users of coaxial connectors by providing an identification protocol that will greatly eliminate the damage and reduced performance due to incorrectly connecting two incompatible coaxial connectors.

Develops a color-coding protocol to be used to identify various types of coaxial connnectors.

BSR/IEEE 1804-20XX, Standard for Fault Accounting and Coverage Reporting to Digital Modules (FACR) (new standard)

Stakeholders: All users of integrated electronic circuits, chips and chip-sets; ATPG tool developers and users.

Project Need: To set uniform metrics for digital circuits with respect to their test quality in terms of coverage, as well as for different ATPG tools which are used to generate test patterns for these circuits.

Formalizes aspects of fault models as they are relevant to the generation of test patterns for digital circuits. Its scope includes (i) fault counting, (ii) fault classification, and (iii) fault coverage reporting across different ATPG (automatic test pattern generation) tools, for the single stuck-at fault model.

BSR/IEEE 1900.4a-20XX, Architectural Building Blocks Enabling Network-Device Distributed Decision Making for Optimized Radio Resource Usage in Heterogeneous Wireless Access Networks - Amendment: Architecture and Interfaces for Dynamic Spectrum Access Networks in White Space Frequency Bands (addenda to BSR/IEEE 1900.4-2009)

Stakeholders: Wireless devices end users, regulators, operators, and manufacturers.

Project Need: To enable the wireless access network, the proposed standard defines new components (entity(s) and interfaces) in addition to IEEE 1900.4 entities and interfaces.

Amends the IEEE 1900.4 standard to enable mobile wireless access service in white-space frequency bands without any limitation on used radio interface (physical and media access control layers, carrier frequency, etc.) by defining additional components of the IEEE 1900.4 system.

BSR/IEEE 1900.4.1-20XX, Standard for Interfaces and Protocols Enabling Distributed Decision Making for Optimized Radio Resource Usage in Heterogeneous Wireless Networks (new standard)

Stakeholders: Wireless devices end users, regulators, operators and manufacturers.

Project Need: To ensure interoperability between network side and terminal side components of the IEEE 1900.4 system, detailed description of interfaces and service access points defined in the IEEE 1900.4 standard is required.

Provides detailed description of interfaces and service access points defined in the IEEE 1900.4 standard, enabling distributed decision making in heterogeneous wireless networks and obtaining context information for this decision making. This standard uses the IEEE 1900.4 standard as a baseline standard.

BSR/IEEE 2030-20XX, Guide for Smart Grid Interoperability of Energy Technology and Information Technology Operation with the Electric Power System (EPS), and End-Use Applications and Loads (new standard)

Stakeholders: Electric power system owners, planners and operators; information technology personnel; consumers.

Project Need: To provide a definition and understanding of the smart grid and to establish a sound engineering baseline for defining and understanding the smart grid.

Provides guidelines for smart grid interoperability. This guide provides a knowledge base addressing terminology, characteristics, functional performance and evaluation criteria, and the application of engineering principles for smart grid interoperability of the electric power system with end use applications and loads. The guide discusses alternate approaches to good practices for the smart grid.

BSR/IEEE C37.10-20XX, Guide for Investigation, Analysis and Reporting of Power Circuit Breaker Failures (revision of ANSI/IEEE C37.10-1996 (R2008))

Stakeholders: Owners and asset managers of HV circuit breakers; operators and maintainers of HV circuit breakers.

Project Need: To provide guidance on the process of investigating circuit breaker failures and promote the consistency in the process.

Provides practices and processes to perform, analyze, and report failure investigations of power circuit breakers.

BSR/IEEE C37.013-20XX, Standard for AC High Voltage (rated above 1000 V) Generator Circuit Breakers for Use with Generators Rated 10 MVA or More (revision of ANSI/IEEE C37.013-1997 (R2008))

Stakeholders: Test engineers, users, application consultants, and manufacturers.

Project Need: To update and combine the amendments into the base standard.

Applies to ac high-voltage (rated above 1000 V) generator circuit breakers that are typically installed between the generator and the step-up transformer terminals. Requirements relative to ac high-voltage generator circuit breakers intended for use with generators and transformers rated 10 MVA or more are covered specifically.

BSR/IEEE C37.016-20XX, Standard for AC High Voltage Circuit Switchers Rated 15.5kV through 245kV (revision of ANSI/IEEE C37.016-2006)

Stakeholders: Electric utilities, industrial electric facilities, manufacturers and test laboratories.

Project Need: To coordinate the changes in this standard with the changes to other IEEE documents and to align with IEC requirements for equipment of this type.

