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American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

ISSN 0038-9633

Comment Deadline: May 23, 2010

NSF (NSF International)

Revisions

BSR/NSF 50-201x (i66), Equipment for Swimming Pools, Spas/Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2009a)

Issue 66 - Updates the standard so that an equalizer port and line is not a requirement unless required by the local regulatory authority having jurisdiction. However, if it is utilized, it shall have certain items specified.

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

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

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 25-201x, Standard for Safety for Meters for Flammable and Combustible Liquids and LP-Gas (Proposals dated 4/23/10) (revision of ANSI/UL 25-2005)

Adds a new specification reference for copper tubing, revises the pressure gauge requirements, and provides editorial revisions.

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

Single copy price: Contact comm2000 for pricing and delivery options

Send comments (with copy to BSR) to: Marcia Kawate, (408) 754-6743, Marcia.M.Kawate@us.ul.com

BSR/UL 719-201x, Standard for Safety for Nonmetallic-Sheathed Cables (revision of ANSI/UL 719-2007a)

Adds flat, non-cabled, 3-conductor, Type NM cable.

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

Single copy price: Contact comm2000 for pricing and delivery options

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

BSR/UL 842-201x, Standard for Safety for Valves for Flammable Fluids (Proposals dated 4/23/10) (revision of ANSI/UL 842-1999 (R2007))

Revises the Moist Ammonia-Air Stress Cracking Test, Section 25.

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

Single copy price: Contact comm2000 for pricing and delivery options

Send comments (with copy to BSR) to: Marcia Kawate, (408) 754-6743, Marcia.M.Kawate@us.ul.com

BSR/UL 2335-201x, Fire Tests of Storage Pallets (revision of ANSI/UL 2335-2010)

References that an external flame breach, up to 30 continuous seconds in duration, is acceptable.

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

Single copy price: Contact comm2000 for pricing and delivery options

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

Comment Deadline: June 7, 2010

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoptions

BSR/AAMI/ISO 25539-3-201x, Cardiovascular implants - Endovascular devices - Part 3: Vena cava filters (identical national adoption of ISO 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. It should be considered as a supplement to ISO 14630, which specifies general requirements for the performance of non-active surgical implants.

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

Obtain an electronic copy from: www.aami.org

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

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

AGA (ASC Z380) (American Gas Association)

Revisions

BSR GPTC Z380.1-2009 TR06-29 200x, Guide for Gas Transmission and Distribution Piping Systems (revision of ANSI GPTC Z380.1-2009)

Revises the Guide Material in 192.515 regarding engineering analysis for anchors. This standard provides guidance to operators of natural-gas and LP pipeline systems.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, (202) 824-7312, pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2009 TR07-17 200x, Guide for Gas Transmission and Distribution Piping Systems (revision of ANSI GPTC Z380.1-2009)

Revises the Guide Material in 192.925 and G-192-1 regarding requirements for ECDA. The standard provides guidance to operators of natural-gas and LP pipeline systems.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, (202) 824-7312, pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2009 TR08-27 200x, Guide for Gas Transmission and Distribution Piping Systems (revision of ANSI GPTC Z380.1-2009)

Revises the Guide Material in 192.3 regarding definition of "Otherwise Changed." The standard provides guidance to operators of natural-gas and LP pipeline systems.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, (202) 824-7312, pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2009 TR08-34 200x, Guide for Gas Transmission and Distribution Piping Systems (revision of ANSI GPTC Z380.1-2009)

Revises the Guide Material in G-192-11 regarding leak classification. The standard provides guidance to operators of natural-gas and LP pipeline systems.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, (202) 824-7312, pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2009 TR08-35 200x, Guide for Gas Transmission and Distribution Piping Systems (revision of ANSI GPTC Z380.1-2009)

Revises the Guide Material in 192.3 regarding meter set assembly definition. The standard provides guidance to operators of natural-gas and LP pipeline systems.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, (202) 824-7312, pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2009 TR09-02 200x, Guide for Gas Transmission and Distribution Piping Systems (revision of ANSI GPTC Z380.1-2009)

Revises the Guide Material in G-192-15B regarding HDD Pullback Process. The standard provides guidance to operators of natural-gas and LP pipeline systems.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, (202) 824-7312, pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2009 TR09-10 200x, Guide for Gas Transmission and Distribution Piping Systems (revision of ANSI GPTC Z380.1-2009)

Revises the Guide Material in 192.7, 192.55, G-192-1 regarding references to API 5L. The standard provides guidance to operators of natural-gas and LP pipeline systems.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, (202) 824-7312, pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2009 TR09-15 200x, Guide for Gas Transmission and Distribution Piping Systems (revision of ANSI GPTC Z380.1-2009)

Revises the Guide Material in 192.465, 192.703, G-192-1, G-192-18 regarding prioritizing pipe replacement. The standard provides guidance to operators of natural-gas and LP pipeline systems.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, (202) 824-7312, pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2009 TR09-20 200x, Guide for Gas Transmission and Distribution Piping Systems (revision of ANSI GPTC Z380.1-2009)

Revises the Guide Material in 192.614 regarding pre-excavation meetings. The standard provides guidance to operators of natural-gas and LP pipeline systems.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, (202) 824-7312, pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2009 TR09-25 200x, Guide for Gas Transmission and Distribution Piping Systems (revision of ANSI GPTC Z380.1-2009)

Revises the Guide Material in 192.933 regarding discovery. The standard provides guidance to operators of natural-gas and LP pipeline systems.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, (202) 824-7312, pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2009 TR09-27 200x, Guide for Gas Transmission and Distribution Piping Systems (revision of ANSI GPTC Z380.1-2009)

Revises the Guide Material in 192.933 regarding cross-reference for dents. The standard provides guidance to operators of natural-gas and LP pipeline systems.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, (202) 824-7312, pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2009 TR10-05 200x, Guide for Gas Transmission and Distribution Piping Systems (revision of ANSI GPTC Z380.1-2009)

Revises the Guide Material in 192.476 regarding vaporized LNG. The standard provides guidance to operators of natural-gas and LP pipeline systems.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, (202) 824-7312, pcabot@aga.org

Send comments (with copy to BSR) to: Same

BSR GPTC Z380.1-2009 TR10-06 200x, Guide for Gas Transmission and Distribution Piping Systems (revision of ANSI GPTC Z380.1-2009)

Revises the Guide Material in 192.121 regarding definition of "S". The standard provides guidance to operators of natural-gas and LP pipeline systems.

Single copy price: Free

Obtain an electronic copy from: www.aga.org/gptc

Order from: Paul Cabot, (202) 824-7312, pcabot@aga.org

Send comments (with copy to BSR) to: Same

AITC (American Institute of Timber Construction)

New Standards

BSR/AITC 117-201x, Standard Specifications for Structural Glued Laminated Timber of Softwood Species (new standard)

Describes the design values and adjustment factors for use in the design of SGLT, and the specific layup requirements and requirements for lumber, adhesives, and end-joint performance.

Single copy price: $40.00

Obtain an electronic copy from: rgoff@aitc-glulam.org

Order from: Ron Goff, (303) 792-9559, rgoff@aitc-glulam.org

Send comments (with copy to BSR) to: Same

ATIS (ASC O5) (Alliance for Telecommunications Industry Solutions)

New Standards

BSR O5.5-201x, Wood Ground Wire Moulding (new standard)

Provides minimum specification for the quality and dimensions of wood-moulding protect ground wires on utility pole structures.

Single copy price: $25.00

Obtain an electronic copy from: kconn@atis.org

Order from: Kerrianne Conn, (202) 434-8841, kconn@atis.org

Send comments (with copy to BSR) to: Same

AWS (American Welding Society)

Revisions

BSR/AWS A5.32/A5.32M:20xx (ISO 14175:2008 MOD), Welding Consumables - Gases and Gas Mixtures for Fusion Welding and Allied Processes (revision of ANSI/AWS A5.32/A5.32M-1997 (R2007))

Prescribes the requirement for the classification of gases and gas mixtures for fusion welding and allied processes. Classification is based on compostition of the more popular single and multi-component gases. Additional requirements are included for purity and moisture of individual gas components, testing, re-testing, packaging and cylinder or container labeling. An annex is appended to the standard as a source of information concerning the classification system and the intended use of the gases and gas mixtures.

Single copy price: $25.00

Obtain an electronic copy from: roneill@aws.org

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

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

AWWA (American Water Works Association)

Revisions

BSR/AWWA B408-201x, Liquid Polyaluminum Chloride (revision of ANSI/AWWA B408-2003)

Describes polyaluminum chloride (PAC1) in aqueous (liquid) form for use in the treatment of potable, wastewater, and reuse or reclaimed water.

Single copy price: $20.00

Obtain an electronic copy from: llobb@awwa.org

Order from: Paul Olson, (303) 347-6178, polson@awwa.org

Send comments (with copy to BSR) to: Same

BSR/AWWA B511-201x, Potassium Hydroxide (revision of ANSI/AWWA B511-2005)

Describes the use of potassium hydroxide (KOH), dry and liquid, for use in the treatment of potable, wastewater, and reused or reclaimed water.

Single copy price: $20.00

Obtain an electronic copy from: llobb@awwa.org

Order from: Paul Olson, (303) 347-6178, polson@awwa.org

Send comments (with copy to BSR) to: Same

BSR/AWWA B550-201x, Calcium Chloride (revision of ANSI/AWWA B550-2005)

Describes calcium chloride (CaCl) in powder, pellet, granule, flake, or briquette form for use in the treatment of potable, wastewater, and reused or reclaimed water.

Single copy price: $20.00

Obtain an electronic copy from: llobb@awwa.org

Order from: Paul Olson, (303) 347-6178, polson@awwa.org

Send comments (with copy to BSR) to: Same

BSR/AWWA B603-201x, Permanganates (revision of ANSI/AWWA B603-2003)

Describes both dry potassium permanganate (KMnO4) crystals, CAS No. 7722-64-7, as well as liquid sodium permanganate (NaMnO4) solutions, CAS No. 10101-50-5, for use in the treatment of potable and reuses or reclaimed water and wastewater.

Single copy price: $20.00

Obtain an electronic copy from: llobb@awwa.org

Order from: Paul Olson, (303) 347-6178, polson@awwa.org

Send comments (with copy to BSR) to: Same

HIBCC (Health Industry Business Communications Council)

Revisions

BSR/HIBCC 3.1-201x, Positive Identification for Patient Safety; Part 1: Medication Delivery (revision and redesignation of ANSI/HIBCC 3.0-2008)

Defines the data formats for the data carriers (barcodes, 2-D symbols or RFID Tags), which are used to automatically capture information to positively identify objects in the processes around medication administration and management. The objects include: Employee Badges, Patient Wristbands, Non-IV Medications, IV-Medications and Smart Infusion Pumps and Device License Plate labeling for intelligent devices.

Single copy price: Free

Obtain an electronic copy from: www.hibcc.org or info@hibcc.org

Order from: Katy Giglio, (602) 381-1091, info@hibcc.org

Send comments (with copy to BSR) to: Same

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

New National Adoptions

INCITS/ISO/IEC 14496-2:2004/AM5:2009, Information technology - Coding of audio-visual objects - Part 2: Visual - Amendment 5: Simple studio profile levels 5 and 6 (identical national adoption of ISO/IEC 14496-2:2004/AM5:2009)

This is the fifth amendment to ISO/IEC 14496-2:2004, which provides the following elements related to the encoded representation of visual information:
- Specification of video coding tools, object types, and profiles, including capability to encode rectangular-based and arbitrary-shaped video objects, capability to define scalable bitstreams and error-resilient encoding tools; and
- Specification of coding tools, object types and profiles for mapping of still textures into visual scenes.

Single copy price: $16.00

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: Deborah Spittle, (202) 626-5746, dspittle@itic.org

INCITS/ISO/IEC 19778-2:2008, Information technology - Learning, education and training - Collaborative technology - Collaborative workplace - Part 2: Collaborative environment data model (identical national adoption of ISO/IEC 19778-2:2008)

Specifies the Data Model for a collaborative environment. The collaborative environment Data Model composes collaborative tools and declares their collaborative functions by specifying their names. These names may be used as references to collaborative tools and collaborative functions specified in detail by further specifications or standards. Where no such specifications or standards are available or identified, the provision of descriptions for human interpretation may support harmonized use of these names.

Single copy price: $98.00

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: Deborah Spittle, (202) 626-5746, dspittle@itic.org

MHI (ASC MHC) (Material Handling Industry)

Revisions

BSR MH10.8.2-201x, Data Identifier and Application Identifier Standard (revision of ANSI MH10.8.2-2006)

Provides:

- a comprehensive dictionary of MH10/SC 8 Data Identifiers and GS1 Application Identifiers;
- for the assignment of new Data Identifiers, as required; and
- a document detailing the correlation, or mapping, of Data Identifiers to Application Identifiers, where a correlation exists.

Single copy price: $10.00

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

NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)

Revisions

BSR/NB-23, 2011 Edition, Cycle A-201x, National Board Inspection Code (revision of ANSI/NB 23 2010 Edition with 2010 Addendum Cycle A-2010)

Provides rules and guidelines for the in-service, inspection, installation, repair and alteration of pressure-retaining items and in-service inspection and repair of pressure-relief valves.

Single copy price: N/A

Obtain an electronic copy from: rhough@nationalboard.org

Order from: Robin Hough, (614) 888-8320, rhough@nationalboard.org

Send comments (with copy to BSR) to: Same

NEMA (National Electrical Manufacturers Association)

New Standards

BSR/NEMA SB 40-201x, Communications Systems for Life Safety in Schools (new standard)

Covers the application, installation, location, performance, and maintenance of school communications systems and their components. The purpose of this standard is to define the means of signal initiation, transmission, notification, and annunciation; level of performance; and the reliability of various types of school communication systems. The standard also defines the features associated with these systems. This standard establishes minimum required levels of performance, extent of redundancy, and quality of installation, but does not limit the methods by which these requirements are to be achieved.

