

Comment Deadline: January 2, 2011

NSF (NSF International)

Revisions

BSR/NSF 41-201x (i41r2), Non-liquid saturated treatment systems (revision of ANSI/NSF 41-2005)

Issue 41 - Revision 2: Updates the normative references.

[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.)

New National Adoptions

BSR/UL 60079-11-201x, Standard for Safety for Explosive Atmospheres - Part 11: Equipment Protection by Intrinsic Safety "i" (Proposal dated 12-03-10) (national adoption with modifications and revision of ANSI/UL 60079-11-2009)

Provides revisions to 7.5.3 for the UL 60079-11 proposals, dated

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

Send comments (with copy to BSR) to: Vickie Hinton, (919) 549-1851, vickie.t.hinton@us.ul.com

Revisions

BSR/UL 687-201x, Standard for Safety for Burglary Resistant Safes (Proposals dated 12-3-10) (revision of ANSI/UL 687-2010)

- (1) Revises the one-inch-thick steel equivalency parameters in 5.1.5, 6.1.5, and 9.1.5; and
- (2) Deletes the Water Flow Test parameters for torch and explosives rated safes, Section 14.

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

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

BSR/UL 913-201x, Standard for Safety for Intrinsically Safe Apparatus and associated Apparatus for Use in Class I, II, and III, Division 1, Hazardous (Classified) Locations (Proposal dated 12/03/10) (revision of ANSI/UL 913-2008)

The proposals include:

- (1) Revisions to incorporate requirements in the 2009 Edition of UL 60079-11;
- (2) Revisions to the battery requirement;
- (3) Addition of requirements for photovoltaic modules; and
- (4) Addition of requirements for single fault intrinsic safety with reliability assessment.

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

Send comments (with copy to BSR) to: Vickie Hinton, (919) 549-1851, vickie.t.hinton@us.ul.com

BSR/UL 2267-201x, Standard for Fuel Cell Power Systems for Installation in Industrial Electric Trucks (revision of ANSI/UL 2267-2006)

Provides revisions to the fuel containment and refueling system requirements to reflect new design trends and technologies for fuel cell-powered industrial trucks.

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

Send comments (with copy to BSR) to: Susan Malohn, (847) 664-1725, Susan.P.Malohn@us.ul.com

Comment Deadline: January 17, 2011

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoptions

BSR/AAMI/ISO 14708-6-201x, Implants for surgery - Active implantable medical devices - Part 6: Particular requirements for active implantable medical devices intended to treat tachyarrhythmia (including implantable defibrillators) (national adoption with modifications of ISO 14708-6:2010)

Specifies requirements that are applicable to implantable cardioverter defibrillators and the functions of active implantable medical devices intended to treat tachyarrhythmia.

Single copy price: \$20.00 (Hardcopy)/Free (Electronic) [AMMI Members]; \$25 (list)

Obtain an electronic copy from: www.aami.org

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

Send comments (with copy to BSR) to: Jennifer Moyer, (703) 253-8274, JMoyer@aami.org

AIAA (American Institute of Aeronautics and Astronautics)

New Standards

BSR/AIAA S-119-201x, Flight Dynamics Model Exchange Standard (new standard)

Establishes definitions of the information and format used to exchange air vehicle simulations and validation data between disparate simulation facilities. The standard includes a detailed convention for representing simulation variables. The purpose of this is to unambiguously describe all variables within the model when it is exchanged between two simulation customers or facilities. The standard includes capabilities for a model to be self-validating and self-documenting, with the provenance of a model's components included within the model and transferred with it.

Single copy price: \$104.94

Obtain an electronic copy from: www.aiaa.org

Send comments (with copy to BSR) to: Amy Barrett, 703-264-7546, AmyB@aiaa.org

AIHA (ASC Z9) (American Industrial Hygiene Association)

New Standards

BSR/AIHA Z9.4-201x, Abrasive-Blasting Operations - Ventilation and Safe Practices for Fixed Location Enclosures (new standard)

Applies to all operations in fixed-location abrasive-blast enclosures in which an abrasive forcibly comes in contact with a surface by pneumatic or hydraulic pressure or by centrifugal force. This standard shall not apply to steam blasting, steam cleaning, or hydraulic cleaning methods in which work is done without the aid of abrasives. It also shall not apply to abrasive blasting conducted outdoors (e.g., bridges, water towers) even though temporary enclosures may be built at such locations.

Single copy price: Free

Obtain an electronic copy from: mmavely@aiha.org

Order from: Mili Mavely, (703) 846-0794, mmavely@aiha.org

Send comments (with copy to BSR) to: Same

ASABE (American Society of Agricultural and Biological Engineers)

New Standards

BSR/ASABE S600-201x, Manually Handled Collapsible Reusable Plastic Containers for Handling of Fruits and Vegetables (new standard)

Provides uniform design and performance specifications for a manually handled collapsible reusable plastic container for handling fresh horticultural produce during postharvest processing, storage, and transportation.

Single copy price: \$48.00

Obtain an electronic copy from: vangilder@asabe.org

Order from: Carla VanGilder, (269) 932-7015, vangilder@asabe.org

Send comments (with copy to BSR) to: Same

ASC X9 (Accredited Standards Committee X9, Incorporated)

New Standards

BSR X9.100-182-201x, Bulk Image and Data Schema (new standard)

Organizations receiving images from multiple sources generally are not equipped to recognize all the images received because vendors use diverse image compression and image file formats. This media-based image exchange format will standardize the export and import of image data regardless of what type of hardware/software was used to capture, store or export the images.

Single copy price: \$60.00

Obtain an electronic copy from: isabel.baileyx9@verizon.net

Order from: Isabel Bailey, (410) 267-7707, isabel.baileyx9@verizon.net

Send comments (with copy to BSR) to: Same

ASME (American Society of Mechanical Engineers)

Revisions

BSR/ASME B31.9-201x, Building Services Piping (revision of ANSI/ASME B31.9-2008)

This Code Section has rules for the piping in industrial, institutional, commercial, and public buildings, and multi-unit residences, which does not require the range of sizes, pressures, and temperatures covered in B31.1. This Code prescribes requirements for the design, materials, fabrication, installation, inspection, examination, and testing of piping systems for building services. It includes piping systems in the building or within the property limits.

Single copy price: Free

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

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

Send comments (with copy to BSR) to: Adam Maslowski, (212) 591-8017, maslowskia@asme.org

BSR/ASME BPVC Section II-201x, Part A - Ferrous Material Specifications; Part B - Nonferrous Material Specifications; Part D - Materials Properties (revision of ANSI/ASME BPVC Section II-2010)

Section II of the Boiler and Pressure Vessel Code provides material specifications for base metallic and for non-metallic materials (except concrete and fiber-reinforced plastics under the scope of Section X) and material design values and limits and cautions on the use of materials.