Applies to ac circuit switchers designed for outdoor installation and for rated power frequencies of 50 Hz and 60 Hz and rated maximum voltages of 15.5 kV through 245 kV. This standard is applicable only to three-pole circuit switchers for use in three-phase systems. This standard is also applicable to the operating devices of circuit switchers and to their auxiliary equipment.

BSR/IEEE C37.20.8-20XX, Standard for Metal-Enclosed Low-Voltage (3200V and below) Direct Current Power Circuit Breaker Switchgear for Traction Power Applications (new standard)

Stakeholders: Users, specifiers, manufacturers of direct-current power circuit breaker switchgear assemblies.

Project Need: To address more fully the requirements specific for applications of metal-enclosed low-voltage direct current power circuit breaker switchgear in traction power installations.

Covers metal-enclosed low-voltage (3200 V and below) direct current power circuit breaker switchgear assemblies containing, but not limited to, such devices as low-voltage power circuit breakers (fused or unfused); other interrupting devices; switches, control, instrumentation, and metering; and protective and regulating equipment. This standard is concerned with enclosed, rather than open, indoor and outdoor switchgear assemblies. It includes types of equipment that are part of traction power substations.

BSR/IEEE C57.12.37a-20XX, Electronic Reporting of Distribution Transformer Test Data - Amendment: Updating to Include Efficiency Fields (addenda to ANSI/IEEE C57.12.37-2006)

Stakeholders: Distribution transformer manufacturers and utilities.

Project Need: To conform to the DOE regulation.

Updates the definition to include the efficiency parameters.

BSR/IEEE C57.154-20XX, Standard for the Design, Testing and Application of Liquid-Immersed Distribution, Power and Regulating Transformers Using High-Temperature Insulation Systems and Operating at Elevated Temperatures (new standard)

Stakeholders: Maufacturers and users in the distribution and power transformer industry.

Project Need: To define new types of insulation systems and to create a standard that includes most current dielectric fluids.

Applies to all liquid-immersed distribution, power and regulating transformers that are designed to operate at temperatures that exceed the normal thermal limits of C57.12.00, under continuous load, in the designed average ambient and at rated conditions.

BSR/IEEE C135.64-20XX, Guide for Slip and Pull-Out Strength Testing of Bolted Dead End Strain Clamps (new standard)

Stakeholders: Distribution and transmission hardware manufacturers and power industry material specifiers.

Project Need: To certify the minimum slip strength of suspension clamps. It is expected that the user will select and use suitable safety factors in applying these clamps, based on experience and knowledge of applicable codes, standards, and the environment and materials involved.

Defines testing procedures for the slip and pull-out strength testing of bolted dead-end strain clamps for use on transmission and distribution lines. This Guide covers initial certification testing. For routine acceptance testing, refer to IEEE Std C135.61-2007.

BSR/IEEE N42.31-20XX, Standard for Measurement Procedures for Resolution and Efficiency of Wide-Bandgap Semiconductor Detectors of Ionizing Radiation (new standard)

Stakeholders: Makers and users of this type of wide-band gap

Project Need: To provide a consistent method for calculating resolution of the detector, or methods of measuring details of detector properties, such as the "mu-tau" value.

Applies to wide-bandgap semiconductor radiation detectors, such as cadmium telluride (CdTe), cadmium-zinc-telluride (CdZnTe, referred to herein as CZT), and mercuric iodide (HgI2) used in the detection and measurement of ionizing radiation at room temperature; gamma rays, X-rays, and charged particles are covered. The measurement procedures described in this standard apply primarily to detector elements having planar, hemispherical, or other geometries in which charge carriers of both polarities contribute to the output signal.

IESNA (Illuminating Engineering Society of North America)

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

Contact: *Rita Harrold*

Fax: (212) 248-5017

E-mail: rharrold@iesna.org

BSR/IESNA IES RP-11-200x, Design Criteria for Lighting Interior Living Spaces (new standard)

Stakeholders: Interior and lighting designers, contractors.

Project Need: To provide lighting recommendations on residential applications.

Provides a guide for designing and for teaching lighting. This standard covers residential living spaces and other areas intended to impart a residential atmosphere. It describes design objectives; criteria for quantity and quality of illuminance, lighting methods, types and uses of equipment, energy use, and electrical code considerations.

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

Office: Oak Ridge National Laboratory
P.O. Box 2008, MS-6472
Oak Ridge, TN 37831-6472

Contact: *Richard Rawl*

Fax: (865) 574-3431

E-mail: rawlrr@ornl.gov; hawkmb@ornl.gov

BSR N14.7-200x, Packages for Type A Quantities of Radioactive Material (new standard)

Stakeholders: Designers and users of Type A packagings for packaging and shipping radioactive materials.