Single copy price: Free

Obtain an electronic copy from: Vin_baclawski@nema.org

Order from: Vincent Baclawski, (703) 841-3236, vin_baclawski@nema.org

Send comments (with copy to BSR) to: Same

NSF (NSF International)

New Standards

BSR/NSF 321-201x (i1), Standard for Botanical Dietary Supplement Ingredients: Goldenseal Root (Hydrastis canadensis) (new standard)

Issue 1: Establishes an ANSI/NSF standard for Goldenseal Root.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/download.php/7899/321i1r1.pdf

Order from: Joan Hoffman, (734) 769-5159, jhoffman@nsf.org

Send comments (with copy to BSR) to: Same

Revisions

BSR/NSF 173-201x (i33), Dietary Supplements (revision of ANSI/NSF 173-2009)

Issue 33: Section 7.3 of the current version of Standard 173 needs to be updated to be in sync with the current accepted version of the USP reference method. Additionally, an Annex should be added to provide guidelines on validating alternative test methodologies.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/download.php/7911/173i33r1.pdf

Order from: Joan Hoffman, (734) 769-5159, jhoffman@nsf.org

Send comments (with copy to BSR) to: Same

SCTE (Society of Cable Telecommunications Engineers)

New Standards

BSR/SCTE 130-8-201x, Digital Program Insertion-Advertising Systems Interfaces - Part 8: General Information Service (GIS) (new standard)

Describes the Digital Program Insertion Advertising Systems Interfaces' General Information Service (GIS) messaging and data type specification using XML, XML Namespaces, and XML Schema.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

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

Send comments (with copy to BSR) to: Rebecca Quartapella, (610) 594-7316, rquartapella@scte.org

BSR/SCTE 168-6 (HMS 168)-201x, Recommended Practice for Monitoring Multimedia (new standard)

Provides background and discussion on Multimedia Management (MMM) system requirements to assist the cable operator with MMM deployment design tradeoffs as well as provides guidance and recommendations on several topics related to the deployment of Multimedia Management systems based on the experiences to date of both the participating committee operators and vendor companies and the directions of ongoing work in the HMS.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

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

Send comments (with copy to BSR) to: Rebecca Quartapella, (610) 594-7316, rquartapella@scte.org

BSR/SCTE 168-7 (HMS 168)-201x, Recommended Practice for Transport Stream Verification in an IP Transport Network (new standard)

Describes the protocols within the IP network and the possible IP layer causes of media impairments, but does not provide metrics that correlate specific IP failures to media impairments. Industry-accepted metrics have been provided for IP-packet loss, delay and jitter.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

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

Send comments (with copy to BSR) to: Rebecca Quartapella, (610) 594-7316, rquartapella@scte.org

Revisions

BSR/SCTE 37-201x, Hybrid Fiber/Coax Outside Plant Status Monitoring SCTE-HMS-ROOTS Management Information Base (MIB) Definition (revision of ANSI/SCTE 37-2008)

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

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

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

Send comments (with copy to BSR) to: Rebecca Quartapella, (610) 594-7316, rquartapella@scte.org

BSR/SCTE 109-201x, Test Procedure for Common Path Distortion (CPD) (revision of ANSI/SCTE 109-2005)

Establishes the standard methodology used to measure Common Path Distortion (CPD) in Cable Telecommunications Systems.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

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

Send comments (with copy to BSR) to: Rebecca Quartapella, (610) 594-7316, rquartapella@scte.org

TIA (Telecommunications Industry Association)

New Standards

BSR/TIA 1179-201x, Healthcare Facility Telecommunications Infrastructure Standard (new standard)

Specifies requirements for telecommunications infrastructure for healthcare facilities (e.g., hospitals, clinics). This standard specifies cabling, cabling topologies, and cabling distances. Additionally, pathways and spaces and ancillary requirements are addressed. Telecommunications cabling specified by this standard is intended to support a wide range of healthcare facilities and systems.

Single copy price: $49.00

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:Teesha Jenkins, (703) 907-7706, tjenkins@tiaonline.org

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 561-201x, Standard for Safety for Floor-Finishing Machines (Proposals dated 4/23/10) (revision of ANSI/UL 561-2009)

Adds cord tag requirements (Section 38A) and revised safety instructions (Section 39) for machines intended for rental use.

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

BSR/UL 924-201x, Standard for Safety for Emergency Lighting and Power Equipment (Proposal dated 4-23-10) (revision of ANSI/UL 924-2009A)

See page 12 for the scope of this standard.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

WMMA (ASC O1) (Wood Machinery Manufacturers of America)

Revisions

BSR O1.1-201x, Woodworking Machinery - Safety Requirements (revision and redesignation of ANSI O1.1-2004)

Covers the safety requirements for the design, installation, care and use of woodworking machinery and accessory equipment, used in industrial and commercial applications, having a total connected power of 5 hp (3.7 kw) or greater, or having 3-phase wiring.

Single copy price: $50.00 (WMMA Members)/$75.00 (Nonmembers)

Obtain an electronic copy from: gmarinilli@fernley.com

Order from: Gina Marinilli, (215) 564-3484 x2238, gmarinilli@fernley.com

Send comments (with copy to BSR) to: Same

Comment Deadline: June 22, 2010

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

ANS (American Nuclear Society)

New Standards

BSR/ANS 5.4-201x, Method for Calculating the Fractional Release of Volatile Fission Products from Oxide Fuel (new standard)

Provides an analytical method for calculating the release of volatile fission products from uranium dioxide fuel pellets during normal reactor operation. When used with nuclide yields, this method will give the release-to-birth ratio, R/B, or the so-called "gap release," which is the inventory of volatile radioactive fission products that could be available for release from the fuel rod if the cladding were breached.

Single copy price: $20.00

Obtain an electronic copy from: pschroeder@ans.org

Order from: Patricia Schroeder, (708) 579-8269, pschroeder@ans.org

Send comments (with copy to BSR) to: Same

ASME (American Society of Mechanical Engineers)

Revisions

BSR/ASME B30.22-201x, Articulating Boom Cranes (revision of ANSI/ASME B30.22-2005)

Covers only cranes that are articulated by hydraulic cylinders, powered by internal combustion engines or electric motors, and mounted on a mobile chassis or stationary installation.

Single copy price: Free

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

Reaffirmations

BSR/ASME B94.33.1-1997 (R201x), Jig Bushings (Metric) (reaffirmation of ANSI/ASME B94.33.1-1997 (R2005))

Covers the American National Standard practice for sizes, types, tolerances, and identification of metric jig bushings and locking devices used for securing the bushing in the jig or bushing plate.

Single copy price: $32.00

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

Send comments (with copy to BSR) to: Calvin Gomez, (212) 591-7021, gomezc@asme.org

IEEE (Institute of Electrical and Electronics Engineers)

New Standards

BSR/IEEE 627-201x, Standard for Qualification of Equipment Used in Nuclear Facilities (new standard)

Provides the basic principles for qualification of equipment used in nuclear facilities.

Single copy price: N/A

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Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

BSR/IEEE 802.20.2-201x, Standard for Conformance to IEEE P802.20 Systems Protocol Implementation Conformance Statement (PICS) Proforma (new standard)

Represents the Protocol Implementation Conformance Statement (PICS) Proforma, per ISO/IEC Standard 9646-7 (1995) and ITU-T X.296, for the conformance specification of base stations or access nodes, and access terminals or user terminals, based upon the air interface specified in IEEE 802.20.

Single copy price: $75.00 (IEEE Members); $90.00 (Nonmembers)

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BSR/IEEE 802.20.3-201x, Standard for Minimum Performance Characteristics of IEEE P802.20 Terminals and Base Stations/Access Nodes (new standard)

Details definitions, method of measurements, and minimum performance characteristics for IEEE 802.20 MBWA terminals and base stations/Access Nodes (AN). The test methods are specified in this document; however, methods other than those specified may suffice for the same purpose.

Single copy price: $115.00 (IEEE Members); $145.00 (Nonmembers)

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Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

BSR/IEEE 1277-201x, Standard General Requirements and Test Code for Dry-Type and Oil-Immersed Smoothing Reactors for DC Power Transmission (new standard)

Defines and specifies the requirements and test code for dry-type and oil-immersed smoothing reactors for HVDC (high voltage direct current) power transmission. This standard only applies to smoothing reactors for dc transmission. It does not apply to other smoothing reactors such as reactors for power converters for variable speed drives, etc.

Single copy price: $100.00 (IEEE Members); $125.00 (Nonmembers)

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BSR/IEEE 1413-201x, Standard Framework for Reliability Prediction of Hardware (new standard)

Provides the framework for performing and reporting reliability predictions. This standard applies to hardware products, including electronic, electrical, and mechanical devices and assemblies.

Single copy price: $70.00 (IEEE Members); $85.00 (Nonmembers)

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Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

BSR/IEEE 1451.7-201x, Standard for a Smart Transducer Interface for Sensors and Actuators - Transducers to Radio Frequency Identification (RFID) Systems Communication Protocols and Transducer Electronic Data Sheet Formats (new standard)

Defines data formats to facilitate communications between Radio Frequency IDentification (RFID) systems and smart RFID tags with integral transducers (sensors and actuators). The standard defines new Transducer Electronic Data Sheet (TEDS) formats based on the IEEE 1451 family of standards. This standard also defines a command structure and specifies the communication methods with which the command structure is designed to be compatible.

Single copy price: $115.00 (IEEE Members); $145.00 (Nonmembers)

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Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

BSR/IEEE 1521-201x, Standard for Measurement of Video Jitter and Wander (new standard)

Allows the creation of instrumentation technology for consistent measurements of video-related time-interval errors (TIEs).

Single copy price: $63.00 (IEEE Members); $79.00 (Nonmembers)

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Send comments (with copy to BSR) to: Moira Patterson, (732) 562-3809, m.patterson@ieee.org

Revisions

BSR/IEEE 269-201x, Standard Methods for Measuring Transmission Performance of Analog and Digital Telephone Sets, Handsets, and Headsets (revision of ANSI/IEEE 269-2002, ANSI/IEEE 269a-2007)

Provides practical methods for making laboratory measurements of electroacoustic characteristics of analog and digital telephones, handsets, and headsets. The methods may also be applicable to a wide variety of other communications equipment, including cordless, wireless and mobile communications devices. Measurement results may be used to evaluate these devices on a standardized basis. Application is in the frequency range from 100 to 8,500 Hz.

Single copy price: N/A

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BSR/IEEE 1516.1-201x, Standard for Modeling and Simulation (M&S) High Level Architecture (HLA) - Federate Interface Specification (revision of ANSI/IEEE 1516.1-2000)

Defines the interface between federates (simulations, supporting utilities, or interfaces to live systems) and the underlying software services that support interfederate communication in a distributed simulation domain.

Single copy price: $165.00 (IEEE Members); $205.00 (Nonmembers)

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BSR/IEEE 1516.2-201x, Standard for Modeling and Simulation (M&S) High Level Architecture (HLA) - Object Model Template (OMT) Specification (revision of ANSI/IEEE 1516.2-2000)

Defines the format and syntax for recording information in High-Level Architecture (HLA) object models, to include objects, attributes, interactions, and parameters. This standard does not define the specific data (e.g., vehicles, unit types) that will appear in the object models.

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BSR/IEEE 1516-201x, Standard for Modeling and Simulation (M&S) High Level Architecture (HLA) - Framework and Rules (revision of ANSI/IEEE 1516-2000)

Provides an overview of the High-Level Architecture (HLA), defines a family of related HLA documents, and defines the principles of HLA in terms of responsibilities that federates (simulations, supporting utilities, or interfaces to live systems) and federations (sets of federates working together) must uphold.

Single copy price: $100.00 (IEEE Members); $120.00 (Nonmembers)

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BSR/IEEE 1850-201x, Standard for Property Specification Language (PSL) (revision of ANSI/IEEE 1850-2005)

Defines the property specification language (PSL), which formally describes electronic system behavior. This standard specifies the syntax and semantics for PSL and also clarifies how PSL interfaces with various standard electronic-system design languages.

Single copy price: $240.00 (IEEE Members); $300.00 (Nonmembers)

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Supplements

BSR/IEEE 802.1Qau-201x, Standard for Local and Metropolitan Area Networks - Virtual Bridged Local Area Networks - Amendment: Congestion Notification (supplement to ANSI/IEEE 802.1Q-2006)

Specifies protocols, procedures, and managed objects that support congestion management of long-lived data flows within network domains of limited bandwidth-delay product. This is achieved by enabling bridges to signal congestion to end stations capable of transmission rate limiting to avoid frame loss.

Single copy price: $115.00 (IEEE Members); $145.00 (Nonmembers)

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BSR/IEEE 802.17c-201x, Information Technology - Telecommunications and Information Exchange Between Systems - LAN/MAN - Specific Requirements - Part 17: Resilient Packet Ring (RPR) Access Method and Physical Layer Specifications - Amendment 2: Protected Inter-Ring Connection (supplement to ANSI/IEEE 802.17-2004)

Enables a service provider to use the architecture and protocols of IEEE Std 802.17TM to support ring interconnection through dual-station homing, providing 50-ms protection, loop preventation, and load balancing of traffic between rings.

Single copy price: $120.00 (IEEE Members); $150.00 (Nonmembers)

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BSR/IEEE 1616a-201x, Standard for Motor Vehicle Event Data Recorders (MVEDRs) - Amendment 1: Motor Vehicle Event Data (supplement to ANSI/IEEE 1616-2004)

Adds information pertaining to Motor Vehicle Event Data Recorder Connector Lockout Apparatus (MVEDRCLA).

Single copy price: $55.00 (IEEE Members); $70.00 (Nonmembers)

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Reaffirmations

BSR/IEEE 259-1999 (R201x), Standard Test Procedure for Evaluation of Systems of Insulation for Dry-Type Specialty and General-Purpose (reaffirmation of ANSI/IEEE 259-1999 (R2004))

Establishes a uniform method by which the thermal endurance of electrical insulation systems for dry-type specialty and general-purpose transformers can be compared. These insulation systems are intended for use in the types of transformers described in NEMA ST 1-1988 and NEMA ST 20-1992. In general, these dry-type transformers are used with the primary windings connected to secondary distribution circuits of 600 V nominal and below.

Single copy price: $68.00 (IEEE Members); $85.00 (Nonmembers)

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BSR/IEEE 260.1-2004 (R201x), Standard Letter Symbols for Units of Measurement (SI Units, Customary Inch-Pound Units, and Certain Other Units) (reaffirmation of ANSI/IEEE 260.1-2004)

Covers letter symbols for units of measurement. This standard does not include abbreviations for technical terms, nor does it cover symbols for physical quantities.