Single copy price: Free

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

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

Send comments (with copy to BSR) to: Noel Lobo, (212) 591-8460, lobon@asme.org

AWS (American Welding Society)

Revisions

BSR/AWS B5.5-201x, Specification for the Qualification of Welding Educators (revision of ANSI/AWS B5.5-2000)

Defines the requirements and program to qualify Welding Educators. The qualification of a Welding Educator is determined by a combination of education and experience, satisfactory demonstration of welding performance qualification tests, and written and practical examinations. The written examination demonstrates the educators' knowledge of welding process, weld discontinuities, destructive and nondestructive test methods, safety, welding metallurgy, weld symbols, basic arithmetic, codes, and other standards.

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

Describes bolted, split-sleeve couplings (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 coupling sizes from 3/4 in. (20 mm) through 144 in. (3,600 mm).

Single copy price: \$20.00

Obtain an electronic copy from: llobb@awwa.org

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

Send comments (with copy to BSR) to: Same

CEA (Consumer Electronics Association)

Revisions

BSR/CEA/CEDIA 2030-A-201x, Multi Room Audio Cabling Standard (revision and redesignation of ANSI/CEA 2030-2005)

Defines cabling and connectors for use in distributing analog and digital audio signals throughout a home. This multi-room audio standard covers stereo content (either summed or two channels) only.

Single copy price: \$76.00

Obtain an electronic copy from: <http://global.ihs.com>

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

Send comments (with copy to BSR) to: Catrina Akers, (703) 907-7060, cakers@ce.org

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

BSR Z21.1a-201x, Household Cooking Gas Appliances (revision of ANSI Z21.1-2005 (R2010); ANSI Z21.1a-2007 (R2010); and ANSI Z21.1b-2008 (R2010))

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

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

Single copy price: \$50.00

Obtain an electronic copy from: cathy.rake@csa-america.org

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

Send comments (with copy to BSR) to: Same

BSR Z83.7-201x, Gas-Fired Construction Heaters (same as CSA 2.14) (revision of ANSI Z83.7-2000 (R2010))

Details test and examination criteria for construction heaters for use with natural and liquefied petroleum gases. A construction heater is primarily intended for temporary use in heating buildings or structures under construction, alteration or repair. All products of combustion are released into the area being heated.

Single copy price: \$50.00

Obtain an electronic copy from: cathy.rake@csa-america.org

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

Send comments (with copy to BSR) to: Same

IAPMO (ASC Z124) (International Association of Plumbing & Mechanical Officials)**Revisions**

BSR/IAPMO Z124-200x/CSA B45.5-201x, Plastic Plumbing Fixtures (revision, redesignation and consolidation of ANSI/IAPMO Z124/CSA B45.5)

Covers physical requirements and test methods for performance pertaining to structure, water resistance, chemical/stain resistance, ignition testing, cleanability, and other significant properties, in addition to general requirements of materials, workmanship and finish of plastic plumbing fixtures. While this standard covers the performance requirements of plastic plumbing fixtures and describes those performance requirements in terms of methods of test applicable to all such units, a number of different materials and methods of manufacture shall be permitted to be used to meet the requirements.

Single copy price: Free

Obtain an electronic copy from: maribel.campos@iapmort.org

Order from: Maribel Campos, (909) 472-4106, maribel.campos@iapmort.org

Send comments (with copy to BSR) to: Same

ISA (ISA)**Reaffirmations**

BSR/ISA 50.00.01-1975 (R201x), Compatibility of Analog Signals for Electronic Industrial Process Instruments (reaffirmation of ANSI/ISA 50.00.01-1975 (R2002))

Applies to analog dc signals used in process control and monitoring systems to transmit information between subsystems or separated elements of systems. Its purpose is to provide for compatibility between the several subsystems or separated elements of given systems.

Single copy price: \$39.90

Obtain an electronic copy from: ebeattie@isa.org

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

Send comments (with copy to BSR) to: Same

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

BSR INCITS/ISO 19143-201x, Geographic information - Filter encoding (identical national adoption of ISO 19143:2010)

Describes an XML and KVP encoding of a system-neutral syntax for expressing projections, selection, and sorting clauses collectively called a query expression. These components are modular and intended to be used together or individually by other International Standards that reference ISO 19143:2010. ISO 19143:2010 defines an abstract component, named `AbstractQueryExpression`, from which other specifications can subclass concrete query elements to implement query operations.

Single copy price: \$193.00

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

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

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

NEMA (ASC C136) (National Electrical Manufacturers Association)**Revisions**

BSR C136.19-201x, Roadway and Area Lighting Equipment - High-Pressure Sodium and Retrofit High-Pressure Sodium Lamps for Mercury Ballasts - Guide for Selection (revision of ANSI C136.19-2004 (R2009))

Covers the selection of high-pressure sodium lamps recommended for use in roadway and area lighting equipment.

Single copy price: \$33.00

Obtain an electronic copy from: alex.boesenberg@nema.org

Order from: Alex Boesenberg, (703) 841-3268, alex.boesenberg@nema.org

Send comments (with copy to BSR) to: Same

NSF (NSF International)**Revisions**

BSR/NSF 50-201x (i57), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2010)

Issue 57: Adds an optional evaluation criteria and testing method for the evaluation of pumps for energy efficiency. This is the third ballot of this issue; this version addresses issues and incorporates improvements that were suggested during the previous ballot sessions in 2009, 2010 and as discussed at the 2010 NSF 50 JC meeting. Based on feedback received during previous ballots the sound emission testing has been removed - this ballot is only to add the CEC requirements.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/download.php/10337/50i57_r3.pdf

Order from: Adrienne O'Day, (734) 827-5676, oday@nsf.org

Send comments (with copy to BSR) to: Same

TCNA (ASC A108) (Tile Council of North America)**Revisions**

BSR A118.1-201x, Specifications for Dry-Set Portland Cement Mortar (revision of ANSI A118.1-1999 (R2005))

Describes the test methods and minimum requirements for dry-set Portland cement mortar.

Single copy price: \$39.90

Obtain an electronic copy from: ksnipes@tileusa.com

Order from: Kathy Snipes, (864) 646-8453 ext.108, ksnipes@tileusa.com

Send comments (with copy to BSR) to: Same

Reaffirmations

BSR A108.1b-1999 (R201x), Installation of Ceramic Tile on a Cured Portland Cement Mortar Setting Bed with Dry-Set or Latex-Portland Cement Mortar (reaffirmation of ANSI A108.1b-1999 (R2005))

Explains the requirements of installing tile on the mortar bed once it has been cured. There is not much detail; it refers to the flatness of the cured mortar bed.