Project Need: To create a standard that provides guidance for the design and use of Type A Packagings for Type A quantities of radioactive materials.

Provides guidance on designing and using Type A packagings for Type A quantities of radioactive material. This standard will provide guidance to ensure that stakeholders understand the considerations and testing needed to provide adequate packagings for Type A quantities of radioactive materials that will be able to withstand conditions normal to transportation.

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

Office: 1250 Eye Street, NW
Suite 200
Washington, DC 20005-3922

Contact: *Deborah Spittle*

Fax: (202) 638-4922

E-mail: dspittle@itic.org

BSR INCITS PN-2094-D-200x, Information technology - Generic Identity Command Set (GICS) (new standard)

Stakeholders: Identity market for smart cards.

Project Need: To provide for namespace standardization; to support common identity solutions across application domains; and to maintain (leverage) FIPS 140 investment.

Specifies a comprehensive and nonambiguous integrated circuit card command set for identity applications and supporting services.

NCEES (National Council of Examiners for Engineering and Surveying)

Office: P.O. Box 1686
Clemson, SC 29633

Contact: *Susan Whitfield*

Fax: (864) 654-6033

E-mail: susan@ncees.org

BSR/NCEES MLS 2-200x, Standards for Licensure as a Model Law Surveyor (new standard)

Stakeholders: State licensing boards, public, professional surveyors.

Project Need: To provide guidance for uniform measures of minimum competency in the practice of surveying.

Covers the minimum requirements for competency as a licensed surveyor. These standards have been vetted by the surveying community and served as a guideline for licensure for many years.

BSR/NCEES MLSE 3-200x, Standards for Licensure as a Model Law Structural Engineer (new standard)

Stakeholders: State licensing boards, public, professional engineers.

Project Need: To provide guidance for uniform measures of minimum competency in the practice of structural engineering.

Covers the minimum requirements for competency as a licensed structural engineer. These standards have been vetted by the engineering community and served as a guideline for licensure for many years.

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, 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.

IEC Draft International Standards

This section lists proposed standards that the International Electrotechnical Commission (IEC) is considering for approval. The proposals have received substantial support within the technical committees or subcommittees that developed them and are now being circulated to 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 IEC documents should be sent to Charles T. Zegers, at ANSI's New York offices. The final date for offering comments is listed after each draft.

Ordering Instructions

IEC Drafts can be made available by contacting ANSI's Customer Service department. Please e-mail your request for an 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.

45A/745/FDIS, IEC 61226 Ed.3: Nuclear power plants - Instrumentation and control important to safety - Classification of instrumentation and control functions, 06/26/2009

46/323/FDIS, IEC 61935-1: Specification for the testing of balanced and coaxial information technology cabling - Part 1: Installed balanced cabling as specified in ISO/IEC 11801 and related standards, 06/26/2009

64/1677/FDIS, IEC 60364-5-56 Ed.2: Low-voltage electrical installations - Part 5-56: Selection and erection of electrical equipment - Safety services, 06/26/2009

77A/691/FDIS, IEC 61000-4-16 A2 Ed.1:IEC 61000-4-16 A2 Ed.1: Electromagnetic compatibility (EMC) - Part 4-16: Testing and measurement techniques - Test for immunity to conducted, common mode disturbances in the frequency range 0 Hz to 150 kHz, 06/26/2009

86C/884/FDIS, IEC 62148-16 Ed. 1.0: Fibre optic active components and devices: Package and interface standards - Part 16: Transmitter and receiver components for use with LC connector interface, 06/26/2009

86C/885/FDIS, IEC 61280-2-3 Ed. 1.0: Fibre optic communication subsystem test procedures - Part 2-3: Digital systems - Jitter and wander measurements, 06/26/2009

86B/2850/FDIS, IEC 62074-1 Ed. 1.0: Fibre optic interconnecting devices and passive components - Fibre optic WDM devices - Part 1: Generic specification, 06/26/2009

100/1547/FDIS, IEC 61606-1: Audio and audiovisual equipment - Digital audio parts - Basic measurement methods of audio characteristics - Part 1: General, 06/26/2009

100/1548/FDIS, IEC 61606-2: Audio and audiovisual equipment - Digital audio parts - Basic measurement methods of audio characteristics - Part 2: Consumer use, 06/26/2009

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).