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BSR/IEEE 352-1994 (R201x), Guide for General Principles of Reliability Analysis of Nuclear Power Generating Station Safety Systems (reaffirmation of ANSI/IEEE 352-1994 (R2004))

Provides the designers and operators of nuclear power plant safety systems and the concerned regulatory groups with the essential methods and procedures of reliability engineering that are applicable to such systems. By applying the principles given, systems may be analyzed, results may be compared with reliability objectives, and the basis for decisions may be suitably documented.

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BSR/IEEE 802.16.2-2004 (R201x), Recommended Practice for Local and Metropolitan Area Networks - Coexistence of Fixed Broadband Wireless Access Systems (reaffirmation of ANSI/IEEE 802.16.2-2004)

Specifies extensions and modifications addressing two distinct topics. The first is coexistence between multipoint (MP) systems and PTP systems in the 10 - 66 GHz frequency range. The second is coexistence among FBWA systems operating in licensed bands within the 2 - 11 GHz frequency range. Updates to the existing content are also considered.

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BSR/IEEE 1228-1994 (R201x), Standard for Software Safety Plans (reaffirmation of ANSI/IEEE 1228-1994 (R2002))

Applies to the Plan used for the development, procurement, maintenance, and retirement of safety-critical software; for example, software products whose failure could cause loss of life, serious harm, or have widespread negative social impact. This standard requires that the Plan be prepared within the context of the system safety program. The scope of this standard includes only the safety aspects of the software.

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BSR/IEEE 1431-2004 (R201x), Standard Specification Format Guide and Test Procedure for Coriolis Vibratory Gyros (reaffirmation of ANSI/IEEE 1431-2004)

Defines the specification and test requirements for a single-axis Coriolis vibratory gyro (CVG) for use as a sensor in attitude control systems, angular displacement measuring systems, and angular rate measuring systems. A standard specification format guide for the preparation of a single-axis CVG is provided. A compilation of recommended procedures for testing a CVG, derived from those presently used in the industry, is also provided.

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BSR/IEEE 1431-2004/Cor 1-2008 (R201x), Standard Specification Format Guide and Test Procedure for Coriolis Vibratory Gyros (reaffirmation of ANSI/IEEE 1431-2004/Cor 1-2008)

Corrects the labeling on a few figures.

Single copy price: $included with main document

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BSR/IEEE 1568-2003 (R201x), Recommended Practice for Electrical Sizing of Nickel-Cadmium Batteries for Rail Passenger Vehicles (reaffirmation of ANSI/IEEE 1568-2003)

Prescribes a method for electrical sizing of nickel-cadmium batteries for use on passenger rail cars used for battery back up of low-voltage dc auxiliary-power systems. This standard encompasses all factors that influence the electrical battery capacity requirements including loads, temperature, cycling, charging, and discharging profiles.

Single copy price: $57.00 (IEEE Members); $74.00 (Nonmembers)

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BSR/IEEE 1616-2004 (R201x), Standard for Motor Vehicle Event Data Recorder (MVEDR) (reaffirmation of ANSI/IEEE 1616-2004)

Defines a protocol for the output data compatibility of Motor Vehicle Event Data Recorders (MVEDR) and export protocols of MVEDR data elements. This standard does not prescribe which specific data elements shall be recorded, but instead provides a data dictionary of data attributes. MVEDRs collect, record, store, and export data related to motor-vehicle predefined events.

Single copy price: Free

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BSR/IEEE 11073-30300-2004 (R201x), Standard for Health Informatics - Point-of-Care Medical Device Communication - Part 30300: Transport Profile - Infrared Wireless (reaffirmation and redesignation of ANSI/IEEE 1073.3.3-2004)

Define an IrDA-based transport profile for medical device communication that uses short-range infrared, as a companion standard to ISO/IEEE 11073-30200, which specifies a cableconnected physical layer. This standard also supports use cases consistent with industry practice for handheld personal digital assistants (PDAs) and network APs that support IrDA-infrared communication.

Single copy price: $210.00 (IEEE Members); $261.00 (Nonmembers)

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BSR/IEEE C37.90.2-2004 (R201x), Standard for Withstand Capability of Relay Systems to Radiated Electromagnetic Interference from Transceivers (reaffirmation of ANSI/IEEE C37.90.2-2004)

Defines a required withstand level and establishes a test method to evaluate the susceptibility of protective relays to single-frequency electromagnetic fields in the radio frequency domain, such as those generated by portable or mobile radio transceivers and wireless communication devices. This publication includes test requirements, signal levels, and setups.

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BSR/IEEE C57.144-2004 (R201x), Guide for Metric Conversion of Transformer Standards (reaffirmation of ANSI/IEEE C57.144-2004)

Provides a consistent and accurate method of converting dimensions and quantities in transformer standards to SI units.

Single copy price: $63.00 (IEEE Members); $79.00 (Nonmembers)

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BSR/IEEE C62.37-1996 (R201x), Standard Test Specification for Thyristor Diode Surge Protective Devices (reaffirmation of ANSI/IEEE C62.37-1996 (R2002))

Applies to two- or three-terminal, four- or five-layer, thyristor surge protection devices (SPDs) for application on systems with voltages equal to or less than 1000 V rms or 1200 V dc. These protective devices are designed to limit voltage surges on communication circuits and on power circuits operating from direct current (dc) to 420 Hz. The thyristor SPD can be manufactured with unidirectional or bidirectional, symmetrical, or asymmetrical V-I characteristics.

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Stabilized Maintenance: See 3.3.3 of the ANSI Essential Requirements

BSR/IEEE 1320.1-2004 (S201x), Standard for Zinc-Coated Ferrous Insulator Clevises for Overhead Line Construction (stabilized maintenance of ANSI/IEEE 1320.1-2004)

Prescribes the construction and components of an IDEF0 model and defines the correct syntax and semantics for the construction of an IDEF0 diagram within an IDEF0 model.

Single copy price: $91.00 (IEEE Members); $113.00 (Nonmembers)

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BSR/IEEE 1320.2-2004 (S201x), Standard for Conceptual Modeling Language - Syntax and Semantics for IDEF1X97 (IDEFobject) (stabilized maintenance of ANSI/IEEE 1320.2-2004)

Defines the semantics and syntax of IDEF1X by defining the valid constructs of the language and by specifying how they can be combined to form a valid model.

Single copy price: $127.00 (IEEE Members); $159.00 (Nonmembers)

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UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 710B-201x, Standard for Recirculating Systems (revision of ANSI/UL 710B-2009)

Proposed Second Edition of UL 710B was extensively reorganized and revised such as:
(a) Increased correlation with UL 197;
(b) Expanded Capture Tests;
(c) Emission Test clarification;
(d) Expanded Fire Extinguishment Test Agreement with UL 300;
(e) Added Fire Damper Connstruction Requirements;
(f) Added a Glossary; and
(g) Added some new markings.

Single copy price: Contact comm2000 for pricing and delivery options

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Projects Withdrawn from Consideration

An accredited standards developer may abandon the processing of a proposed new or revised American National Standard or portion thereof if it has followed its accredited procedures. The following projects have been withdrawn accordingly:

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

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

BSR/UL 924-201x, Standard for Safety for Emergency Lighting and Power Equipment (Proposal dated 4-23-10) (revision of ANSI/UL 924-2009A)

Covers:
(1) Automatic load control relay definition;
(2) Sheet metal enclosures;
(3) Nonmetallic enclosures;
(4) Polymeric materials and barriers;
(5) Attachment plugs;
(6) Separation of emergency from normal power circuits;
(7) Conductor secureness;
(8) Grounding for parts accessible only during service;
(9) Backfeed protection;
(10) Self-testing/self-diagnostic equipment and derangement signals;
(11) Self-testing discharge limits;
(12) Spacings in accordance with UL 840;
(13) Adhesive securement of directional indicators;
(14) Installation instructions for transparent background exit signs;
(15) Elimination of solid-state switch inverter test;
(16) Dielectric withstand test method;
(17) Markings;
(18) Field-installed inverter/charger packs;
(19) Screw shell lampholders for damp or wet locations;
(20) Conduit fittings for wet location equipment;
(21) Minimum light output; and
(22) Miscellaneous corrections and editorial items.

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Send comments (with a copy to BSR) to: Barbara Davis, (408) 754-6722, Barbara.J.Davis@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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AITC (Organization)
American Institute of Timber Construction

7021 S. Revere Parkway, Suite 140
Englewood, CO 80112
Phone: (303) 792-9559
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ATIS
Alliance for Telecommunications Industry Solutions

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Fax: (202) 347-7125
Web: www.atis.org

AWS
American Welding Society

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AWWA
American Water Works Association

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Web: www.awwa.org/asp/default.asp

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Fax: (602) 381-1093
Web: www.hibcc.org

IEEE
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Web: www.ieee.org

MHI
Material Handling Industry

8720 Red Oak Blvd., Suite 201
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Web: www.mhia.org

NBBPVI
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Web: www.nationalboard.org

NEMA (Canvass)
National Electrical Manufacturers Association

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Web: www.nema.org

NSF
NSF International

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Web: www.nsf.org

WMMA (ASC O1)
ASC O1

100 North 20th Street, 4th Floor
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Fax: (215) 963-9785
Web: www.wmma.org/public/index.html

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Web: www.aami.org

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American Gas Association

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Web: www.aga.org/

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ATIS
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AWS
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AWWA
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Web: www.awwa.org/asp/default.asp

HIBCC
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Web: www.ieee.org

ITI (INCITS)
InterNational Committee for Information Technology Standards

1101 K Street NW, Suite 610
Washington, DC 20005-3922
Phone: (202) 626-5746
Fax: (202) 638-4922
Web: www.incits.org

MHI
Material Handling Industry

8720 Red Oak Blvd., Suite 201
Charlotte, NC 28217-3992
Phone: (704) 676-1190
Fax: (704) 676-1199
Web: www.mhia.org

NBBPVI
National Board of Boiler and Pressure Vessel Inspectors

1055 Crupper Avenue
Columbus, OH 43229-1183
Phone: (614) 888-8320
Fax: (614) 847-1828
Web: www.nationalboard.org

NEMA (Canvass)
National Electrical Manufacturers Association

1300 North 17th Street
Suite 1752
Rosslyn, VA 22209
Phone: (703) 841-3236
Fax: (703) 841-3336
Web: www.nema.org

NSF
NSF International

789 N. Dixboro Road
Ann Arbor, MI 48105
Phone: (734) 769-5159
Fax: (734) 827-6176
Web: www.nsf.org

SCTE
Society of Cable Telecommunications Engineers

140 Philips Road
Exton, PA 19341-1318
Phone: (610) 594-7316
Fax: (610) 363-5898
Web: www.scte.org

UL
Underwriters Laboratories, Inc.

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

WMMA (ASC O1)
ASC O1

100 North 20th Street, 4th Floor
Philadelphia, PA 19103-1443
Phone: (215) 564-3484, x2238
Fax: (215) 963-9785
Web: www.wmma.org/public/index.html

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.
Suite 220
Arlington, VA 22201-4795

Contact: *Cliff Bernier*

Phone: (703) 525-4890, x229

Fax: (703) 276-0793

E-mail: CBernier@aami.org

BSR/AAMI/ISO 5840-3-201x, Cardiovascular implants - Cardiac valve prostheses - Part 3: Heart valve substitutes implanted by minimally invasive techniques (identical national adoption of ISO 5840-3)

BSR/AAMI/ISO 25539-3-201x, Cardiovascular implants - Endovascular devices - Part 3: Vena cava filters (identical national adoption of ISO 25539-3)

BIFMA (Business and Institutional Furniture Manufacturers Association)

Office: 678 Front Ave. NW
Grand Rapids, MI 49504

Contact: *David Panning*

Phone: 616-285-3963

Fax: 616-285-3765

E-mail: dpanning@bifma.org

BSR/BIFMA X5.4-201x, Lounge Seating - Tests (revision of ANSI/BIFMA X5.4-2005)

NEMA (National Electrical Manufacturers Association)

Office: 1300 North 17th Street, Suite 1752
Rosslyn, VA 22209

Contact: *Michael Leibowitz*

Phone: (703) 841-3264

Fax: (703) 841-3364

E-mail: mik_leibowitz@nema.org

BSR/NEMA MW 1000-2008 Rev. 2-201x, Magnet Wire (revision of ANSI/NEMA MW 1000-2008)

BSR/NEMA VE1-201x, Metal Cable Tray Systems (new standard)

TIA (Telecommunications Industry Association)

Office: 2500 Wilson Blvd., Suite 300
Arlington, VA 22201

Contact: *Teesha Jenkins*

Phone: (703) 907-7706

Fax: (703) 907-7727

E-mail: tjenkins@tiaonline.org

BSR/TIA 41.000-E-7-201x, Mobile Application Part (MAP): Introduction to MAP (revision of ANSI/TIA 41.000-E-2004)

BSR/TIA 1179-201x, Healthcare Facility Telecommunications Infrastructure Standard (new standard)

UL (Underwriters Laboratories, Inc.)

Office: 455 E. Trimble Rd.
San Jose, CA 95131-1230

Contact: *Marcia Kawate*

Phone: (408) 754-6743

Fax: (408) 689-6743

E-mail: Marcia.M.Kawate@us.ul.com

BSR/UL 25-201x, Standard for Safety for Meters for Flammable and Combustible Liquids and LP-Gas (Proposals dated 4/23/10) (revision of ANSI/UL 25-2005)

BSR/UL 842-201x, Standard for Safety for Valves for Flammable Fluids (Proposals dated 4/23/10) (revision of ANSI/UL 842-1999 (R2007))

Call for Members (ANS Consensus Bodies)

BSR/ANSI/AWWA/15.481 Reclaimed Water Standards Committee is seeking User and Producer volunteers with reclaimed water knowledge.
This Committee is currently working on a new standard that will define best practices for reclaimed water programs.

BSR/ANSI/AWWA/15.480 *Water Conservation Practices* Standa*rds Committee* is seeking volunteers in the Producer and User classifications with water and wastewater knowledge.
This Committee is currently working on a new standard that will define best practices for water and wastewater utility conservation programs.

BSR/ANSI/AWWA/15.478 Utility Management *Standards Committee* is seeking volunteers in the General Interest and User classification with water and/or wastewater knowledge.
This Committee is responsible for the Utility Management System Standard that define the minimum requirements for establishing a water or a wastewater utility management system that promotes continuous improvement.