Single copy price: \$39.90

Obtain an electronic copy from: ksnipes@tileusa.com

Order from: Kathy Snipes, (864) 646-8453 ext.108, ksnipes@tileusa.com

Send comments (with copy to BSR) to: Same

BSR A108.1C-1999 (R201x), Contractor's Option: Installation of ceramic tile in the Wet-Set Method with Portland Cement Mortar or Installation of Ceramic tile on a Cured Portland Cement Mortar Setting Bed with Dry-Set or Latex-Portland Cement Mortar (reaffirmation of ANSI A108.1C-1999 (R2005))

Gives the contractor the ability to select either A108.1A or A108.1B.

Single copy price: \$39.90

Obtain an electronic copy from: ksnipes@tileusa.com

Order from: Kathy Snipes, (864) 646-8453 ext.108, ksnipes@tileusa.com

Send comments (with copy to BSR) to: Same

BSR A108.5-1999 (R201x), Installation of Ceramic Tile with Dry-Set Portland Cement Mortar or Latex-Portland Cement Mortar (reaffirmation of ANSI A108.5-1999 (R2005))

Explains the guidelines for dry-set portland cement mortars, including the proper method for using the trowel, mixing the mortar, and setting the tiles into the mortar. This standard also provides guidelines for adequate coverage for different applications.

Single copy price: \$39.90

Obtain an electronic copy from: ksnipes@tileusa.com

Order from: Kathy Snipes, (864) 646-8453 ext.108, ksnipes@tileusa.com

Send comments (with copy to BSR) to: Same

BSR A108.6-1999 (R201x), Installation of Ceramic Tile with Chemical Resistant, Water Cleanable Tile-Setting and -Grouting Epoxy (reaffirmation of ANSI A108.6-1999 (R2005))

Explains the guidelines for dry-set portland cement mortars, including the proper method for using the trowel, mixing the mortar, and setting the tiles into the mortar. This standard also provides guidelines for adequate coverage for different applications.

Single copy price: \$39.90

Obtain an electronic copy from: ksnipes@tileusa.com

Order from: Kathy Snipes, (864) 646-8453 ext.108, ksnipes@tileusa.com

Send comments (with copy to BSR) to: Same

BSR A108.8-1999 (R201x), Installation of Ceramic Tile with Chemical Resistant Furan Resin Mortar and Grout (reaffirmation of ANSI A108.8-1999 (R2005))

Describes the minimum requirements for installing ceramic tile using furan resin mortar and grout including special preparation requirements needed for furan mortars. In addition to a description of special tools, there are instructions regarding the need to protect the face of the tile from the furan grout.

Single copy price: \$39.90

Obtain an electronic copy from: ksnipes@tileusa.com

Order from: Kathy Snipes, (864) 646-8453 ext.108, ksnipes@tileusa.com

Send comments (with copy to BSR) to: Same

BSR A108.9-1999 (R201x), Installation of Ceramic Tile with Modified Epoxy Emulsion Mortar/Grout (reaffirmation of ANSI A108.9-1999 (R2005))

Gives the requirements for installing tile using epoxy emulsion mortar and grout and includes some details about epoxies such as cleaning the tile right away if mortar gets on the face of the tile, instructions about the 48 hour wait prior to grouting tiles set with epoxy, and that this method is not designed for chemical resistance.

Single copy price: \$39.90

Obtain an electronic copy from: ksnipes@tileusa.com

Order from: Kathy Snipes, (864) 646-8453 ext.108, ksnipes@tileusa.com

Send comments (with copy to BSR) to: Same

BSR A108.10-1999 (R201x), Installation of Grout in Tilework (reaffirmation of ANSI A108.10-1999 (R2005))

Outlines the requirements for installation of the different types of grout, including preparation of the grout joints and techniques for grouting, etc.

Single copy price: \$39.90

Obtain an electronic copy from: ksnipes@tileusa.com

Order from: Kathy Snipes, (864) 646-8453 ext.108, ksnipes@tileusa.com

Send comments (with copy to BSR) to: Same

BSR A108.12-1999 (R201x), Installation of ceramic Tile with EGP (Exterior Glue Plywood) Latex-Portland Cement Mortar (reaffirmation of ANSI A108.12-1999 (R2005))

Includes instructions on the installation of ceramic tile on Exterior or Exposure 1 plywood under different applications using EGP Latex-portland cement mortar. The standard identifies which types of substrates (wood) may be used in which applications, etc.

Single copy price: \$39.90

Obtain an electronic copy from: ksnipes@tileusa.com

Order from: Kathy Snipes, (864) 646-8453 ext.108, ksnipes@tileusa.com

Send comments (with copy to BSR) to: Same

BSR A108.13-2005 (R201x), Installation of Load Bearing, Bonded, Waterproof Membranes for Thin-Set Ceramic Tile and Dimension Stone (reaffirmation of ANSI A108.13-2005)

Gives a brief set of guidelines for ceramic tile installations that will incorporate some type of membrane.

Single copy price: \$39.90

Obtain an electronic copy from: ksnipes@tileusa.com

Order from: Kathy Snipes, (864) 646-8453 ext.108, ksnipes@tileusa.com

Send comments (with copy to BSR) to: Same

BSR A108.15-2005 (R201x), Alternate Method: Installation of Paper-Faced Mosaic Tile (reaffirmation of ANSI A108.15-2005)

Provides a guideline for paper-faced glass mosaic tile installed over Portland cement mortar beds, cured a minimum of seven days, and cementitious backer units (CBUs) using manufacturer-recommended ANSI A118.4 thin-sets combined with back buttering the sheets with grout during the installation process.

Single copy price: \$39.90

Obtain an electronic copy from: ksnipes@tileusa.com

Order from: Kathy Snipes, (864) 646-8453 ext.108, ksnipes@tileusa.com

Send comments (with copy to BSR) to: Same

BSR A108.16-2005 (R201x), Installation of Paper-Faced, Back-Mounted, Edge-Mounted or Clear Film Face-Mounted Glass Mosaic Tile (reaffirmation of ANSI A108.16-2005)

Provides a guideline for installing paper-faced, back-mounted, edge-mounted, or clear-film face-mounted glass mosaic tile, 3/16 in. and thicker, using the direct bond method over Portland cement mortar beds, cured seven days minimum, and cementitious backer units (CBUs).