ACOUSTICS (TC 43)

ISO 362-1/Cor1:2009, Measurement of noise emitted by accelerating road vehicles - Engineering method - Part 1: M and N categories - Corrigendum, FREE

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

ISO 27427:2009, Anaesthetic and respiratory equipment - Nebulizing systems and components, $141.00

CEMENT AND LIME (TC 74)

ISO 679:2009, Cement - Test methods - Determination of strength, $116.00

CRANES (TC 96)

ISO 4301-2:2009, Cranes - Classification - Part 2: Mobile cranes, $37.00

ISO 10972-2:2009, Cranes - Requirements for mechanisms - Part 2: Mobile cranes, $49.00

FIRE SAFETY (TC 92)

ISO 14696:2009, Reaction-to-fire tests - Determination of fire and thermal parameters of materials, products and assemblies using an intermediate-scale calorimeter (ICAL), $157.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO 22266-1:2009, Mechanical vibration - Torsional vibration of rotating machinery - Part 1: Land-based steam and gas turbine generator sets in excess of 50 MW, $110.00

PAINTS AND VARNISHES (TC 35)

ISO 16773-3:2009, Paints and varnishes - Electrochemical impedance spectroscopy (EIS) on high-impedance coated specimens - Part 3: Processing and analysis of data from dummy cells, $65.00

ISO 16773-4:2009, Paints and varnishes - Electrochemical impedance spectroscopy (EIS) on high-impedance coated specimens - Part 4: Examples of spectra of polymer-coated specimens, $92.00

PLASTICS (TC 61)

ISO 25217:2009, Adhesives - Determination of the mode 1 adhesive fracture energy of structural adhesive joints using double cantilever beam and tapered double cantilever beam specimens, $110.00

PRODUCTS IN FIBRE REINFORCED CEMENT (TC 77)

ISO 9125:2009, Fibre-cement slates and fittings - Product specification and test methods, $135.00

ROLLING BEARINGS (TC 4)

ISO 3290-1/Cor1:2009, Rolling bearings - Balls - Part 1: Steel balls - Corrigendum, FREE

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 1436:2009, Rubber hoses and hose assemblies - Wire-braid-reinforced hydraulic types for oil-based or water-based fluids - Specification, $73.00

ISO 3862:2009, Rubber hoses and hose assemblies - Rubber-covered spiral-wire-reinforced hydraulic types for oil-based or water-based fluids - Specification, $80.00

ISO 4079:2009, Rubber hoses and hose assemblies - Textile-reinforced hydraulic types for oil-based or water-based fluids - Specification, $80.00

SOLID MINERAL FUELS (TC 27)

ISO 18283/Cor1:2009, Hard coal and coke - Manual sampling - Corrigendum, FREE

TEXTILES (TC 38)

ISO 105-B07:2009, Textiles - Tests for colour fastness - Part B07: Colour fastness to light of textiles wetted with artificial perspiration, $49.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO 21299:2009, Powered ride-on turf care equipment - Roll-over protective structures (ROPS) - Test procedures and acceptance criteria, $104.00

WOOD-BASED PANELS (TC 89)

ISO 27567:2009, Laminated veneer lumber - Measurement of dimensions and shape - Method of test, $49.00

ISO Technical Reports

APPLICATIONS OF STATISTICAL METHODS (TC 69)

ISO/TR 18532:2009, Guidance on the application of statistical methods to quality and to industrial standardization, $249.00

CEMENT AND LIME (TC 74)

ISO/TR 12389:2009, Methods of testing cement - Report of a test programme - Chemical analysis by x-ray fluorescence, $157.00

ISO Technical Specifications

FREIGHT CONTAINERS (TC 104)

ISO/TS 10891/Cor1:2009, Freight containers - Radio frequency identification (RFID) - Licence plate tag - Corrigendum, FREE

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO/TS 15926-3:2009, Industrial automation systems and integration - Integration of life-cycle data for process plants including oil and gas production facilities - Part 3: Reference data for geometry and topology, $116.00

ROLLING BEARINGS (TC 4)

ISO/TS 16281/Cor1:2009, Rolling bearings - Methods for calculating the modified reference rating life for universally loaded bearings - Corrigendum, FREE

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

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 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

BSR/NADCA ACR-200x

In the PINS section of the April 24, 2009 issue of Standards Action, the fax number for the National Air Duct Cleaners Association (NADCA) was missing from the listing for BSR/NADCA ACR-200x. The fax number is (202) 347-8847.