AWWA (American Water Works Association)
Office: 6666 West Quincy Avenue
Denver, CO 80235-3098
Contact: Dawn Flancher
Phone: (303) 347-6195
Fax: (303) 795-1440
E-Mail: dflancher@awwa.org

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.

API (American Petroleum Institute)

New Standards

ANSI/API Standard RP 754-2010, Process Safety Performance Indicators for the Refining and Petrochemical Industries (new standard): 4/12/2010

ANSI/API Standard RP 755-2010, Fatigue Risk Management Systems for Personnel in the Refining and Petrochemical Industries (new standard): 4/12/2010

ASME (American Society of Mechanical Engineers)

Revisions

ANSI/ASME A112.19.17-2010, Manufactured Safety Vacuum Release Systems (SVRS) for Residential and Commercial Swimming Pool, Spa, Hot Tub and Wading Pool Suction Systems (revision of ANSI/ASME A112.19.17-2002): 4/13/2010

ASTM (ASTM International)

New Standards

ANSI/ASTM F2764-2010, New Specification for 30- to 60-inch Polypropylene (PP) Triple Wall Pipe and Fittings for Gravity Flow Sanitary Sewer Applications (new standard): 4/15/2010

Reaffirmations

ANSI/ASTM E1239-2005 (R2010), Practice for Description of Reservation/Registration-Admission, Discharge, Transfer (R-ADT) Systems for Electronic Health Record (EHR) Systems (reaffirmation of ANSI/ASTM E1239-2005): 3/23/2010

ANSI/ASTM E1340-2005 (R2010), Guide for Rapid Prototyping of Information Systems (reaffirmation of ANSI/ASTM E1340-2005): 3/23/2010

ANSI/ASTM E1744-2005 (R2010), Practice for View of Emergency Medical Care in the Electronic Health Record (reaffirmation of ANSI/ASTM E1744-2005): 3/23/2010

ANSI/ASTM E1869-2005 (R2010), Guide for Confidentiality, Privacy, Access, and Data Security Principles for Health Information Including Electronic Health Records (reaffirmation of ANSI/ASTM E1869-2005): 3/23/2010

ANSI/ASTM E2017-1999 (R2010), Guide for Amendments to Health Information (reaffirmation of ANSI/ASTM E2017-1999 (R2005)): 3/23/2010

ANSI/ASTM E2211-2002 (R2010), Specification for Relationship Between a Person (Consumer) and a Supplier of an Electronic Personal (Consumer) Health Record (reaffirmation of ANSI/ASTM E2211-2002): 3/23/2010

ANSI/ASTM E2212-2002 (R2010), Practice for Healthcare Certificate Policy (reaffirmation of ANSI/ASTM E2212-2002): 3/23/2010

ANSI/ASTM E2364-2004 (R2010), Guide to Speech Recognition Technology Products in Health Care (reaffirmation of ANSI/ASTM E2364-2004): 3/23/2010

ANSI/ASTM F822-1993 (R2010), Specification for Chest of Drawers Chiffonier, Steel, Marine (reaffirmation of ANSI/ASTM F822-1993 (R2004)): 3/23/2010

ANSI/ASTM F823-1993 (R2010), Specification for Desk, Log, Marine, Steel, with Cabinet (reaffirmation of ANSI/ASTM F823-1993 (R2004)): 3/23/2010

ANSI/ASTM F824-1993 (R2010), Specification for Tables, Mess, Marine, Steel (reaffirmation of ANSI/ASTM F824-1993 (R2004)): 3/23/2010

ANSI/ASTM F825-1993 (R2010), Specification for Drawers, Furniture, Marine, Steel (reaffirmation of ANSI/ASTM F825-1993 (R2004)): 3/23/2010

ANSI/ASTM F826-1994 (R2010), Specification for Tops, Furniture, Marine, Steel (reaffirmation of ANSI/ASTM F826-1994 (R2004)): 3/23/2010

ANSI/ASTM F1076-1997 (R2010), Practice for Expanded Welded and Silver Brazed Socket Joints for Pipe and Tube (reaffirmation of ANSI/ASTM F1076-1997 (R2004)): 3/23/2010

ANSI/ASTM F1098-87 (R2010), Specification for Envelope Dimensions for Butterfly Valves - NPS 2 to 24 (reaffirmation of ANSI/ASTM F1098-87 (R2004)): 3/23/2010

ANSI/ASTM F1121-87 (R2010), Specification for International Shore Connections for Marine Fire Applications (reaffirmation of ANSI/ASTM F1121-87 (R2004)): 3/23/2010

ANSI/ASTM F1122-2004 (R2010), Specification for Quick Disconnect Couplings (6 in. NPS and Smaller) (reaffirmation of ANSI/ASTM F1122-2004): 3/23/2010

ANSI/ASTM F1123-87 (R2010), Specification for Non-Metallic Expansion Joints (reaffirmation of ANSI/ASTM F1123-87 (R2004)): 3/23/2010

ANSI/ASTM F1139-88 (R2010), Specification for Steam Traps and Drains (reaffirmation of ANSI/ASTM F1139-88 (R2004)): 3/23/2010

ANSI/ASTM F1172-88 (R2010), Specification for Fuel Oil Meters of the Volumetric Positive Displacement Type (reaffirmation of ANSI/ASTM F1172-88 (R2004)): 3/23/2010

ANSI/ASTM F1199-88 (R2010), Specification for Cast (All Temperatures and Pressures) and Welded Pipe Line Strainers (150 psig and 150°F Maximum) (reaffirmation of ANSI/ASTM F1199-88 (R2004)): 3/23/2010

ANSI/ASTM F1200-88 (R2010), Specification for Fabricated (Welded) Pipe Line Strainers (Above 150 psig and 150°F) (reaffirmation of ANSI/ASTM F1200-88 (R2004)): 3/23/2010

ANSI/ASTM F1786-1997 (R2010), Test Method for Performance of Braising Pans (reaffirmation of ANSI/ASTM F1786-1997 (R2004)): 3/23/2010

ANSI/ASTM F2143-2004 (R2010), Test Method for Performance of Refrigerated Buffet and Preparation Tables (reaffirmation of ANSI/ASTM F2143-2004): 3/23/2010

ANSI/ASTM F2379-2004 (R2010), Test Method for Energy Performance of Powered Open Warewashing Sinks (reaffirmation of ANSI/ASTM F2379-2004): 3/23/2010

ANSI/ASTM F2380-2004 (R2010), Test Method for Performance of Conveyor Toasters (reaffirmation of ANSI/ASTM F2380-2004): 3/23/2010

ANSI/ASTM F2472-2005 (R2010), Test Method for Performance of Staff-Serve Hot Deli Cases (reaffirmation of ANSI/ASTM F2472-2005): 3/23/2010

Revisions

ANSI/ASTM D3299-2010, Specification for Filament-Wound Glass-Fiber-Reinforced Thermoset Resin Corrosion-Resistant Tanks (revision of ANSI/ASTM D3299-2008): 4/1/2010

ANSI/ASTM E2072-2010, Specification for Photoluminescent (Phosphorescent) Safety Markings (revision of ANSI/ASTM E2072-2009a): 3/23/2010

ANSI/ASTM E2073-2010, Test Method for Photopic Luminance of Photoluminescent (Phosphorescent) Markings (revision of ANSI/ASTM E2073-2009a): 3/23/2010

ANSI/ASTM F355-2010, Test Method for Shock-Absorbing Properties of Playing Surface Systems and Materials (revision of ANSI/ASTM F355-2009): 4/15/2010

ANSI/ASTM F919-2010, Specification for Slicing Machines, Food, Electric (revision of ANSI/ASTM F919-2005): 3/23/2010

ANSI/ASTM F998-2010, Specification for Centrifugal Pump, Shipboard Use (revision of ANSI/ASTM F998-2004): 3/23/2010

ANSI/ASTM F1337-2010, Practice for Human Engineering Program Requirements for Ships and Marine Systems, Equipment, and Facilities (revision of ANSI/ASTM F1337-1991 (R2006)): 3/23/2010

ATIS (Alliance for Telecommunications Industry Solutions)

Reaffirmations

ANSI ATIS 0600403.01-1999 (R2010), Network and Customer Installation Interfaces - Integrated Services Digital Network (ISDN) Primary Rate Layer 1 Electrical Interface Specification (reaffirmation of ANSI ATIS 0600403.01-1999 (R2005)): 4/19/2010

ANSI ATIS 0600403.02-1999 (R2010), Network and Customer Installation Interfaces - DS1 - Robbed-Bit Signaling State Definitions (reaffirmation of ANSI ATIS 0600403.02-1999 (R2005)): 4/19/2010

ANSI ATIS 0600403.02.a-2001 (R2010), Network and Customer Installation Interfaces - DS1 Robbed-Bit Signaling State Definitions (reaffirmation of ANSI ATIS 0600403.02.a-2001 (R2005)): 4/19/2010

ANSI ATIS 0600416.01-1999 (R2010), Network to Customer Installation Interfaces - Synchronous Optical NETwork (SONET) Physical Media Dependent Specification: Multi-Mode Fiber (reaffirmation of ANSI ATIS 0600416.01-1999 (R2005)): 4/19/2010

ANSI ATIS 0600416.02-1999 (R2010), Network to Customer Installation Interfaces - Synchronous Optical NETwork (SONET) Physical Media Dependent Specification: Single-Mode Fiber (reaffirmation of ANSI ATIS 0600416.02-1999 (R2005)): 4/19/2010

ANSI ATIS 0600416.02a-2001 (R2010), Network to Customer Installation Interfaces - Synchronous Optical NETwork (SONET) Physical Media Dependent Specification: Single Mode Fiber (reaffirmation of ANSI ATIS 0600416.02a-2001 (R2005)): 4/19/2010

ANSI ATIS 0600416-1999 (R2010), Network to Customer Installation Interfaces - Synchronous Optical NETwork (SONET) Physical Layer Specification: Common Criteria (reaffirmation of ANSI ATIS 0600416-1999 (R2005)): 4/19/2010

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

Reaffirmations

ANSI INCITS 218-2000 (R2010), Information technology - High-Performance Parallel Interface - Encapsulation of ISO 8802-2 (IEEE Std 802.2) Logical Link Control Protocol Data Units (HIPPI-LE) (reaffirmation of ANSI INCITS 218-2000 (R2005)): 4/13/2010

ANSI INCITS 337-2000 (R2010), Information technology - High-Performance Parallel Interface - Scheduled Transfers (HIPPI-ST) (reaffirmation of ANSI INCITS 337-2000 (R2005)): 4/13/2010

UL (Underwriters Laboratories, Inc.)

Reaffirmations

ANSI/UL 768-2010, Standard for Safety for Combination Locks (Proposal dated 2/19/10) (reaffirmation of ANSI/UL 768-2006): 4/15/2010

Revisions

ANSI/UL 514A-2010, Standard for Safety for Metallic Outlet Boxes (revision of ANSI/UL 514A-2007 (R2009)): 4/15/2010

ANSI/UL 797A-2010, Standard for Safety for Electrical Metallic Tubing - Aluminum (Proposal dated 11-27-09) (revision of ANSI/UL 797A-2007): 4/15/2010

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.

AAMI (Association for the Advancement of Medical Instrumentation)

Office: 1110 N. Glebe Road
Suite 220
Arlington, VA 22201-4795

Contact: *Cliff Bernier*

Fax: (703) 276-0793

E-mail: CBernier@aami.org

BSR/AAMI/ISO 5840-3-201x, Cardiovascular implants - Cardiac valve prostheses - Part 3: Heart valve substitutes implanted by minimally invasive techniques (identical national adoption of ISO 5840-3)

Stakeholders: Cardiac valve manufacturers and users.

Project Need: To cover emerging technologies for heart valve substitutes which are implanted using minimally invasive/non-surgical techniques.

Applies to all devices intended for implantation in human hearts as a minimally invasive implanted heart valve substitute. This standard is applicable to both newly developed and modified minimally invasive implanted heart valve substitutes and to the accessory devices, packaging and labeling required for their implantation and for determining the appropriate size of heart valve substitute to be implanted.

ABMA (ASC B3) (American Bearing Manufacturers Association)

Office: 2025 M Street, NW
Suite 800
Washington, DC 20036-3309

Contact: *James Converse*

Fax: (919) 827-4587

E-mail: jconverse@americanbearings.org

BSR ABMA/ISO 15243-201x, Rolling bearings - Damage and failures - Terms, characteristics and causes (identical national adoption of ISO 15243:2004)

Stakeholders: The U.S. bearing community - users, manufacturers, general interest.

Project Need: To cover an area that is not currently covered by an American standard.

Defines, describes, and classifies the characteristics, changes in appearance, and possible causes of failure of rolling bearings, occurring in service. This standard will assist in the understanding of the various forms of change in appearance and the failure that has occurred.

ACCA (Air Conditioning Contractors of America)

Office: 2800 Shirlington Road Suite 300
Arlington, VA 22206

Contact: *Dick Shaw*

Fax: (231) 854-1488

E-mail: dick.shaw@acca.org; standards-sec@acca.org

BSR/ACCA 5 QI-201x, HVAC Quality Installation Specification (revision of ANSI/ACCA 5 QI-2007)

Stakeholders: HVAC contractors, their support staff and technicians, residential and commercial building owners/operators.

Project Need: To revise the 2007 standard that established minimum criteria to assist contractors in installing HVAC systems that meet customer demands for energy efficient, comfort and IAQ in residential and commercial buildings.

Establishes minimum attributes and specification elements on:
(1) Quality Contractors that include: business prerequisites, contract or business practices, adequate sales and technician support and achieving customer satisfaction; and
(2) Quality Installation that includes: design and equipment selection aspects, equipment installation aspects, distribution aspects and system documentation/owner education.
These elements identify practices that lead to a quality HVAC installation in residential and commercial buildings.

API (American Petroleum Institute)

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

Contact: *Roland Goodman*

Fax: (202) 962-4797

E-mail: goodmanr@api.org

BSR/API Technical Report 16TR1-201x, Deepwater Drilling Riser Methodologies, Operations, and Integrity - Technical Report (identical national adoption of ISO TR 13624-2)

Stakeholders: Petroleum exploration and production companies and equipment manufacturers.

Project Need: To provide guidance on various analysis methodologies and operating practices for drilling risers.