Single copy price: \$39.90

Obtain an electronic copy from: ksnipes@tileusa.com

Order from: Kathy Snipes, (864) 646-8453 ext.108, ksnipes@tileusa.com

Send comments (with copy to BSR) to: Same

BSR A108.17-2005 (R201x), Installation of Crack Isolation Membranes for Thin-Set Ceramic Tile and Dimension Stone (reaffirmation of ANSI A108.17-2005)

Provides a guideline for installing crack isolation membranes that comply with ANSI A118.12.

Single copy price: \$39.90

Obtain an electronic copy from: ksnipes@tileusa.com

Order from: Kathy Snipes, (864) 646-8453 ext.108, ksnipes@tileusa.com

Send comments (with copy to BSR) to: Same

BSR A118.5-1999 (R201x), Specifications for Chemical Resistant Furan Mortars and Grouts for Tile Installation (reaffirmation of ANSI A118.5-1999 (R2005))

Describes the test methods to determine the properties of chemical resistant furan mortars and grouts such as workability, viscosity, and various properties as outlined in table which contains the minimum required values when the material is tested using various ASTM tests.

Single copy price: \$39.90

Obtain an electronic copy from: ksnipes@tileusa.com

Order from: Kathy Snipes, (864) 646-8453 ext.108, ksnipes@tileusa.com

Send comments (with copy to BSR) to: Same

BSR A118.8-1999 (R201x), Specifications for Modified Epoxy Emulsion Mortar/Grout (reaffirmation of ANSI A118.8-1999 (R2005))

Describes the test methods and minimum requirements for modified epoxy emulsion mortar/grout. These mortars and grouts tend to have better chemical resistance than organic adhesives, but are not intended to meet A118.3. The tests and physical properties outlined include water-cleanability, bond strength, shear strength of the mortars, compressive and flexural strength, etc.

Single copy price: \$39.90

Obtain an electronic copy from: ksnipes@tileusa.com

Order from: Kathy Snipes, (864) 646-8453 ext.108, ksnipes@tileusa.com

Send comments (with copy to BSR) to: Same

BSR A118.9-1999 (R201x), Specifications for Test Methods and Specifications for Cementitious Backer Units (CBUs) (reaffirmation of ANSI A118.9-1999 (R2005))

Gives references to the test methods and minimum requirements for CBUs. These are listed in a table and include the values for shear bond strength, flexural strength, squareness, thickness variation, etc.

Single copy price: \$39.90

Obtain an electronic copy from: ksnipes@tileusa.com

Order from: Kathy Snipes, (864) 646-8453 ext.108, ksnipes@tileusa.com

Send comments (with copy to BSR) to: Same

BSR A118.11-1999 (R201x), Specifications for EGP (Exterior Glue Plywood) Latex-Portland Cement Mortar (reaffirmation of ANSI A118.11-1999 (R2005))

Provides the test methods and minimum physical property requirements for EGP mortar with latex. Properties include shear strength at various stages, and the types of plywood for testing are also described. The latex may be added to the mortar as an additive and doesn't have to be in powder form.

Single copy price: \$39.90

Obtain an electronic copy from: ksnipes@tileusa.com

Order from: Kathy Snipes, (864) 646-8453 ext.108, ksnipes@tileusa.com

Send comments (with copy to BSR) to: Same

TIA (Telecommunications Industry Association)

Revisions

BSR/TIA 102.AABF-C-201x, Link Control Word Formats and Messages (revision of ANSI/TIA 102.AABF-B-2009)

Provides information that is necessary to define the formats and messages for the Link Control Words for both conventional and trunking operation. Link Control Words are code words that encode 9 octets of information. They may be embedded within voice messages or separated into voice terminators, as defined in the Project 25 FDMA Common Air Interface, reference 1.

Single copy price: \$55.00

Obtain an electronic copy from: <http://global.ihs.com>

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

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

BSR/TIA 631-B-201x, Telecommunications - Telephone Terminal Equipment - Radio Frequency Immunity Requirements (revision of ANSI/TIA 631-A-2002)

Specifies Radio Frequency (RF) immunity performance criteria for two-wire Telephone Terminal Equipment (TTE) having an acoustic output and two-wire TTE adjunct devices with connection port for Telephone Terminal Equipment (TTE) having an acoustic output. Acoustic output requirements are only defined for TTE having a handset normally held to the ear of the user, but guidance on extending the requirements to TTE having other types of acoustic outputs, such as speakerphones, answering systems and telephones with headsets, is provided in an informative annex.

Single copy price: \$44.00

Obtain an electronic copy from: <http://global.ihs.com>

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

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

Addenda

BSR/TIA 102.AABC-C-1-201x, Trunking Control Channel Messages Addendum (addenda to ANSI/TIA 102.AABC-C-2009)

Updates the information contained in TIA-102.AABC-C, "Trunking Control Channel Messages". This addendum defines the trunking control channel message changes required to support Project 25 Phase 2 Two-slot TDMA air interface for digital trunked radio systems.

Single copy price: \$44.00

Obtain an electronic copy from: <http://global.ihs.com>

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

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

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

BSR/UL 444-201x, Standard for Communication Cables (revision of ANSI/UL 444-2010b)

Covers:

- (1) Addition of ripcords; and
- (2) Revision of "outdoor" requirements.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

BSR/UL 499-201x, Standard for Electric Heating Appliances (revision of ANSI/UL 499-2009)

Covers:

- (3) Special-use detachable supply cords for use with specific products.

Single copy price: Contact comm2000 for pricing and delivery options

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

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Send comments (with copy to BSR) to: Amy Walker, (847) 664-2023, Amy.K.Walker@us.ul.com

BSR/UL 746B-201x, Standard for Safety for Polymeric Materials - Long Term Property Evaluations (revision of ANSI/UL 746B-2010)

The following changes in requirements to the Standard for Polymeric Materials - Long term Property Evaluations, UL 746B, are being proposed:

- (1) Clarification to UL 746B on Mechanical Impact for Elastomers.

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

Order from: comm2000

Send comments (with copy to BSR) to: Raymond Suga, (631) 546-2593, Raymond.M.Suga@us.ul.com

BSR/UL 1278-201x, Standard for Movable and Wall- or Ceiling-Hung Electric Room Heaters (revision of ANSI/UL 1278-2010a)

Covers:

- (1) Automatic electrical controls for household and similar use;
- (2) Deletion of obsolete asbestos wire and reference to asbestos material;
- (3) Cord label warning size and information;
- (4) Deletion of Appendix B;
- (5) Clarification of production leakage test;
- (6) Correction to Table 39.1; and
- (7) Clarification of requirements regarding extension cords.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

Reaffirmations

BSR/UL 385-2006 (R201x), Standard for Safety for Play Pipes for Water Supply Testing in Fire Protection (reaffirmation and redesignation of ANSI/UL 385-2006)

Covers play pipes for testing of water supplies for fire protection service.