ANSI Accredited Standards Developers

Administrative Reaccreditations

ASC CGATS – Committee for Graphic Arts Technologies Standards

Accredited Standards Committee CGATS, Committee for Graphic Arts Technologies Standards, has been administratively reaccredited at the direction of ANSI's Executive Standards Council, under operating procedures revised to bring the document into compliance with the 2009 version of the ANSI Essential Requirements, effective April 29, 2009. For additional information, please contact the Secretariat of ASC CGATS, NPES - Association for Suppliers of Printing, Publishing and Converting Technologies: Ms. Mary Abbott, Director, Standards Programs, NPES, 1899 Preston White Drive, Reston, VA PHONE: (703) 264-7229; FAX: (703) 620-0994; E-mail: mabbott@npes.org.

ASC Z94 – Industrial Engineering Technology

Accredited Standards Committee Z94, Industrial Engineering Technology, has been administratively reaccredited at the direction of ANSI's Executive Standards Council, under operating procedures revised to bring the document into compliance with the 2009 version of the ANSI Essential Requirements, effective April 29, 2009. For additional information, please contact the Secretariat of ASC Z94, the Institute of Industrial Engineers: Ms. Heather Bradley, Director of Membership, IIE, 3577 Parkway Lane, Suite 200, Norcross, GA 30092, PHONE: (703) 349-1122; FAX: (770) 263-8532; E-mail: hbradley@iienet.org.

Call for Members

ASC Z245 – Equipment Technology and Operations for Wastes and Recyclable Materials

Accredited Standards Committee Z245 is soliciting members in the following interest categories:

a) Insurance – Companies having an interest in the safety and insurable risk of equipment or facilities included within the scope of the committee

b) Labor – Individuals or organizations, including unions, having an interest in the equipment or facilities included within the scope of the committee

c) User – End-user of equipment or facilities included within the scope of the committee (e.g., solid waste hauling company, material recycling facility operator, commercial waste generator)

d) Regulatory Agency – A federal, state or local regulatory authority having jurisdiction over the approval of equipment or facilities included within the scope of the committee or having jurisdiction for the safe operation of those equipment or facilities.

Accredited Standards Committee Z245 is responsible for standards development activities covering design, manufacture, installation, modification, servicing, maintenance and use of equipment technology, including the operations of facilities and activities in which this technology is incorporated, for the purposes of collection, transportation, containment, processing, treatment and disposal of wastes and the collection, transportation, containment and processing of recyclable materials.

For more information, contact:

Accredited Standards Committee Z245 Secretariat
c/o Environmental Industry Associations
Office: 4301 Connecticut Avenue, NW, Suite 300
Washington, DC 20008\
Contact: Gary Satterfield
PHONE: (202) 364-3750
FAX: (202) 966-4824
E-Mail: garys@wastec.org

ANSI Accreditation Program for Third Party Product Certification Agencies

Scope Extensions

International Association of Plumbing and Mechanical Officials Research and testing, Inc. (IAPMO RT)

Comment Deadline: June 1, 2009

Shahin Moinian
International Association of Plumbing and
Mechanical Officials Research and Testing, Inc. (IAPMO RT)
5001 E. Philadelphia St.
Ontario, CA 91761
PHONE: (909) 472-4121
FAX: (909) 474-4150
E-mail: shahin.moinian@iapmort.org
Web: http://www.iapmo.org

Shirley Dewi (cc)
International Association of Plumbing and
Mechanical Officials Research and Testing, Inc. (IAPMO RT)
5001 E. Philadelphia St.
Ontario, CA 91761
PHONE: (909) 230-5530
FAX: (909) 472-4199
E-mail: Shirley.Dewi@iapmort.org
Web: http://www.iapmo.org

International Association of Plumbing and Mechanical Officials Research and Testing Inc. (IAPMO RT), an ANSI-accredited certification body, has requested a scope extension of ANSI accreditation to include the following scope(s):

SCOPES

Electric Hot Tubs, Spas, and Associated Equipment
Electric Plumbing Accessories
Hydromassage Bathtubs
Personal Hygiene and Health Care Appliances
Electric Swimming Pool Pumps, Filters, and Chlorinators
Electric Fans
Motor-Operated Water Pumps
Electric Heating Appliances
Electric Water Heaters for Pools and Tubs
Outline of Investigation for Transformers for Fountain, Swimming Pool, and Spa Luminaires
Underwater Luminaires and Submersible Junction Boxes
Electric Dry-Bath Heaters
Drinking-Water Coolers

Please send your comments by June 1, 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.

TUV Rheinland of North America, Inc.