Pertains to mobile offshore drilling units that employ a subsea BOP stack deployed at the seafloor. It is intended that the drilling riser analysis methodologies discussed in this report be used and interpreted in the context of ISO 13624-1.

API (American Petroleum Institute)

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

Contact: *Tiffany Mensing*

Fax: (202) 962-4797

E-mail: mensingt@api.org

BSR/API Standard 619-201x, Rotary-Type Positive Displacement Compressors for Petroleum, Petrochemical and Natural Gas Industries (identical national adoption and revision of ANSI/API 619-2004)

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

Project Need: To revise the current edition of ANSI/API 619, Fourth Edition, 2004.

Covers the minimum requirements for dry and oil-flooded helical-lobe rotary compressors used for vacuum or pressure or both in petroleum, chemical, and gas industry services. This standard is primarily intended for compressors that are in special-purpose applications and is not applicable to general-purpose air compressors, liquid-ring compressors, or vane-type compressors.

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

Contact: *Isabel Bailey*

Fax: (410) 267-0961

E-mail: isabel.baileyx9@verizon.net

BSR X9.100-183-201x, Specifications for Electronic Check Adjustments (revision of ANSI X9.100-183-2009)

Stakeholders: Financial services industry.

Project Need: To provide a format to perform the electronic exchange of check adjustments for the financial services industry.

Establishes the file sequences, record types, and field formats to be used for the electronic exchange of check adjustment messages. The standard format supports check-related adjustment notices and requests for individual checks, bundles of checks, check cash letters and attachment of images.

ASME (American Society of Mechanical Engineers)

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

Contact: *Mayra Santiago*

Fax: (212) 591-8501

E-mail: ansibox@asme.org

BSR/ASME B5.60-201x, Workholding Chucks: Jaw Type Chucks (revision of ANSI/ASME B5.60-2002)

Stakeholders: Manufacturers and users of workholding chucks.

Project Need: The original standard provided for expansion to include Chapter 2 on Chuck-to-Spindle Interface and Chapter 6 on Chuck Assembly: Sizes and Designation.

Establishes technical requirements for workholding chucks used primarily in turning operations. This standard covers jaw-type chucks, whether manual or power operated.

ATIS (ASC O5) (Alliance for Telecommunications Industry Solutions)

Office: 1200 G Street, NW
Suite 500
Washington, DC 20005

Contact: *Kerrianne Conn*

Fax: (202) 347-7125

E-mail: kconn@atis.org

BSR O5.6.201x-201x, Solid Sawn-Naturally Durable Hardwood Crossarms & Braces - Specifications & Dimensions (new standard)

Stakeholders: Communications and public utilities industries.

Project Need: To cover solid sawn - naturally durable hardwood crossarms and braces.

Consists of specifications covering solid sawn - naturally durable hardwood crossarms and braces.

AWS (American Welding Society)

Office: 550 N.W. LeJeune Road
Miami, FL 33126

Contact: *Rosalinda O'Neill*

Fax: (305) 443-5951

E-mail: roneill@aws.org

BSR/AWS B5.4-201x, Specification for the Qualification of Welder Test Facilities (revision of ANSI/AWS B5.4-2005)

Stakeholders: Welder test facilities, metal fabricators, erectors, structural contractors.

Project Need: To revise the current standard to incorporate a shift in welding procedure requirements for welder tests.

Defines the requirements to qualify welder test facilities. This standard details the methods of qualification, test facility requirements, and assessment requirements. A mandatory annex is included on the qualification of assessors.

AWWA (American Water Works Association)

Office: 6666 West Quincy Avenue
Denver, CO 80235

Contact: *Paul Olson*

Fax: (303) 795-7603

E-mail: polson@awwa.org

BSR/AWWA B202-201x, Quicklime and Hydrated Lime (revision of ANSI/AWWA B202-2008)

Stakeholders: Drinking water treatment and supply industry, water utilities, consulting engineers.

Project Need: To provide the minimum requirements for quicklime and hydrated lime, including physical, chemical, packaging, shipping, and testing requirements.

Describes pebble, lump, and ground quicklime and hydrated lime for use in water supply service.

BSR/AWWA B306-201x, Aqua Ammonia (Liquid Ammonium Hydroxide) (revision of ANSI/AWWA B306-2007)

Stakeholders: Drinking water treatment and supply industry, water utilities, consulting engineers.

Project Need: To provide the minimum requirements for aqua ammonia, including physical, chemical, packaging, shipping, and testing requirements.

Describes aqua ammonia (liquid ammonium hydroxide) for use in the treatment of municipal and industrial water supplies.

BSR/AWWA C6AA-201x, Cured-In-Place Pipe (CIPP) (new standard)

Stakeholders: Drinking water treatment and supply industry, water utilities, consulting engineers.

Project Need: To provide guidance to end users, manufacturers, and installers, as well as to protect utility customers.

Describes the minimum requirements for cured-in-place-pipe rehabilitation method for a variety of pipe sizes, including material, application, inspection, testing, shipping, and delivery.

BSR/AWWA C6BB-201x, Pipe Bursting (new standard)

Stakeholders: Drinking water treatment and supply industry, water utilities, consulting engineers.

Project Need: To provide guidance to end users, manufacturers, and installers, as well as to protect utility customers.

Describes the minimum requirements for the pipe-bursting rehabilitation method for a variety of pipe sizes, including material, application, inspection, testing, shipping, and delivery.

BSR/AWWA C6CC-201x, Sliplining (new standard)

Stakeholders: Drinking water treatment and supply industry, water utilities, consulting engineers.

Project Need: To provide guidance to end users, manufacturers, and installers, as well as to protect utility customers.

Describes the minimum requirements for the sliplining rehabilitation method for a variety of pipe sizes, including material, application, inspection, testing, shipping, and delivery.

BSR/AWWA C67X-201x, Online Turbidity Analyzer Operation and Maintenance (new standard)

Stakeholders: Drinking water treatment and supply industry, water utilities, consulting engineers.

Project Need: To provide the minimum requirements for online turbidity analyzer O&M, including accuracy and precision testing requirements, range requirements, methods of calibration, and troubleshooting.

Describes online turbidity analyzer operation and maintenance (O&M) when the online turbidity analyzer is used in the treatment and monitoring of municipal water supplies or in the treatment of municipal wastewater or reclaimed water.

BSR/AWWA C205-201x, Cement-Mortar Protective Lining and Coating for Steel Water Pipe - 4 In. (100 mm) and Larger - Shop Applied (revision of ANSI/AWWA C205-2000)

Stakeholders: Drinking water treatment and supply industry, water utilities, consulting engineers.

Project Need: To provide the minimum requirements for shop-applied cement-mortar lining and coating of steel water pipe, including material, application, inspection, handling, and field-jointing requirements.

Describes the material, application, and curing of shop-applied cement-mortar protective linings and coatings for steel water pipe and fittings and field jointing of cement-mortar-lined-and-coated steel water pipe and fittings.

BSR/AWWA C207-201x, Steel Pipe Flanges for Waterworks Service - Sizes 4 In. Through 144 In. (100 mm Through 3600 mm) (revision of ANSI/AWWA C207-2007)

Stakeholders: Drinking water treatment and supply industry, water utilities, consulting engineers.

Project Need: To provide minimum material requirements and dimensions for a variety of steel flanges for attachment to steel water pipe and fittings.

Describes two types of slip-on flanges, ring-type and hub-type, that may be used interchangeably if the dimensions given in the standard are used. This standard also describes blind flanges.

BSR/AWWA C208-201x, Dimensions for Fabricated Steel Water Pipe Fittings (revision of ANSI/AWWA C208-2007)

Stakeholders: Drinking water treatment and supply industry, water utilities, consulting engineers.

Project Need: To provide the minimum requirements for the dimensions of fabricated steel water pipe fittings.

Provides overall dimensions for fabricating steel water-pipe fittings for sizes 6 in. through 144 in. (150 mm through 3,600 mm) for steel water-transmission and water-distribution facilities.

BSR/AWWA C223-201x, Fabricated Steel and Stainless Steel Tapping Sleeves (revision of ANSI/AWWA C223-2008)

Stakeholders: Drinking water treatment and supply industry, water utilities, consulting engineers.

Project Need: To provide the minimum requirements for fabricated tapping sleeves for various pipe materials, including system components, testing, and marking requirements.

Describes fabricated-steel and stainless-steel tapping sleeves used to provide outlets on pipe. They are intended for pipe sizes 4 in. (100 mm) through 48 in. (1,200 mm) with branch outlets through 36 in. (900 mm). This standard includes requirements for materials, dimensions, tolerances, finishes, and testing.

BSR/AWWA C227-201x, Bolted, Split-Sleeve Restrained and Nonrestrained Couplings for Plain-End Pipe (revision of ANSI/AWWA C227-2007)

Stakeholders: Drinking water treatment and supply industry, water utilities, consulting engineers.

Project Need: To provide the minimum requirements for bolted, split-sleeve couplings for plain-end pipe, including requirements for materials, design, testing and inspection, installation, marking, and shipping.

Describes bolted, split-sleeve couplings used to join plain-end pipe of similar outside diameter. Couplings may be manufactured from carbon steel or stainless steel and are intended for use in systems conveying water, wastewater, or air used in water treatment. This standard covers nominal pipe sizes from 3/4 in. (20 mm) through 144 in. (3,600 mm).

BSR/AWWA C301-201x, Prestressed Concrete Pressure Pipe, Steel-Cylinder Type (revision of ANSI/AWWA C301-2007)

Stakeholders: Drinking water treatment and supply industry, water utilities, consulting engineers.

Project Need: To provide the minimum requirements for steel-cylinder, prestressed concrete pressure pipe.

Describes the manufacture of circumferentially prestressed concrete pressure pipe with a steel cylinder and wire reinforcement in sizes 16 in. (410 mm) through 144 in. (3,660 mm). Larger sizes have been manufactured based on the concepts presented in this standard. The standard describes two types of prestressed pipe:
(1) lined-cylinder pipe with a core composed of a steel cylinder lined with concrete and subsequently wire-wrapped and coated with premixed mortar; and
(2) embedded-cylinder pipe with a core composed of a steel cylinder encased in concrete and subsequently wire-wrapped and coated with premixed cement mortar.

BSR/AWWA C304-201x, Design of Prestressed Concrete Cylinder Pipe (revision of ANSI/AWWA C304-2007)

Stakeholders: Drinking water treatment and supply industry, water utilities, consulting engineers.

Project Need: To establish the mandatory minimum requirements for the structural design of prestressed concrete cylinder pipe (PCCP) and to provide procedures that will ensure that the design requirements are satisfied.

Defines the methods to be used in the structural design of buried prestressed concrete cylinder pipe (PCCP) under internal pressure. These methods are provided for the design of pipe subjected to the effects of working, transient, and field-test load and internal pressure combinations.

BSR/AWWA C510-201x, Double Check Valve Backflow Prevention Assembly (revision of ANSI/AWWA C510-2007)

Stakeholders: Drinking water treatment and supply industry, water utilities, consulting engineers.

Project Need: To provide the minimum requirements for double-check-valve backflow prevention assemblies, including materials, general and detailed design, workmanship, and shipping and delivery.

Describes the double-check-valve backflow prevention assembly. The assembly shall be for operation on hot- or cold-water lines and capable of withstanding a working water pressure of at least 150 psi (1,034 kPa) without damage to working parts or impairment of function.

BSR/AWWA C511-201x, Reduced-Pressure Principle Backflow Prevention Assembly (revision of ANSI/AWWA C511-2007)

Stakeholders: Drinking water treatment and supply industry, water utilities, consulting engineers.

Project Need: To provide the minimum requirements for reduced-pressure principle backflow prevention assemblies, including materials, general and detailed design, workmanship, and shipping and delivery.

Describes the reduced-pressure principle backflow prevention assembly. The assembly shall be capable of withstanding a working water pressure of at least 150 psi (1,034 kPa) without damage to working parts or impairment of function and for operation on hot- or cold-water lines.

BSR/AWWA C530-201x, Pilot-Operated Control Valves (revision of ANSI/AWWA C530-2007)

Stakeholders: Drinking water treatment and supply industry, water utilities, consulting engineers.

Project Need: To define the minimum requirements for pilot-operated control valves, including sizing considerations, design verification, testing, delivery, handling, and storage.

Establishes minimum requirements for pilot-operated control valves of globe, angle and wye body styles with various end connections in sizes from 1-1/2 in. through 60 in. (37.5 mm through 1,500 mm) in diameter, with water having a pH range from 6 to 9 and a temperature range from 40 to 125 F (4.4 to 52 C). The standard covers piston- and diaphragm-type valves, suitable for a maximum steady-state fluid working pressure of 300 psig (2,070 kPa), a maximum steady-state differential pressure of 300 psig (2,070 kPa), and a maximum line velocity of 15 ft/sec (4.6 m/sec).

BSR/AWWA C560-201x, Cast-Iron Slide Gates (revision of ANSI/AWWA C560-2008)

Stakeholders: Drinking water treatment and supply industry, water utilities, consulting engineers.

Project Need: To provide the minimum requirements for cast-iron slide gates, including materials, general design, manufacture, testing, inspection, and shipment.

Describes vertically mounted, cast-iron slide gates designed for either seating head or unseating head, or both, in ordinary water supply service.

BSR/AWWA C701-201x, Cold-Water Meters - Turbine Type, for Customer Service (revision of ANSI/AWWA C701-2007)

Stakeholders: Drinking water treatment and supply industry, water utilities, consulting engineers.

Project Need: To provide the minimum requirements for coldwater, turbine-type meters, including materials and design.

Describes the various classes of cold-water turbine meters in sizes 3/4 in. (20 mm) through 20 in. (500 mm) for water supply customer service, mainline metering, and custody transfer of water among purveyors, and the materials and workmanship employed in their fabrication.

BSR/AWWA C900-201x, Polyvinyl Chloride (PVC) Pressure Pipe and Fabricated Fittings, 4 In. Through 48 In. (100 mm Through 1,200 mm), for Water Transmission and Distribution (revision, redesignation and consolidation of ANSI/AWWA C900-2007 and ANSI/AWWA C905-2010)

Stakeholders: Drinking water treatment and supply industry, water utilities, consulting engineers.

Project Need: To provide purchasers, manufacturers, and suppliers with the minimum requirements for PVC pressure pipe and fabricated fittings, 4 In. Through 48 In. (100 mm Through 1,200 mm), for water distribution and transmission.