Single copy price: \$39.90

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

Order from: comm2000

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

Comment Deadline: February 1, 2011

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

ASME (American Society of Mechanical Engineers)**Revisions**

BSR/ASME PTC 18-201x, Hydraulic Turbines and Pump - Turbines (revision of ANSI/ASME PTC 18-2002)

Applies to all sizes and types of hydraulic turbines or pump-turbines. This standard defines methods for ascertaining performance by measuring flow rate (discharge), head, and power, from which efficiency may be determined.

Single copy price: Free

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

Send comments (with copy to BSR) to: George Osolsobe, (212) 591-8554, osolsobeg@asme.org

UL (Underwriters Laboratories, Inc.)**New Standards**

BSR/UL 1370-201x, Standard for Safety for Unvented Alcohol Fuel Burning Decorative Appliances (new standard)

Proposes the First Edition for the Standard for Unvented Alcohol Fuel Burning Decorative Appliances, UL 1370.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

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:

CEA (Consumer Electronics Association)

BSR/CEA PN-4953 (ANSI/CEA 818-B), Cable Compatibility Requirements (new standard)

UL (Underwriters Laboratories, Inc.)

BSR/UL 1678-201x, Standard for Safety for Household, Commercial, and Professional-Use Carts and Stands for Use with Audio/Video Equipment (revision of ANSI/UL 1678-2003 (R2008))

30 Day Notice of Withdrawal: ANS 5 to 10 years past approval date

In accordance with clause 4.7.1 Periodic Maintenance of American National Standards of the ANSI Essential Requirements, the following American National Standards have not been reaffirmed or revised within the five-year period following approval as an ANS. Thus, they shall be withdrawn at the close of this 30-day public review notice in Standards Action.

ANSI/ASTM D2520-2001, Test Methods for Complex Permittivity (Dielectric Constant) of Solid Electrical Insulating Materials at Microwave Frequencies and Temperature to 1, 650°C

Call for Comment Contact Information

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

Order from:

AAMI

Association for the Advancement
of Medical Instrumentation

4301 N Fairfax Drive
Suite 301
Arlington, VA 22203-1633
Phone: (703) 253-8274

Fax: (703) 276-0793
Web: www.aami.org

AIHA (ASC Z88)

American Industrial Hygiene
Association

2700 Prosperity Avenue, Suite 250
Fairfax, VA 22031
Phone: (703) 846-0794
Fax: (703) 207-8558
Web: www.aiha.org

ASABE

American Society of Agricultural
and Biological Engineers

2950 Niles Road
St Joseph, MI 49085
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Web: www.asabe.org

ASC X9

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ASME

American Society of Mechanical
Engineers

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New York, NY 10016
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Fax: (212) 591-8501
Web: www.asme.org

AWS

American Welding Society

550 N.W. LeJeune Road
Miami, FL 33126
Phone: (305) 443-9353
Fax: (305) 443-5951
Web: www.aws.org

AWWA

American Water Works
Association

6666 West Quincy Avenue
Denver, CO 80235
Phone: (303) 347-6178
Fax: (303) 795-7603
Web: www.awwa.org

comm2000

1414 Brook Drive
Downers Grove, IL 60515

CSA

CSA America, Inc.
8501 E. Pleasant Valley Rd.
Cleveland, OH 44131
Phone: (216) 524-4990
Fax: (216) 520-8979
Web: www.csa-america.org

Global Engineering Documents

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

IAPMO (ASC Z124)

International Association of
Plumbing & Mechanical Officials

5001 East Philadelphia Street
Ontario, CA 91761-2816
Phone: (909) 472-4106
Fax: 909-472-4244
Web: www.iapmo.org

ISA (Organization)

ISA-The Instrumentation, Systems,
and Automation Society

67 Alexander Drive
Research Triangle Park, NC
27709
Phone: (919) 990-9228
Fax: (919) 549-8288
Web: www.isa.org

NEMA (ASC C136)

National Electrical Manufacturers
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Fax: (703) 841-3368
Web: www.nema.org

NSF

NSF International
789 N. Dixboro Road
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Phone: (734) 827-5676
Fax: (734) 827-7880
Web: www.nsf.org

TCNA (ASC A108)

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100 Clemson Research Blvd.
Anderson, SC 29625
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AAMI

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AIAA

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AIHA (ASC Z88)

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Web: www.aiha.org

ASABE

American Society of Agricultural
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ASC X9

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Web: www.asme.org

AWS

American Welding Society

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Fax: (305) 443-5951

Web: www.aws.org

AWWA

American Water Works
Association

6666 West Quincy Avenue

Denver, CO 80235

Phone: (303) 347-6178

Fax: (303) 795-7603

Web: www.awwa.org

CEA

Consumer Electronics Association

1919 South Eads Street

Arlington, VA 22202

Phone: (703) 907-7060

Fax: (703) 907-5210

Web: www.ce.org

CSA

CSA America, Inc.

8501 E. Pleasant Valley Rd.

Cleveland, OH 44131

Phone: (216) 524-4990

Fax: (216) 520-8979

Web: www.csa-america.org

IAPMO (ASC Z124)

International Association of
Plumbing & Mechanical Officials

5001 East Philadelphia Street

Ontario, CA 91761-2816

Phone: (909) 472-4106

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Web: www.iapmo.org

ISA (Organization)

ISA-The Instrumentation, Systems,
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67 Alexander Drive

Research Triangle Park, NC

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Fax: (919) 549-8288

Web: www.isa.org

ITI (INCITS)

InterNational Committee for
Information Technology
Standards

1101 K Street NW, Suite 610

Washington, DC 20005

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Web: www.incits.org

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Web: www.tiaonline.org

UL

Underwriters Laboratories, Inc.