Comment Deadline: June 1, 2009

TUV Rheinland of North America, Inc.
762 Park Avenue
Youngsville, NC 27596

TUV Rheinland of North America, Inc., an ANSI accredited certification body, has expanded its scope of ANSI accreditation to include the following scope:

SCOPE

Industry Canada (a) Radio – All Radio Standards Specifications (RSS) in Category I Equipment Standards List Radio

Please send your comments by June 1, 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.

International Organization for Standardization (ISO)

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.

Calls for International (ISO) Secretariats

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.

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

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

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

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

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

Meeting Notices

ASC Z88 – Respiratory Protection Standards Committee

The next meeting of ASC Z88 (Respiratory Protection Standards Committee) will be Monday, June 1, 6:00 – 8:00 PM. The ANSI/AIHA Z88.12 subcommittee on Respiratory Protection for Infectious Aerosols will meet on Monday, June 1, 2:00 – 4:00 PM and the ANSI/AIHA Z88.14 subcommittee on Respirator Use for Emergency Response and Operations Against Terrorism and Weapons of Mass Destruction will meet on Monday, June 1, 10:30 AM – 12:30 PM. All meetings will be held at the Fairmont Royal York Hotel in Toronto, Canada. For more information, please call Mili Mavely at AIHA, Z88 Secretariat at (703) 846-0794 or mmavely@aiha.org.

ASC Z9 – Health and Safety for Ventilation System Standards Committee

The next meeting of the ASC Z9 (Health and Safety for Ventilation System Standards Committee) will be held on Tuesday, June 2, 6:00 – 8:00 PM and the ANSI/AIHA Z9.5 Subcommittee on Laboratory Ventilation will meet on Saturday May 30, 8:00 AM – 5:00 PM. Both meetings will be held at the Fairmont Royal York Hotel in Toronto, Canada. For more information, please call Mili Mavely at AIHA, Z88 Secretariat at (703) 846-0794 or mmavely@aiha.org.

(*d*) The free-field seismic input (commonly in the form of accelerations) for the design earthquake.

(*e*) The responsibility for developing the in-structure seismic response spectra, where required.

(*f*) The operating conditions concurrent with the seismic load.

(*g*) The responsibility for qualification of the operability of active components, where required.

(*h*) The responsibility for the evaluation of seismic interactions.

(*i*) The responsibility for as-built reconciliation of construction deviations from the design documents.

2 MATERIALS

2.1 Applicability

This Standard applies to metallic ductile piping systems, listed in the applicable ASME B31 Code section.

2.2 Retrofit

The seismic retrofit of existing piping systems shall take into account the condition of the system and its restraints. As part of the seismic retrofit, the piping system shall be inspected to identify defects in the piping or its supports and current and anticipated degradation that could prevent the system from performing its seismic function.

3 DESIGN

3.1 Seismic Loading

The seismic loading to be applied may be in the form of horizontal and vertical seismic static coefficients, or horizontal and vertical seismic response spectra. The seismic input is to be specified by the engineering design in accordance with the applicable standard (such as ASCE 7) or site-specific seismic loading (para. 1.3).

The seismic loading shall be specified for each of three orthogonal directions (typically plant east–west, north–south, and vertical). The seismic design should be based on either a three-directional excitation, east–west plus north–south plus vertical, combined by square-root sum of the squares (SRSS), or a two-directional design approach based on the envelope of the SRSS of the east–west plus vertical and north–south plus vertical seismic loading.

The seismic loading applied to piping systems inside buildings or structures shall account for the in-structure amplification of the free-field accelerations by the structure. The in-structure amplification may be determined based on applicable standards (such as the in-structure seismic coefficient in ASCE 7) or by a facility-specific dynamic evaluation.

The damping for design earthquake response spectrum evaluation of piping system shall be 5% of critical damping.

3.2 Design Method

The method of seismic design is given in Table 1, and depends on

(*a*) the classification of the piping system (critical or noncritical)

(*b*) the magnitude of the seismic input

(*c*) the pipe size

In all cases, the designer may elect to seismically design the pipe by analysis, in accordance with para. 3.4.