Describes 4 in. through 48 in. (100 mm through 1,200 mm) polyvinyl chloride (PVC) pressure pipe and fabricated fittings for use in transporting water in buried installations. For nominal pipe sizes ranging from 4 in. through 12 in. (100 mm through 300 mm), the standard describes wall thickness dimension ratios (DRs) 14, 18, and 25, with cast-iron-pipe-equivalent (CI) outside diameter (OD) dimensions. For nominal pipe sizes ranging from 14 in. through 48 in. (350 mm through 1,200 mm), the standard describes DRs of 14, 18, 21, 25, 26, 32.5, 41, and 51, with CI and steel-pipe-equivalent (IPS) OD dimensions.

BSR/AWWA C950-201x, Fiberglass Pressure Pipe (revision of ANSI/AWWA C950-2007)

Stakeholders: Drinking water treatment and supply industry, water utilities, consulting engineers.

Project Need: To provide the minimum requirements for fiberglass pressure pipe, including design, fabrication, and testing requirements.

Describes the fabrication and the testing of nominal 1-in. through 156-in. (25-mm through 4,000-mm) fiberglass pipe and joining systems for use in both aboveground and belowground water systems. Service and distribution piping systems and transmission piping systems are included.

BSR/AWWA F101-201x, Contact-Molded, Fiberglass-Reinforced Plastic Wash-Water Troughs and Launders (revision of ANSI/AWWA F101-2007)

Stakeholders: Drinking water treatment and supply industry, water utilities, consulting engineers.

Project Need: To provide the minimum requirements for contact-molded, fiberglass-reinforced plastic wash-water troughs and launders, including laminate construction and design, chemical and physical requirements, verification, and delivery.

Describes the minimum requirements for fiberglass-reinforced plastic wash-water troughs and launders made by the contact-molding process, including flat-bottom, round-bottom, and V-bottom troughs and launders.

BSR/AWWA F102-201x, Matched-Die-Molded, Fiberglass-Reinforced Plastic Weir Plates, Scum Baffles, and Mounting Brackets (revision of ANSI/AWWA F102-2007)

Stakeholders: Drinking water treatment and supply industry, water utilities, consulting engineers.

Project Need: To provide the minimum requirements for matched-die-molded, fiberglass-reinforced plastic weir plates, scum baffles, and mounting brackets, including materials, design, chemical and physical requirements, verification, and delivery.

Describes the minimum requirements for fiberglass-reinforced plastic weir plates, scum baffles, mounting brackets, lap plates, cover washers, and weir pans, fabricated with the matched-die molding process.

BSR/AWWA G300-201x, Source Water Protection (revision of ANSI/AWWA G300-2007)

Stakeholders: Drinking water treatment and supply industry, water utilities, consulting engineers.

Project Need: To define the minimum requirements for the protection of source waters.

Describes the essential requirements for the effective protection of source waters.

BIFMA (Business and Institutional Furniture Manufacturers Association)

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Grand Rapids, MI 49504

Contact: *David Panning*

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BSR/BIFMA X5.4-201x, Lounge Seating - Tests (revision of ANSI/BIFMA X5.4-2005)

Stakeholders: Manufacturers, suppliers, test labs, specifiers, and users of lounge seating.

Project Need: To revise this standard.

Provides manufacturers, specifiers, and users with a common basis for evaluating the safety, durability, and structural adequacy of business and institutional lounge seating. This standard describes the means of evaluating lounge seating, independent of construction materials, manufacturing processes, mechanical designs or aesthetic designs.

CSA (CSA America, Inc.)

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Cleveland, OH 44131

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BSR/CSA America FC 1-201x, Stationary Fuel Cell Power Systems (revision of ANSI/CSA America FC 1-2004 (R2009))

Stakeholders: Consumers, manufacturers, gas suppliers,

Project Need: To revise and update this standard.

Covers the safe operation, construction, and performance of stationary fuel cell power systems, which, through electrochemical reactions, generate electricity. This standard applies to fuel cell power systems that operate at an output voltage not exceeding nominal 600 VAC or 600 VDC, and at a power output not exceeding 10 MW. Input fuels covered by this standard include hydrogen gas, gaseous and liquid hydrocarbon fuel, and zinc particulate conveyed in a non-flammable liquid medium.

BSR/CSA PRD1-201x, Pressure Relief Devices for Natural Gas Vehicle (NGV) Fuel Containers (revision and redesignation of ANSI/IAS PRD1b-2007)

Stakeholders: Consumers, manufacturers, gas suppliers, certification agencies.

Project Need: Safety.

Contains specifications for the materials, design, manufacture, and testing of pressure relief devices produced for use on NGV fuel containers. NGV fuel containers comply with the NGV2, FMVSS304 and/or CSA B51 Part 2 standards, as appropriate.

ICC (International Code Council)

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Country Club Hills, IL 60478-5795

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E-mail: ewirtschoreck@iccsafe.org

BSR/ICC 300-201x, Bleachers, Folding and Telescopic Seating, and Grandstands (revision and redesignation of ANSI/ICC 300-2007)

Stakeholders: Design professionals; manufacturers and constructors; and building, fire, and other government officials.

Project Need: To update the standard to be consistent with current egress requirements and industry practices.

Develops appropriate, reasonable, and enforceable model health and safety provisions for new and existing installations of all types of bleachers and bleacher-type seating, including fixed and folding bleachers for indoor, outdoor, temporary and permanent installations. Such provisions would serve as a model for adoption and use by enforcement agencies at all levels of government in the interest of national uniformity.

BSR/ICC 400-201x, Standard on the Design and Construction of Log Structures (revision and redesignation of ANSI/ICC 400-2007)

Stakeholders: Design professionals; manufacturers and constructors; and building, fire, and other government officials.

Project Need: To update the standard to be consistent with current industry practices.

Provides technical design and performance criteria that will facilitate and promote the design, construction, and installation of safe and reliable structures constructed of log timbers.

IEEE (Institute of Electrical and Electronics Engineers)

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Piscataway, NJ 08854

Contact: *Lisa Yacone*

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E-mail: l.yacone@ieee.org

BSR/IEEE C135.90-201x, Standard for Pole Line Hardware for Overhead Line Construction (new standard)

Stakeholders: Electric utility (transmission and distribution) engineers, and pole-line hardware manufacturers.

Project Need: The industry is using several archived standards for production of pole line hardware. These standards should be reviewed and kept up to date. This combine standard will efficiently accomplish this.

Covers the requirements of inch-based hardware commonly used in wood-pole overhead line construction. Metric hardware is not covered by this standard.

ISA (ISA)

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Research Triangle Park, NC 27709

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E-mail: efussell@isa.org

BSR/ISA 77.41.01-201x, Fossil Fuel Power Plant Boiler Combustion Controls (revision of ANSI/ISA 77.41.01-2005)

Stakeholders: Fossil-fuel power plants.

Project Need: To establish the minimum requirements for the functional design specification of combustion control systems for drum-type, fossil-fueled, power-plant boilers.

Addresses the major combustion control subsystems in boilers with steaming capabilities of 200,000 lb/hr (25 kg/s) or greater.

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

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Washington, DC 20005

Contact: *Serena Patrick*

Fax: (202) 638-4922

E-mail: spatrick@itic.org; bbennett@itic.org

BSR INCITS PN-2212-D-201x, Information technology - Serial Attached SCSI-3 (SAS-3) (new standard)

Stakeholders: This proposed project is intended to provide a more consistent driver interface for SAS solutions.

Project Need: To provide a compatible evolution of the present Serial Attached SCSI standard.

Serial Attached SCSI-3 is the next generation of Serial Attached SCSI, following SAS-2.1, SAS-2, SAS-1.1, and SAS. The following items should be considered for inclusion in Serial Attached SCSI-3:
(1) 12 Gigabits per second data link rate;
(2) Maintain 3 Gbps and 6 Gbps SAS compatibility;
(3) Maintain SATA 3.0 compatibility; and
(4) Other capabilities that may fit within the scope of this project.

BSR INCITS PN-2213-D-201x, Information technology - SCSI RPC Transport Protocol (SRPC) (new standard)

Stakeholders: The proposed standard would allow an equivalent interface to be employed for accessing.

Project Need: Some OSD implementations employ RPC interfaces for access to the Storage/Policy Manager and/or Security.

SCSI RPC Transport Protocol is a mapping of the transport procedure calls defined in SAM-5 to the Remote Procedure Call semantic used in many network applications. The following items should be considered for inclusion in SCSI RPC Transport Protocol:
(1) A mapping of the transport procedure calls defined in SAM-5 to suitable procedure calls for an RPC (including the provision of definitions for coded values that SAM-5 identifies as externally defined);
(2) At least one specific RPC-binding definition that employs a standard RPC syntax (e.g., ONC RPC); and
(3) Other capabilities that may fit within the scope of this project.

NEMA (National Electrical Manufacturers Association)

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E-mail: Jean.Johnson@nema.org

BSR/NEMA VE1-201x, Metal Cable Tray Systems (new standard)

Stakeholders: Industrial installations, warehouses, data centers, paper mills, oil refineries, manufacturing plants.

Project Need: To reflect revisions from prior standard, and considerations resulting from of 5-year review.

Specifies the requirements for metal cable trays and associated fittings designed for use in accordance with the rules of the Canadian Electrical Code (CEC), Part I, and the National Electrical Code (NEC).

NEMA (National Electrical Manufacturers Association)

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BSR/NEMA MW 1000-2008 Rev. 2-201x, Magnet Wire (revision of ANSI/NEMA MW 1000-2008)

Stakeholders: Magnet wire manufacturers, manufacturers of magnet wire end use products, testing laboratories.

Project Need: To implement updates to specifications and test procedures agreed upon since the release of Rev. 1 of the 2008 edition of the standard.

Presents all existing NEMA standards for round, rectangular, and square film insulated and/or fibrous covered copper and aluminum magnet wire for use in electrical apparatus. Included are the definitions, type designations, dimensions, constructions, performance, and test methods for magnet wire generally used in the winding of coils for electrical apparatus.

TIA (Telecommunications Industry Association)

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Arlington, VA 22201

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E-mail: tjenkins@tiaonline.org

BSR/TIA 41.000-E-7-201x, Mobile Application Part (MAP): Introduction to MAP (revision of ANSI/TIA 41.000-E-2004)

Stakeholders: Mobile.

Project Need: To update this standard.

Defines the range of application of the current issue of the series. This standard focuses on overall objectives and basic assumptions. Procedural details are presented in the other recommendations.

UL (Underwriters Laboratories, Inc.)

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Northbrook, IL 60062

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E-mail: Megan.M.Sepper@us.ul.com

BSR/UL 60947-4-2-201x, Standard for Safety for Low-Voltage Switchgear and Controlgear - Part 4-2: Contactors and Motor-Starters - AC Semiconductor Motor Controllers and Starters (identical national adoption of IEC 60947-4-2)

Stakeholders: Motor controllers and starters industry.

Project Need: To develop a new ANSI/UL standard.

Covers controllers and starters, which may include a series mechanical switching device, intended to be connected to circuits, the rated voltage of which does not exceed 1 000 V a.c. This standard characterizes controllers and starters with and without bypass means. Controllers and starters in this standard are not normally designed to interrupt short-circuit currents. Therefore, suitable short-circuit protection should form part of the installation, but not necessarily of the controller or starter. It gives requirements for controllers and starters associated with separate short-circuit protective devices.

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.

ISO Draft International Standards

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

Comments

Comments regarding ISO documents should be sent to Rachel Howenstine, at ANSI's New York offices (isot@ansi.org). The final date for offering comments is listed after each draft.

Ordering Instructions

ISO Drafts can be made available by contacting ANSI's Customer Service department. Please e-mail your request for an ISO Draft to Customer Service at sales@ansi.org. When making your request, please provide the date of the Standards Action issue in which the draft document you are requesting appears.

GAS CYLINDERS (TC 58)

ISO/DIS 11372, Gas cylinders - Acetylene cylinders - Filling conditions and filling inspection - 7/17/2010, $62.00

MACHINE TOOLS (TC 39)

ISO/DIS 28881, Machine tools - Safety - Electro discharge machines - 7/17/2010, $119.00

PHOTOGRAPHY (TC 42)

ISO/DIS 18944, Imaging materials - Reflection colour photographic prints - Test print construction and measurement - 7/18/2010, $88.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 812, Rubber, vulcanized or thermoplastic - Determination of low-temperature brittleness - 7/17/2010, $62.00

ISO/DIS 7743, Rubber, vulcanized or thermoplastic - Determination of compression stress-strain properties - 7/17/2010, $77.00

TIMBER STRUCTURES (TC 165)

ISO/DIS 20152-2, Timber structures - Bond performance of adhesives - Part 2: Additional requirements - 7/18/2010, $62.00

ISO/IEC DIS 16317, Information technology - Telecommunications and information exchange between systems - ProxZzzy for sleeping hosts - 7/18/2010, $88.00

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 are available from IEC directly via their online store at http://www.iec.ch/.