12 Laboratory Dr.

RTP, NC 27709

Phone: (919) 549-0973

Fax: (919) 316-5727

Web: www.ul.com/

Call for Members (ANS Consensus Bodies)

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

AAMI (Association for the Advancement of Medical Instrumentation)

Office: 4301 N Fairfax Drive
Suite 301
Arlington, VA 22203-1633

Contact: Jennifer Moyer

Phone: (703) 253-8274

Fax: (703) 276-0793

E-mail: JMoyer@aami.org

BSR/AAMI/ISO 14708-6-201x, Implants for surgery - Active implantable medical devices - Part 6: Particular requirements for active implantable medical devices intended to treat tachyarrhythmia (including implantable defibrillators) (national adoption with modifications of ISO 14708-6:2010)

ALI (ASC A14) (American Ladder Institute)

Office: 401 N. Michigan Avenue
Chicago, IL 60611

Contact: Janet Rapp

Phone: (312) 673-5769

Fax: (312) 673-6916

E-mail: jrapp@smithbucklin.com

BSR A14.7-201x, Ladder Stands and Mobile Ladder Stand Platforms (revision of ANSI A14.7-2006)

ALI (Automotive Lift Institute)

Office: 401 N. Michigan Avenue
Chicago, IL 60611

Contact: Janet Rapp

Phone: (312) 673-5769

Fax: (312) 673-6916

E-mail: jrapp@smithbucklin.com

BSR/A14.1-201x, Wood Ladders (revision of ANSI A14.1-2007)

ASQ (ASC Z1) (American Society for Quality)

Office: 600 N Plankinton
Milwaukee, WI 53203

Contact: Angela Harris

Phone: 800-248-1946

Fax: 414-272-1734

E-mail: standards@asq.org

BSR ASQ/ISO 7870-1-201x, Control charts - Part 1: General guidelines (identical national adoption of ISO 7870-1: 2007)

BSR ASQ/ISO 11462-1-201x, Guidelines for the implementation of statistical process control (SPC) - Part 1: Elements of SPC (identical national adoption of ISO 11462-1: 2001)

BSR ASQ/ISO 11462-2-201x, Guidelines for the implementation of statistical process control (SPC) - Part 2: Catalogue of tools and techniques (identical national adoption of ISO 11462-2: 2010)

BSR ASQ/ISO 11648-1-201x, Statistical aspects of sampling from bulk materials - Part 1: General principles (identical national adoption of ISO 11648-1:2003)

BSR ASQ/ISO 11648-2-201x, Statistical aspects of sampling from bulk materials - Part 2: Sampling of particulate materials (identical national adoption of ISO 11648-2: 2001)

BSR ASQ/ISO 18414-201x, Acceptance sampling procedures by attributes - Accept-zero sampling system based on credit principle for controlling outgoing quality (identical national adoption of ISO 18414: 2006)

BSR/ISO/ASQ S5479-200x, Statistical interpretation of data - Tests for departure from the normal distribution (identical national adoption of ISO 5479: 2007)

CEA (Consumer Electronics Association)

Office: 1919 South Eads Street
Arlington, VA 22202

Contact: Alayne Bell

Phone: (703) 907-5267

Fax: (703) 907-4194

E-mail: ABell@CE.org; Carce@CE.org

BSR/CEA 608-F-201x, Line 21 Data Services (new standard)

BSR/CEA/CEDIA 2030-A-201x, Multi Room Audio Cabling Standard (revision and redesignation of ANSI/CEA 2030-2005)

IAPMO (ASC Z124) (International Association of Plumbing & Mechanical Officials)

Office: 5001 East Philadelphia Street
Ontario, CA 91761-2816

Contact: *Maribel Campos*

Phone: (909) 472-4106

Fax: 909-472-4244

E-mail: maribel.campos@iapmort.org

BSR/IAPMO Z124-200X/CSA B45.5-201x, Plastic Plumbing Fixtures (revision, redesignation and consolidation of ANSI/IAPMO Z124/CSA B45.5)

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

Office: 1101 K Street NW, Suite 610
Washington, DC 20005

Contact: *Barbara Bennett*

Phone: (202) 626-5743

Fax: (202) 638-4922

E-mail: bbennett@itic.org

BSR INCITS/ISO/IEC 14165-133-201x, Information technology - Fibre Channel - Part 133: Switch Fabric-3 (FC-SW-3) (identical national adoption of ISO/IEC 14165-133:2010)

BSR INCITS/ISO/IEC 14165-321-201x, Information technology - Fibre Channel -- Part 321: Audio-Video (FC-AV) (identical national adoption of ISO/IEC 14165-321:2009)

BSR INCITS/ISO/IEC 14165-331-201x, Information technology - Fibre Channel - Part 331: Virtual Interface (FC-VI) (identical national adoption of ISO/IEC 14165-331:2007)

BSR INCITS/ISO/TS 19130-201x, Geographic information - Imagery sensor models for geopositioning (identical national adoption of ISO/TS 19130:2010)

BSR INCITS/ISO 19143-201x, Geographic information - Filter encoding (identical national adoption of ISO 19143:2010)

NAAMM (National Association of Architectural Metal Manufacturers)

Office: 800 Roosevelt Road Building C, Suite 312
Glen Ellyn, IL 60137

Contact: *Vernon Lewis*

Phone: (630) 942-6591

Fax: (630) 790-3095

E-mail: wlewis7@cox.net

BSR/NAAMM AMP 521-2001 (R201x), Pipe Railing Systems Manual (reaffirmation of ANSI/NAAMM AMP 521-2001)

BSR/NAAMM HMMA 866-2001 (R201x), Guide Specification for Stainless Steel Hollow Metal Doors and Frames (reaffirmation of ANSI/NAAMM HMMA 866-2001)

NEMA (ASC C136) (National Electrical Manufacturers Association)

Office: 1300 N. 17th Street
Suite 1752
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Contact: *Alex Boesenberg*

Phone: (703) 841-3268

Fax: (703) 841-3368

E-mail: alex.boesenberg@nema.org

BSR C136.19-201x, Roadway and Area Lighting Equipment - High-Pressure Sodium and Retrofit High-Pressure Sodium Lamps for Mercury Ballasts - Guide for Selection (revision of ANSI C136.19-2004 (R2009))

TIA (Telecommunications Industry Association)

Office: 2500 Wilson Blvd
Arlington, VA 22201

Contact: *Ronda Marrow*

Phone: (703) 907-7974

Fax: (703) 907-7727

E-mail: rcoulter@tiaonline.org

BSR/TIA 102.AABF-C-201x, Link Control Word Formats and Messages (revision of ANSI/TIA 102.AABF-B-2009)

BSR/TIA 102.AABC-C-1-201x, Trunking Control Channel Messages Addendum (addenda to ANSI/TIA 102.AABC-C-2009)

BSR/TIA 631-B-201x, Telecommunications - Telephone Terminal Equipment - Radio Frequency Immunity Requirements (revision of ANSI/TIA 631-A-2002)

BSR/TIA 942-A-201x, Telecommunications - Infrastructure Standard for Data Centers (revision of ANSI/TIA 942-2005)

Call for Members (ANS Consensus Bodies)

BSR/ULE WK092710-201x, Standard for Sustainability for Modular Data Centers - This standard establishes environmental and sustainability requirements for modular data centers and their components including servers, racks, interconnect, cooling, and power subsystems. The product environmental criteria in this standard were developed based on the life cycle stages of the associated products and systems. (new standard)

Tim Corder

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William.T.Corder@ulenvironment.com

BSR/ULE WK100730-201x, Standard for Sustainability for Handheld Consumer Electronic Products - This standard establishes sustainability requirements for handheld consumer electronic products, including but not limited to mobile phones, digital audio players, calculators, digital cameras, video games, e-readers, and GPS navigation systems. The product criteria in this standard are based on the life cycle stages of the associated products. (new standard)

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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.