3.3 Design By Rule

3.3.1 Where design by rule is permitted in Table 1, the seismic qualification of piping systems may be established by providing lateral seismic restraints at a maximum spacing given by the following:

(*a*) For U.S. Customary units

.0123

$$L_{max} = \text{the smaller of } 1.94 \times \frac{L_T}{a^{0.25}} \text{ and } 0.01 \times L_T \times \sqrt{\frac{S_y}{a}}$$

a = peak spectral acceleration, largest in any of the three directions, including in-structure amplification, g

L_{max} = maximum permitted pipe span between lateral seismic restraints, ft

L_T = reference span, the recommended span between weight supports, from ASME B31.1, Table 121.5 (reproduced in Table 2), ft

S_Y = material yield stress at operating temperature, psi

(*b*) For SI units

.148

$$L_{max} = \text{the smaller of } 1.94 \times \frac{L_T}{a^{0.25}} \text{ and } 3.33 \times L_T \times \sqrt{\frac{S_y}{a}}$$

a = peak spectral acceleration, largest in any of the three directions, including in-structure amplification, g

L_{max} = maximum permitted pipe span between lateral seismic restraints, m

L_T = reference span, the recommended span between weight supports, from ASME B31.1, Table 121.5 (reproduced in Table 2), m

S_Y = material yield stress at operating temperature, MPa

241

The maximum span L_{max} between lateral seismic restraints for steel pipe with a yield stress S_Y = 35 ksi (238 MPa), in water service, for several values of lateral seismic acceleration a, is provided in Table 2. Longer spans can be developed for gas and vapor service.

3.3.2 The maximum permitted span length L_{max} should be reduced by a factor of 1.7 for threaded, brazed, and soldered pipe.

Certain National or International Seismic Standards (such as ASCE 7) modify the seismic loading combinations based on whether Strength Design or Allowable Stress Design methods are used. For the purposes of applying standards which have different combinations, the basis for determining $M_{seismic}$ in Section 3.4 "Design by Analysis" is Allowable Stress Design.

Table 2 Maximum Span, ft (m), Between Lateral Seismic Restraints for Steel Pipe With a Yield Stress of 35 ksi (238 MPa), in Water Service at 70°F (21°C)

NPS (DN)	L_5 ft (m)	Maximum Span, ft (m) 0.1 g	[illegible] g	1.0 g	2.0 g	3.0 g
1 (25)	7 (2.1)	24 (7.3)	18 (5.4)	13 (3.9)	11 (3.3)	9 (2.7)
2 (50)	10 (3)	34 (10.2)	26 (7.8)	19 (5.7)	16 (4.8)	13 (3.9)
3 (80)	12 (3.6)	41 (12.3)	31 (9.3)	23 (6.9)	19 (5.7)	15 (4.5)
4 (100)	14 (4.2)	48 (14.4)	37 (11.2)	27 (8.2)	22 (6.6)	18 (5.4)
6 (150)	17 (5.2)	58 (17.4)	45 (13.2)	32 (9.6)	27 (8.2)	22 (6.6)
8 (200)	19 (5.8)	66 (19.5)	50 (15)	38 (10.8)	31 (9)	25 (7.8)
12 (300)	23 (6.9)	79 (23.7)	60 (18)	45 (13.2)	37 (11.2)	30 (9)
16 (400)	27 (8.2)	93 (27.9)	71 (21)	52 (15.6)	44 (13.2)	36 (10.8)
20 (500)	30 (9)	103 (30.9)	78 (23.4)	58 (17.4)	48 (14.4)	40 (11.7)
24 (600)	32 (9.8)	110 (33)	84 (25.2)	62 (18.9)	52 (15.6)	43 (12.6)

"However, when $M_{seismic}$ is computed based on para. 13.3.1 of ASCE 7 the parameter a_P shall be 2.5 and the parameter R_P shall not exceed 3.5 when applying the above allowable stress limits."

by static or dynamic analysis) shall comply with the following equations:

$$\frac{PD}{4t} + 0.75i\frac{M_{sustained} + M_{seismic}}{Z} \le \min [2.4S; 1.5S_Y; 60 \text{ ksi } (408 \text{ MPa})]$$

$$\frac{F_{SAM}}{A} \le S_Y$$

A = pipe cross-sectional area, deducting corrosion/erosion allowance but not mill tolerance
D = outside pipe diameter
F_{SAM} = resultant force (tension plus shear) due to seismic anchor motion
i = stress intensification factor, from the applicable ASME B31 Code section, $0.75i$ cannot be less than 1
$M_{seismic}$ = elastically calculated resultant moment amplitude due to seismic load, including inertia and relative anchor motion
$M_{sustained}$ = elastically calculated resultant moment amplitude due to sustained loads concurrent with the seismic load
P = system operating pressure
S = ASME B31 allowable stress, at the normal operating temperature; for ASME B31.4, use 0.80 S_Y, for ASME B31.8, use FTS_Y where F = location factor, T = temperature derating factor, as defined in B31.8
S_Y = specified minimum yield stress of the material (SMYS) at the normal operating temperature
t = pipe wall thickness, deducting corrosion allowance but not mill tolerance
Z = pipe section modulus, deducting corrosion/erosion allowance but not mill tolerance, in.[3]

3.5 Alternative Design Methods

The piping system may be qualified by more detailed analysis techniques, including fatigue, plastic, or limit load analysis.

concrete, shall be calculated by static or dynamic analysis, and added to concurrent operating loads.