9/1389/FDIS, IEC 62589 Ed.1: Railway applications - Fixed installations - Harmonisation of the rated values for converter groups and tests on converter groups, 06/18/2010

32C/432/FDIS, IEC 60127-2 A2 Ed. 2.0: Miniature fuses. Part 2: Cartridge fuse-links, 06/11/2010

34C/916/FDIS, IEC 61347-1 Amend 1 Ed 2: Lamp controlgear - Part 1: General and safety requirements, 06/04/2010

45B/642/FDIS, IEC 62463 Ed.1: Radiation protection instrumentation - X-ray systems for the screening of persons for security and the carrying of illicit items, 06/04/2010

45/706/FDIS, IEC 60462 Ed.2: Nuclear instrumentation - Photomultiplier tubes for scintillation counting - Test procedures, 06/11/2010

48B/2173/FDIS, IEC 60603-7-71 Ed 1.0: Connectors for electronic equipment - Part 7-71: Detail specification for 8-way, shielded, free and fixed connectors, for data transmission with frequencies up to 1 000 MHz, 06/04/2010

56/1365/FDIS, IEC 62508 Ed. 1.0: Guidance on Human Aspects of Dependability, 06/04/2010

57/1058/FDIS, IEC 61968-11 Ed.1: Application integration at electric utilities - System interfaces for distribution management - Part 11: Common information model (CIM) extensions for distribution, 06/04/2010

89/991/FDIS, IEC 60695-1-11 Ed 1.0: Fire hazard testing - Part 1-11: The fire hazard of electrotechnical products - Fire hazard assessment, 06/04/2010

89/991/FDIS, Cancelled and replaced by 89/991A/FDIS, /

89/991A/FDIS, IEC 60695-1-11 Ed 1.0: Fire hazard testing - Part 1-11: Guidance for assessing the fire hazard of electrotechnical products - Fire hazard assessment, 06/04/2010

96/353/FDIS, IEC 61558-2-5 Ed 2: Safety of transformers, reactors, power supply units and combinations thereof - Part 2-5: Particular requirements and test for transformer for shavers, power supply units for shavers and shaver supply units, 06/11/2010

96/354/FDIS, IEC 61558-2-8 Ed 2: Safety of transformers, reactors, power supply units and combinations thereof - Part 2-8: Particular requirements and tests for transformers and power supply units for bells and chimes, 06/11/2010

96/355/FDIS, IEC 61558-2-9 Ed 2: Safety of transformers, reactors, power supply units and combinations thereof - Part 2-9: Particular requirements and tests for transformers and power supply units for class III handlamps for tungsten filament lamps, 06/11/2010

96/356/FDIS, IEC 61558-2-20 Ed 2: Safety of transformers, reactors, power supply units and combinations thereof - Part 2-20: Particular requirements and tests for small reactors, 06/11/2010

96/357/FDIS, IEC 61558-2-3 Ed 2: Safety of transformers, reactors, power supply units and combinations thereof - Part 2-3: Particular requirements and tests for ignition transformers for gas and oil burners, 06/11/2010

Newly Published ISO and IEC Standards

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

ISO Standards

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 14183/Cor1:2010, Animal feeding stuffs - Determination of monensin, narasin and salinomycin contents - Liquid chromatographic method using post-column derivatization - Corrigendum, FREE

DENTISTRY (TC 106)

ISO 9917-2:2010, Dentistry - Water-based cements - Part 2: Resin-modified cements, $98.00

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

ISO 286-1:2010, Geometrical product specifications (GPS) - ISO code system for tolerances on linear sizes - Part 1: Basis of tolerances, deviations and fits, $135.00

GAS CYLINDERS (TC 58)

ISO 3500/Amd1:2010, Seamless steel CO2 cylinders for fixed fire-fighting installations on ships - Amendment 1, $16.00

ISO 9809-1:2010, Gas cylinders - Refillable seamless steel gas cylinders - Design, construction and testing - Part 1: Quenched and tempered steel cylinders with tensile strength less than 1 100 MPa, $141.00

ISO 9809-2:2010, Gas cylinders - Refillable seamless steel gas cylinders - Design, construction and testing - Part 2: Quenched and tempered steel cylinders with tensile strength greater than or equal to 1 100 MPa, $141.00

ISO 9809-3:2010, Gas cylinders - Refillable seamless steel gas cylinders - Design, construction and testing - Part 3: Normalized steel cylinders, $135.00

GEOSYNTHETICS (TC 221)

ISO 12958:2010, Geotextiles and geotextile-related products - Determination of water flow capacity in their plane, $80.00

IMPLANTS FOR SURGERY (TC 150)

ISO 14602:2010, Non-active surgical implants - Implants for osteosynthesis - Particular requirements, $80.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO 10303-214:2010, Industrial automation systems and integration - Product data representation and exchange - Part 214: Application protocol: Core data for automotive mechanical design processes, $263.00

PAINTS AND VARNISHES (TC 35)

ISO 1513:2010, Paints and varnishes - Examination and preparation of test samples, $43.00

PHOTOGRAPHY (TC 42)

ISO 18901:2010, Imaging materials - Processed silver-gelatin-type black-and-white films - Specifications for stability, $104.00

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

ISO 13263:2010, Thermoplastics piping systems for non-pressure underground drainage and sewerage - Thermoplastics fittings - Test method for impact strength, $43.00

PLASTICS (TC 61)

ISO 1628-3:2010, Plastics - Determination of the viscosity of polymers in dilute solution using capillary viscometers - Part 3: Polyethylenes and polypropylenes, $57.00

ROAD VEHICLES (TC 22)

ISO 8709:2010, Mopeds - Brakes and brake systems - Tests and measurement methods, $104.00

ISO 8710:2010, Motorcycles - Brakes and brake systems - Tests and measurement methods, $122.00

ROUND STEEL LINK CHAINS, CHAIN SLINGS, COMPONENTS AND ACCESSORIES (TC 111)

ISO 3266:2010, Forged steel eyebolts grade 4 for general lifting purposes, $86.00

SAFETY OF MACHINERY (TC 199)

ISO 14122-1/Amd1:2010, Safety of machinery - Permanent means of access to machinery - Part 1: Choice of fixed means of access between two levels - Amendment 1, $16.00

ISO 14122-2/Amd1:2010, Safety of machinery - Permanent means of access to machinery - Part 2: Working platforms and walkways - Amendment 1, $16.00

ISO 14122-3/Amd1:2010, Safety of machinery - Permanent means of access to machinery - Part 3: Stairs, stepladders and guard-rails - Amendment 1, $16.00

ISO 14122-4/Amd1:2010, Safety of machinery - Permanent means of access to machinery - Part 4: Fixed ladders - Amendment 1, $16.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO 30002:2010, Ships and marine technology - Ship recycling management systems - Guidelines for selection of ship recyclers (and pro forma contract), $43.00

SMALL TOOLS (TC 29)

ISO 13399-1/Amd1:2010, Cutting tool data representation and exchange - Part 1: Overview, fundamental principles and general information model - Amendment 1, $16.00

TEXTILES (TC 38)

ISO 105-D01:2010, Textiles - Tests for colour fastness - Part D01: Colour fastness to drycleaning using perchloroethylene solvent, $49.00

ISO 105-E01:2010, Textiles - Tests for colour fastness - Part E01: Colour fastness to water, $49.00

ISO 105-E03:2010, Textiles - Tests for colour fastness - Part E03: Colour fastness to chlorinated water (swimming-pool water), $49.00

ISO 105-E07:2010, Textiles - Tests for colour fastness - Part E07: Colour fastness to spotting: Water, $43.00

ISO 105-E09:2010, Textiles - Tests for colour fastness - Part E09: Colour fastness to potting, $43.00

ISO 105-E12:2010, Textiles - Tests for colour fastness - Part E12: Colour fastness to milling: Alkaline milling, $49.00

THERMAL INSULATION (TC 163)

ISO 12344:2010, Thermal insulating products for building applications - Determination of bending behaviour, $57.00

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

ISO 1135-4:2010, Transfusion equipment for medical use - Part 4: Transfusion sets for single use, $86.00

TYRES, RIMS AND VALVES (TC 31)

ISO 11795/Amd1:2010, Agricultural tractor drive wheel tyres - Method of measuring tyre rolling circumference - Amendment 1, $16.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 11989:2010, Information technology - iSCSI Management API, $249.00

ISO/IEC 24800-3:2010, Information technology - JPSearch - Part 3: Query format, $104.00

IEC Standards

POWER SYSTEM CONTROL AND ASSOCIATED COMMUNICATIONS (TC 57)

IEC 61850-7-4 Ed. 2.0 en:2010, Communication networks and systems for power utility automation - Part 7-4: Basic communication structure - Compatible logical node classes and data object classes, $281.00

Proposed Foreign Government Regulations

Call for Comment

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

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

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

Information Concerning

American National Standards

INCITS Executive Board

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

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

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

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

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

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

PINS Correction

Scope for AWS C3.11M/C3.11

Because of a computer error, the scope of BSR/AWS C3.11M/C3.11 was missing from the listing in the PINS section of the April 16, 2010 issue of Standards Action. The scope is as follows:

This specification describes relevant equipment, fabrication procedures and quality (inspection) requirements for the torch soldering of materials. This document includes criteria for classifying torch-soldered joints based on loading and the consequences of failure and quality assurance criteria defining the limits of acceptability in each class.

Standards Technical Panels

Requests for Members

STP 136 – Pressure Cookers

The Standards Technical Panel for Pressure Cookers, STP 136, is seeking members in the following interest categories: Supply Chain, Commercial/Industrial User, General Interest, Testing and Standards Organizations, and Consumer. This STP is responsible for UL 136, the Standard for Safety for Pressure Cookers. For additional information, contact: Underwriters Laboratories, Kristin Andrews, 455 E. Trimble Road, San Jose, CA 95131, PHONE: (408) 754-6634, E-Mail: Kristin.L.Andrews@us.up.com.

STP 1696 – Flexible Nonmetallic Conduit and Tubing

The Standards Technical Panel for Flexible Nonmetallic Conduit and Tubing, STP 1696, is seeking members in the following interest categories: Supply Chain, Commercial/Industrial User, General Interest, AHJ, Government, and Testing and Standards Organizations. This STP is responsible for UL 1653, Electrical Nonmetallic Tubing, UL 1660, Liquid-Tight Flexible Nonmetallic Conduit and UL 1696, Nonmetallic Mechanical Protection Tubing (NMPT). For additional information, contact: Underwriters Laboratories, Kristin Andrews, 455 E. Trimble Road, San Jose, CA 95131, PHONE: (408) 754-6634, E-Mail: Kristin.L.Andrews@us.up.com.

STP 2208 – Solvent Distillation Units

The Standards Technical Panel for Solvent Distillation Units, STP 2208, is seeking members in the following interest categories: Supply Chain, Commercial/Industrial User, General Interest, AHJ, and Testing and Standards Organizations. This STP is responsible for UL 2208, Solvent Distillation Units. For additional information, contact: Underwriters Laboratories, Kristin Andrews, 455 E. Trimble Road, San Jose, CA 95131, PHONE: (408) 754-6634, E-Mail: Kristin.L.Andrews@us.up.com.

ANSI Accredited Standards Developers

Approval of Reaccreditation

Air-Conditioning, Heating and Refrigeration Institute (AHRI)

ANSI's Executive Standards Council has approved the reaccreditation of the Air-Conditioning, Heating and Refrigeration Institute (AHRI), a full ANSI Organizational Member, under its recently revised operating procedures for documenting consensus on proposed American National Standards, effective April 16, 2010. For additional information, please contact: Mr. Michael Woodford, Assistant Vice-President, Engineering, Air-Conditioning, Heating and Refrigeration Institute, 4100 North Fairfax Drive, Suite 200, Arlington, VA 22203-1629; PHONE: (703) 524-8800; FAX: (703) 528-3816; E-mail: woodford@ahrinet.org.

ANSI Accreditation Program for Third Party Product Certification Agencies

Request for Scope Extension

Bay Area Compliance Laboratories Corporation (BACL)

Comment Deadline: May 24, 2010

John Chan, President & CEO
Bay Area Compliance Laboratories Corp. (BACL)
1274 Anvilwood Avenue
Sunnyvale, CA 94089
PHONE: (408) 732-9162
FAX: (408) 732-9164
E-mail: johnc@baclcorp.com

Bay Area Compliance Laboratories Corp. (BACL), an ANSI-accredited certification body, has requested a scope extension of ANSI accreditation to include the following Scope(s):

A. Japan MIC Telecommunications Business Law

A1. Terminal equipment for purpose of calling
A2. Other Terminal equipment

B. Japan MIC Radio Law

B1. Specified Radio Equipment specified in Article 38-2, paragraph 1, item 1 of the Radio Law

B2. Specified Radio Equipment specified in Article 38-2, paragraph 1, item 2 of the Radio Law

B3. Specified Radio Equipment specified in Article 38-2, paragraph 1, item 3 of the Radio Law

Please send your comments by May 24, 2010 to Reinaldo Balbino Figueiredo, Sr. 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, or Nikki Jackson, Program Manager, Product Certifier Accreditation, American National Standards Institute, 1819 L Street, NW, 6th Floor, Washington, DC 20036, FAX: (202) 293-9287 or e-mail: njackson@ansi.org.

International Organization for Standardization (ISO)

New ISO Technical Committee

Project Management

Comment Deadline: May 21, 2010

The Project Management Institute (PMI) and the US Technical Advisory Group for ISO/PC 236 have submitted to ANSI the attached proposal for the following new ISO technical committee:

Title:

Project Management

Scope:

Standardization of project management, including project management, program management, and project portfolio management.

Please note that ANSI currently serves as the secretariat of ISO/PC 236 developing the single ISO Standard 21500 on project management, but PMI and the US/TAG for ISO/PC 236 wish to expand the scope of ISO's work in this subject area with additional projects under a new technical committee. It is envisioned that when the current ISO/PC 236 completes its work on 21500, the PC will be disbanded but the ongoing responsibility and maintenance for 21500 would fall to the new TC.

For a copy of the proposal, please contact ANSI's ISO Team (isot@ansi.org). All comments on the proposal should be sent to Steven Cornish (scornish@ansi.org) by COB Friday, May 21, 2010.

U. S. Technical Advisory Groups

Approval of TAG Accreditation

U. S. TAG to ISO TC 83 – Sports and Recreational Equipment

ANSI's Executive Standards Council (ExSC) has approved the accreditation of a new U.S. Technical Advisory Group to ISO Technical Committee 83, Sports and Recreational Equipment, with ASTM, a full ANSI organizational member, serving as TAG Administrator. For additional information, please contact: Ms. Christine Basile, Manager, Standards Development, ASTM, 100 Barr Harbor Drive, West Conshohocken, PA 19428; PHONE: (610) 832-9728; FAX: (610) 832-9666; E-mail: cbasile@astm.org.

Meeting Notice

A10 ASC Meeting – July 2010 Meeting

The American Society of Safety Engineers (ASSE) serves as the secretariat of the ANSI Accredited A10 Committee (A10 ASC) for Construction and Demolition Operations. The next meeting of the A10 ASC will be held on July 13, 2010 in Washington DC at the International Brotherhood of Electrical Workers (IBEW). Those who have interest in the committee are encouraged to attend.

In addition, subgroup meetings of ASC A10 will be held the day before on July 12th and potentially on the 14th. The ASC A10 has a series of subgroups addressing a wide variety of construction and demolition issues ranging from trenching and shoring to ergonomic injury prevention and health hazards. The subgroup meeting schedule will be provided upon request.