AIIM (Association for Information and Image Management)

Reaffirmations

ANSI/AIIM MS23-2004 (R2010), Standard Recommended Practice - Production, Inspection, and Quality Assurance of First-Generation, Silver Microforms of Documents (reaffirmation of ANSI/AIIM MS23-2004): 12/1/2010

AMCA (Air Movement and Control Association)

New Standards

ANSI/AMCA 301-2006, Methods for Calculating Fan Sound Ratings from Laboratory Test Data (new standard): 8/3/2006

ASME (American Society of Mechanical Engineers)

Reaffirmations

ANSI B18.11-1961 (R2010), Miniature Screws (reaffirmation of ANSI B18.11-1961 (R2005)): 11/29/2010

ANSI/ASME B18.5.2.2M-1982 (R2010), Bolts, Metric Round Head Square Neck (reaffirmation of ANSI/ASME B18.5.2.2M-1982 (R2005)): 11/29/2010

ANSI/ASME B18.8.100M-2000 (R2010), Spring Pins - Coiled Type, Spring Pins - Slotted, Machine Dowel Pins - Hardened Ground, and Grooved Pins (Metric Series) (reaffirmation of ANSI/ASME B18.8.100M-2000 (R2005)): 11/29/2010

ANSI/ASME B18.8.200M-2005 (R2010), Cotter Pins, Headless Clevis Pins, and Headed Clevis Pins (Metric Series) (reaffirmation of ANSI/ASME B18.8.200M-2005): 11/29/2010

ASTM (ASTM International)

New Standards

ANSI/ASTM E2782-2010, Guide for Measurement Systems Analysis (MSA) (new standard): 11/9/2010

Reaffirmations

ANSI/ASTM D2802-2003 (R2010), Specification for Ozone-Resistant Ethylene-Alkene Polymer Insulation (reaffirmation of ANSI/ASTM D2802-2003): 11/9/2010

ANSI/ASTM D3756-1997 (R2010), Test Method for Evaluation of Resistance to Electrical Breakdown by Treeing in Solid Dielectric Materials using Diverging Fields (reaffirmation of ANSI/ASTM D3756-1997 (R2004)): 11/9/2010

ANSI/ASTM D4313-2003 (R2010), Specification for General-Purpose, Heavy-Duty, and Extra-Heavy-Duty Crosslinked Chlorinated Polyethylene CM Jackets for Wire and Cable (reaffirmation of ANSI/ASTM D4313-2003): 11/9/2010

ANSI/ASTM D4363-1998 (R2010), Specification for Thermoplastic Chlorinated Polyethylene CM Jacket for Wire and Cable (reaffirmation of ANSI/ASTM D4363-1998 (R2003)): 11/9/2010

ANSI/ASTM D4470-1997 (R2010), Test Method for Static Electrification (reaffirmation of ANSI/ASTM D4470-1997 (R2004)): 11/9/2010

ANSI/ASTM D6777-2002 (R2010), Test Method for Relative Rigidity of Poly(Vinyl Chloride) (PVC) Siding (reaffirmation of ANSI/ASTM D6777-2002): 11/15/2010

Revisions

ANSI/ASTM D2304-2010, Test Method for Thermal Endurance of Rigid Electrical Insulating Materials (revision of ANSI/ASTM D2304-1997 (R2002)): 11/9/2010

ANSI/ASTM D2305-2010, Test Methods for Polymeric Films Used for Electrical Insulation (revision of ANSI/ASTM D2305-2002): 11/9/2010

ANSI/ASTM D2949-2010, Specification for 3.25-In. Outside Diameter Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings (revision of ANSI/ASTM D2949-2000 (R2008)): 11/15/2010

ANSI/ASTM D6343-2010, Test Methods for Thin Thermally Conductive Solid Materials for Electrical Insulation and Dielectric Applications (revision of ANSI/ASTM D6343-1999 (R2004)): 11/9/2010

ANSI/ASTM E105-2010, Practice for Probability Sampling of Materials (revision of ANSI/ASTM E105-1997): 11/9/2010

ANSI/ASTM F1504-2010, Specification for Folded Poly(Vinyl Chloride) (PVC) Pipe for Existing Sewer and Conduit Rehabilitation (revision of ANSI/ASTM F1504-2002): 11/15/2010

ANSI/ASTM F1947-2010, Practice for Installation of Folded Poly(Vinyl Chloride) (PVC) Pipe into Existing Sewers and Conduits (revision of ANSI/ASTM F1947-2004): 11/15/2010

CEA (Consumer Electronics Association)

New Standards

ANSI/CEA 909-B-2010, Antenna Control Interface (new standard): 12/2/2010

CSA (CSA America, Inc.)

Revisions

ANSI Z21.57-2010, Recreational Vehicle Cooking Gas Appliances (revision of ANSI Z21.57-2005 (R2010); ANSI Z21.57a-2007 (R2010); and ANSI Z21.57b-2008 (R2010)): 11/29/2010

HIBCC (Health Industry Business Communications Council)

Revisions

ANSI/HIBCC 3.1-2010, Positive Identification for Patient Safety; Part 1: Medication Delivery (revision and redesignation of ANSI/HIBCC 3.0-2008): 11/29/2010

INMM (ASC N15) (Institute of Nuclear Materials Management)

New Standards

ANSI N15.36-2010, Methods of Nuclear Material Control - Measurement Control Program - Nondestructive Assay Measurement Control and Assurance (new standard): 11/30/2010

ISA (ISA)

New Standards

ANSI/ISA 77.14.01-2010, Fossil Fuel Power Plant Steam Turbine Controls (new standard): 12/1/2010

Reaffirmations

ANSI/ISA 77.70.02-2005 (R2010), Fossil Fuel Power Plant Instrument Piping Installation (reaffirmation and redesignation of ANSI/ISA 77.70-2005): 12/1/2010

Revisions

ANSI/ISA 77.41.01-2010, Fossil Fuel Power Plant Boiler Combustion Controls (revision of ANSI/ISA 77.41.01-2005): 12/1/2010