3.7.2 The seismic adequacy of seismic restraints shall be determined on the basis of vendor catalogs, and the applicable design method and standard, such as MSS SP-58 or MSS SP-69 for standard support components, AISC or AISI for steel members, and ACI for concrete anchor bolts. The qualification of seismic restraints shall also address the prevention of buckling.

3.7.3 The seismic adequacy of nonseismic restraints shall also be verified if they are expected to perform a function after the earthquake. For example, spring hangers should not be permitted to pull off the wall if they are necessary to support the pipe weight after the earthquake.

3.7.4 For lateral seismic restraints, a total diametric gap equal to ½ in. (12 mm) is acceptable. A gap up to $0.1D$ or 2 in. (50 mm), whichever is smaller, is permitted, provided the seismic load, calculated on the basis of zero gap, is multiplied by an impact factor of 2. Larger gaps or smaller impact factors may be justified by analysis or test.

3.7.5 Short rod hangers [typically less than 12 in. (300 mm) long] may provide a restoring force that tends to limit side-sway of hung pipe, and may be considered as seismic restraints, provided they are designed to sustain the seismic loads and movements.

3.8 Equipment and Components

The seismic and concurrent loads applied by the pipe at equipment and component nozzles shall be qualified as part of the seismic design or retrofit of the piping system, to a degree commensurate with the required system function, as specified in para. 1.3.

For position retention, it is usually sufficient to show that the piping loads on equipment and components will not cause rupture. For leak tightness, the stress shall be maintained within yield or shown not to cause fatigue ruptures. For operability, the piping loads shall be kept within operability limits established by detailed analy-

Proposals for BSR/UL 758 Dated May 1, 2009

Table 7.1

Index to insulations and jackets

Materials	Temperature rating	Applicable table of physical properties in UL 1581	Notes
EPDM	60	50.24	-
EPDM	75	50.54	-
EPDM	90	50.52	-
EPDM	125	50.56	- ~~insulation~~

18.1 Bare copper, copper alloy, ~~or~~ copper-clad aluminum, and copper-clad steel conductors without a metal coating are required to be tested. One specimen of an insulated conductor is to be tested in accordance with Conductor Corrosion - General, Section 500 of UL 1581. The specimen is to be conditioned with the conductor in place, in an air oven for the same time and temperature as described in the physical properties requirements for the specific material and its associated temperature rating in Physical Properties of Insulation and Jacket, Unaged and Air Oven Aged, Section 14. When the material is not specified, aging in accordance with 14.1 is to be used. Insulated conductors in a jacketed cable are to be removed and tested independently of the finished cable.

Table 19.1

Load, temperature, and decrease in thickness for deformation test

			Load			
Material	**Sample**	**Size of conductor, AWG**	**gf**	**N**	**Test temperature, °C (°F)**	**Maximum decrease in thickness, percent**
PVC, SRPVC, ~~PU~~, TPES, mPPE, nylon, THV, TPU	Insulation or integral insulation and jacket	30 - 21	250	2.45	121.0 ±1.0	50
		20 - 12	400[a]	3.93[a]	(249.8 ±1.8)	
		10 - 7	500	4.90		
		6 - 1	1600	9.80		
		1/0 - 4/0	2000	19.61		
	Any separable jacket	-	2000[b]	19.61[b]	121.0 ±1.0	50
					(249.8 ±1.8)	

[a] For wall thickness less than 30 mils, test at 250 gf (2.45 N).

[b] A jacket is to be tested in tubular form when it is too small in diameter to yield flat specimens having a width equal to or exceeding the diameter of the presser foot of the deformation apparatus. In this case, a solid conductor or solid steel rod having a diameter that is neither too loose nor tight in the jacket is to be inserted into the jacket. The load applied shall be identical to the load assigned to the conductor size (AWG) specified in this table.

BSR/UL 1839

4.11 Flame test

4.11.1 ~~Samples of the cable are to be subjected to the Flame test described in the Standard for Battery Booster Cables, SAE J1494 . The cable shall not burn for more than 30 seconds after the heat source is removed.~~ Samples of the cable are to be subjected to the Resistance to flame propagation test described in the Standard for Low Voltage Battery Cable, SAE J1127.