If you are interested in attending a meeting or subgroup meeting, please contact:

Timothy R. Fisher, CSP, CHMM, ARM, CPEA
Director, Practices and Standards
American Society of Safety Engineers (ASSE)
1800 East Oakton Street
Des Plaines, IL 60018
PHONE: (847) 768-3411
FAX: (847) 296-9221
E-mail: TFisher@ASSE.Org

Tracking Number 50i66r1 **Revision to NSF/ANSI 50 – 2009a**
 Issue 66, Draft 1 (March 2010)

NSF/ANSI 50

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

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

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8.4 Equalizer line (public pools)

8.4.1 A skimmer intended for public pool applications should ~~shall~~ have an equalizer line that prevents air from becoming entrained in the suction line. Refer to your local public health officials or pool and spa code to determine if an equalizer line is required. For product designs that incorporate a port for an equalizer line:

– the equalizer line shall either be disabled (during installation/service), or

– a suction fitting (i.e. fasteners, sump, cover, adapters, etc.) shall be installed which has been tested and certified to ANSI/ASME A112.19.8-2007 (or latest version of the standard). The suction fitting shall be sized equal to or greater than the maximum service flow rate through the skimmer to which the cover/grate is installed.

– the skimmer manufacturer shall specify one or more model(s) of suction fitting, meeting the above criteria.

8.4.2 When the skimmer is operating at the maximum design flow rate and the water level is lowered to 51 mm (2 in) below the lowest overflow level of the weir (see annex E, section E.2.4.e), the flow rate through the equalizer line shall be within ± 5% of the maximum design flow rate (see annex E, section E.4).

8.4.3 When the skimmer is operating normally at the maximum design flow rate and up to 75% of the open area in the strainer basket is blocked, the flow rate (leakage) past the equalizer line shall not exceed 10% of the total flow rate through the skimmer (see annex E, section E.3).

8.4.4 The equalizer line must have a cover that meets ANSI/ASME A 112.19.8.

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8.8 Operation and installation instructions

8.8.1 The manufacturer shall provide written operation and installation instructions with each unit. The instructions shall include drawings, charts, and parts lists necessary for the proper installation, operation, and maintenance of the skimmer.

8.8.2 A skimmer equipped with an equalizer shall have, in its operation and installation instructions, a warning that the skimmer is to be installed with an equalizer wall or drain fitting

conforming to ANSI/ASME A112.19.8 to prevent hair or body entrapment at the skimmer equalizer. The skimmer manufacturer shall specify, in its operation and installation instructions, one or more model(s) of suction fitting, which meet the maximum flow rating of the skimmer suction line (and/or equalizer line). The manufacturer may or may not supply the fitting with the skimmer.

8.8.3 A skimmer's maximum flow rating (LPM, GPM) shall be specified based on the nominal pipe size intended to plumb the suction line (and/or equalizer line). The maximum velocity for any nominal pipe size shall not exceed 1.83 MPS (6 FPS).

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BSR/UL 25

Proposals

9.5 A pipe fitting shall be steel, brass, copper, malleable iron, or ductile (~~modular~~ nodular) iron. A cast-iron pipe fitting shall not be used.

9.6 Tubing shall be steel, brass, or copper for LP-Gas meters and shall be steel, or seamless drawn aluminum or copper for flammable liquid meters. The tubing shall have a wall thickness of not less than that specified in Table 9.1. Tubing shall also comply with the following requirements, as applicable:

a) For steel tubing, the applicable requirements for Grade A steel in the Standard Specification for Electric-Resistance Welded Carbon Steel and Carbon-Manganese Steel Boiler and Superheater Tubes, ASTM A178/A178M.

b) For brass tubing, the Standard Specification for Seamless Brass Tube, ASTM B135.

c) For copper tubing:

1) Type K or L, the Standard Specification for Seamless Copper Water Tube, ASTM B88.

2) The Specification for Seamless Copper Tube for Air Conditioning and Refrigeration Field Service, ASTM B280.

3) The Standard Specification for Seamless Copper Tube, ASTM B75.

14.2 A sample meter previously subjected to the Deformation, Leakage, and the Endurance Tests, Sections 11 – 13, is to be used, and is to be connected to a source of hydrostatic pressure. A positive shutoff valve and a calibrated pressure ~~gauge having a minimum range of 1-1/2 nor more than 2 times the test pressure~~ indicating device are to be installed in the pressure-supply piping. The pressure ~~gauge~~ indicating device is to be installed in the pressure-supply piping between the shutoff valve and the meter. The pressure indicating device shall comply with one of the following:

a) An analog gauge having a pressure range such that the test pressure is between 30 and 70 percent of the maximum scale reading of the gauge;

b) A digital pressure transducer, or other digital gauge, that is calibrated over a range of pressure that includes the test pressure; or

c) Other device that is equivalent to the devices in (a) or (b).

Care is to be taken to completely fill the test sample with liquid and expel all air.

17.1 To determine conformance with these requirements in production, the manufacturer shall provide the necessary production control, inspection, and tests. The program shall include at least the following tests.

BSR/UL 719

Table 1.1

Cables covered in this standard

Type	Construction	Number of circuit conductors	Size of circuit conductors
NMC	flat	2 or 3	14 - 10 AWG copper or 12 - 10 AWG aluminum or copper-clad aluminum
NM	flat	2	14 - 2 AWG copper or 12 - 2 AWG aluminum or copper-clad aluminum
	flat	3	14 - 10 AWG copper or 12-10 AWG aluminum or copper-clad aluminum
	round	2, 3, or 4	14 - 2 AWG copper or 12 - 2 AWG aluminum or copper-clad aluminum

8.2.1 In Type NM cables containing two circuit conductors, the circuit conductors shall either be laid parallel or shall be cabled with a length of lay that is not longer than indicated in Table 8.1. In Type NM cables containing two, three, or four circuit conductors, the circuit conductors shall be cabled with a length of lay no longer than indicated in Table 8.1 except that, for sizes 14 - 10 AWG copper or 12-10 AWG aluminum or copper-clad aluminum, whether or not a binder is employed, the circuit conductors shall either be cabled with a length of lay which is not specified, ~~or~~ shall be bundled together parallel to one another, or shall be laid parallel. In Type NMC cables, the circuit conductors shall be laid parallel. In a round cable, the direction of lay may be changed at intervals throughout the length of the cable. The intervals need not be uniform. In a cable in which the lay is reversed:

a) Each area in which the lay is right- or left-hand for not less than 5 complete twists (full 360° cycles) shall have the insulated conductors cabled with a length of lay that is not greater than indicated in Table 8.1, and

b) The length of each lay-transition zone (oscillated section) between these areas of right- or left-hand lay shall not exceed 1.8 times the maximum length of lay indicated in Table 8.1.

8.3.1 The grounding conductor shall be entirely in one location in the cable - that is, it shall not be divided into two or more parts located separately or distributed helically. In a Type NMC cable, the grounding conductor shall be placed in the valley between two of the circuit conductors but shall not be directly between the circuit conductors. In either a two- or three-conductor flat Type NM cable, the grounding conductor shall be placed in the valley between ~~the~~ two of the circuit conductors or directly between ~~the~~ two of the circuit conductors. In a twisted assembly with two circuit conductors, the grounding conductor shall be cabled with the circuit conductors. In a twisted assembly with three or four circuit conductors, the grounding conductor shall be cabled with the circuit conductors or shall be placed in the center section of the assembly. In untwisted assemblies of three or four 14 - 10 AWG circuit conductors only, the grounding conductor shall be bundled along with the circuit conductors in no particular location. In all constructions in which a bare grounding conductor is used, this conductor shall be kept, by a wrap or other means, from coming into contact with any nylon jacket on a circuit conductor or with circuit-conductor insulation.

19.1 The construction of flat cable containing two or three 14, 12, or 10 AWG insulated circuit conductors with a grounding conductor shall necessitate the use of more than 2 lbf or 8.9 N or 910 gf to pull all of the conductors taken together more than 1/16 inch or 1.5 mm out of the jacket when a specimen of finished cable is tested as indicated in 19.2 and 19.3.

20.1.1 To crush finished flat cable containing two or three 14 or 12 AWG copper, or 12 or 10 AWG aluminum or copper-clad aluminum circuit conductors with a grounding conductor shall be:

a) An average of not less than 600 lbf or 2669 N or 272 kgf shall be needed when the crushing force is applied to the cable flatwise as indicated in 20.2.1-20.2.4, and

b) An average of not less than 1200 lbf or 5338 N or 544 kgf shall be needed when the crushing force is applied to the cable edgewise as indicated in 20.3.1-20.3.5.

22.1 The jacket on finished flat cable containing two or three 14 or 12 AWG copper or 12 or 10 AWG aluminum insulated circuit conductors shall not wear through exposing the underlying protective sheath or conductor assembly in fewer than 70 complete cycles of abrasion against sharp steel edges. The test is to be made as described in 22.2 - 22.5.

23.1 Finished, flat, parallel cable containing two or three insulated 14 or 12 AWG copper or 12 AWG aluminum or copper-clad aluminum circuit conductors with a grounding conductor; round Type NM cable that contains two circuit conductors with an insulated grounding conductor, or three or four circuit conductors with a grounding conductor, fillers, or both, in which the conductors are twisted, and which does not comply with the separation requirements in 8.2.2; and all finished round Type NM cable in which the conductors are parallel, shall each be constructed to withstand the low-temperature pulling through joists described in 23.2 - 23.9 without any opening occurring in the jacket that exposes the cable interior (see 23.7 and 23.8), without reduction of the spacing between the circuit conductors in flat cable to a value less than indicated in Table 8.2 (see 23.9), without any change in the position of the grounding conductor that results in the metal of the grounding conductor touching the insulation on a circuit (see 23.9), and without physical damage to the insulation (see 23.9).

24.1 Finished Type NMC cable and Type NM flat cable in which there are two or three 14 AWG copper or 12 AWG aluminum or copper-clad aluminum circuit conductors with a grounding conductor shall withstand an overload current of 40.0 A applied according to each of the two methods described in 24.2 and 24.3. Subsequently, the cable shall withstand a 48 - 62 Hz essentially sinusoidal rms potential of 5000 V applied for 60 s as indicated in 24.4.

25.21 The markings on coils, reels, etc. of 2-conductor or 3-conductor flat 14 - 10 AWG Type NM-B cables that comply with 4.5 - 4.7, or on the tags attached thereto, may include the statement "also for use as Type NMC-B cable" if the added statement is separated from (and preferably follows) the items of required marking indicated in 25.15.

BSR/UL 842

Proposals

25 ~~10-Day~~ Moist Ammonia-Air Stress Cracking Test

25.1 After being subjected to the conditions described in 25.2 - 25.4, a pressure confining brass part containing more than 15 percent zinc shall; ~~show no evidence of cracking when examined using 25X magnification.~~

a) Show no evidence of cracking, delamination, or degradation, or

b) Perform as intended when tested as described in 25.4.

25.2 ~~Each~~ One test sample of each size is to be subjected to the physical stresses normally imposed on or within a part as the result of assembly with other components. ~~Such stresses are to be applied to the sample prior to and maintained during the test.~~ Samples with female tapered pipe threads, intended to be used for installing the product in the field are to have the threads engaged and tightened to the torque specified in Table 12.1. Samples with female threads other than tapered pipe threads shall be torqued as specified by the manufacture. Teflon tape or pipe compound are not to be used on ~~the~~ any threads. Samples with male threads are evaluated as received.

25.3.1 The sample is to be subjected to the external leakage test, Section 12, before being subjected to the ammonia.

25.3 ~~Three~~ The samples are ~~to be degreased and then continuously exposed in a set position for ten days to a moist ammonia-air mixture maintained in a glass chamber 12 by 12 by 12 inches (305 by 305 by 305 mm) having a glass cover~~ then to be tested in accordance with Apparatus, Section 6, Reagents and Materials, Section 7, Test Media, Section 8, Test Sample Preparation (9.3 – 9.4), Test Procedure (10.1 – 10.4) of the Standard Test Method for Ammonia Vapor Test for Determining Susceptibility to Stress Corrosion Cracking in Copper Allows, ASTM B858-06, except the pH level of the test solution shall be High 10.5 +/- 0.1 and the exposure temperature shall be 25 +/- 1 ºC.

25.4 ~~Six hundred milliliters (20.29 oz) of aqueous ammonia having a specific gravity of 0.94 is to be maintained at the bottom of the glass chamber below the samples. The samples are to be positioned 1-1/2 inches (38.1 mm) above the aqueous ammonia solution and supported by an inert tray. The moist ammonia-air mixture in the chamber is to be maintained at atmospheric pressure and at a temperature of 34 ±2°C (93.2 ±4°F).~~

25.5 After the exposure period, the samples are to be examined for cracks or other signs of stress corrosion using a microscope having a magnification of 25X. Operating parts exhibiting degradation as indicated in 25.1 as a result of the test exposure described in 25.2 and 25.3 shall withstand, without leakage or rupture, a hydrostatic test pressure of five times the rated pressure of the valve, for 1 minute.

BSR/UL 2335

3.3.5 Flame propagation during the test is to be observed and the times at which the flame breaches any side of the array for a duration of 30 continuous seconds areto be recorded as referenced in Table 5.1.

Table 5.1

Acceptance criteria

Test	Description	Acceptance criteria			
		Method A (2 x 3 array)		**Method B (2 x 7 array)**	
Idle Pallet Storage Test	Number of activated sprinklers	6 or less		6 or less	
	Steel angle temperature	Maximum 1 minute average to be less than 200°F (93°C)		Maximum 1 minute average to be less than 200°F (93°C)	
	Time for 30 s of continuous flame breach at each side of the array after ignition	Vertical Plane A, see Figure 3.1	Vertical Plane B, see Figure 3.1	Vertical Plane A, see Figure 3.1.1	Vertical Plane B, see Figure 3.1.1
		Greater than 7 minutes	Greater than 7 minutes[a]	Greater than 7 minutes	Greater than 30 minutes[a] (test duration)
Commodity storage test	Commodity classification	The average rank of the three tests shall not be greater than 2.25.			
	Stack stability	The test commodity shall not fall outside the rack storage array for the first 10 minutes after the application of the water.			

[a] In addition to flame spread for entire vertical plane B, temperatures measured at the vertical end plane of the longitudinal flue space shall be less than 1112°F (600°C) for the duration specified (see 3.3.5.1).