NEMA (ASC C136) (National Electrical Manufacturers Association)**Reaffirmations**

ANSI C136.18-2006 (R2010), High-Mast Side-Mounted Luminaires for Horizontal- or Vertical-Burning High-Intensity Discharge Lamps (reaffirmation of ANSI C136.18-2006): 11/29/2010

Revisions

ANSI C136.26-2010, Troubleshooting Guide for HID Luminaires (revision of ANSI C136.26-2003 (R2009)): 11/29/2010

NEMA (National Electrical Manufacturers Association)**Revisions**

ANSI/NEMA OS 1-2010, Sheet-Steel Outlet Boxes, Device Boxes, Covers, and Box Supports (revision of ANSI/NEMA OS 1-2008): 11/29/2010

NSF (NSF International)**Revisions**

ANSI/NSF 173 -2010 (i31), Dietary Supplements (revision of ANSI/NSF 173-2009): 11/22/2010

TAPPI (Technical Association of the Pulp and Paper Industry)**New Standards**

ANSI/TAPPI T 200 sp-2010, Laboratory beating of pulp (Valley beater method) (new standard): 12/2/2010

ANSI/TAPPI T 213 om-2010, Dirt in pulp - Chart method (new standard): 12/2/2010

ANSI/TAPPI T 465 sp-xx, Static creasing of paper for water vapor transmission tests (new standard): 12/2/2010

ANSI/TAPPI T 546 om-2010, Machine-direction grammage variation measurement (gravimetric method) (new standard): 12/2/2010

ANSI/TAPPI T 1006 sp-2010, Testing of fiber glass mats: use of modified TAPPI procedures for sampling and lot acceptance, stiffness, tear resistance, air permeability, and thickness (new standard): 12/2/2010

ANSI/TAPPI T 1007 sp-2010, Sample location for fiber glass mat sheets (new standard): 12/2/2010

ANSI/TAPPI T 1008 sp-2010, Test conditions for fiberglass mat - Test methods (new standard): 12/2/2010

ANSI/TAPPI T 1009 om-2010, Tensile strength and elongation at break for fiber glass mats (new standard): 12/2/2010

ANSI/TAPPI T 1012 om-2010, Moisture content of fiber glass mats (new standard): 12/2/2010

TCNA (ASC A108) (Tile Council of North America)**New Standards**

ANSI A118.13-2010, Specifications for Bonded Sound Reduction Membranes for Thin-Set Ceramic Tile Installation (new standard): 11/29/2010

Revisions

ANSI A108.01-2010, General Requirements: Subsurfaces and Preparations by Other Trades (revision of ANSI A108.01-2005): 11/29/2010

ANSI A118.7-2010, Specifications for Polymer Modified Cement Grouts for Tile Installation (revision of ANSI A118.7-1999 (R2005)): 11/29/2010

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

ANSI/UL 6-2010, Standard for Safety for Electrical Rigid Metal Conduit - Steel (revision of ANSI/UL 6-2007): 11/30/2010

ANSI/UL 471-2010, Standard for Safety for Commercial Refrigerators and Freezers (revision of ANSI/UL 471-2009a): 11/24/2010

ANSI/UL 499-2010, Standard for Electric Heating Appliances (revision of ANSI/UL 499-2009a): 11/30/2010

ANSI/UL 561-2010a, Standard for Safety for Floor-Finishing Machines (Proposals dated 4/23/10) (revision of ANSI/UL 561-2009): 11/30/2010

ANSI/UL 561-2010, Standard for Safety for Floor-Finishing Machines (Proposals dated 4/23/10) (revision of ANSI/UL 561-2009): 11/30/2010

ANSI/UL 1004-7-2010a, Standard for Safety for Electronically Protected Motors (Proposal dated 8-6-10) (revision of ANSI/UL 1004-7-2010): 12/2/2010

ANSI/UL 1694-2010, Standard for Safety for Tests for Flammability of Small Component Materials (revision of ANSI/UL 1694-2005): 11/23/2010

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.

AA (ASC H35) (Aluminum Association)

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Rome, NY 13440

Contact: *Christina Earl*

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E-mail: cearl@esda.org

BSR ESD STM12.1-201x, Standard Test Method for the Protection of Electrostatic Discharge Susceptible Items - Seating - Resistive Measurements (revision of ANSI ESD STM12.1-1997 (R2006))

Stakeholders: Electronics Industry including telecom, consumers, medical, and industrial.

Project Need: To provide test methods for measuring the electrical resistance of seating used for the control of electrostatic charge.

Measures seating with resistances to a groundable point of 1.0×10^3 to 1.0×10^{10} ohms. The resistances considered here are measured from various components of the seating to a groundable point such as a conductive caster or a drag chain. Resistivity measurements are not within the scope or purpose of this standard.

ABYC (American Boat and Yacht Council)

Office: 613 Third Street, Suite 10
Annapolis, MD 21403

Contact: *John Adey*

Fax: (410) 990-4466

E-mail: jadey@abycinc.org

ANSI/ABYC P-24-201x, Electric/Electronic Propulsion Control Systems (new standard)

Stakeholders: Boat manufacturers, surveyors, trade organizations, insurance personnel, consumers.

Project Need: To identify safety issues with electric/electronic propulsion control systems.

Provides a guide for the design, construction, testing, and installation of systems for electric/electronic remote control of forward and reverse thrust, speed, and trim/tilt of propulsion machinery on boats.

BSR/ABYC P-27-201x, Electric/Electronic Steering Control Systems (new standard)

Stakeholders: Boat manufacturers, surveyors, trade organizations, insurance personnel, consumers.

Project Need: To identify safety issues with electric/electronic steering control systems.

Provides a guide for the design, construction, testing, and installation of systems for electric/electronic steering on boats.

AISI (American Iron and Steel Institute)

Office: 1140 Connecticut Avenue, NW
Suite 705
Washington, DC 20036

Contact: *Helen Chen*

Fax: (202) 452-1039

E-mail: hchen@steel.org; doates@steel.org

BSR/AISI S230-2007/S3-201x, Supplement 3 to Standard for Cold-Formed Steel Framing - Prescriptive Method for One and Two Family Dwellings, 2007 Edition (supplement to ANSI/AISI S230-2007)

Stakeholders: Cold-formed steel industry.

Project Need: To synchronize AISI S230 with the most current AISI and ASTM standards, and to allow the 2007 Edition of AISI S230 to be used in conjunction with the 2010 Edition of ASCE 7, Minimum Design Loads for Buildings and Other Structures.

Updates references to AISI and ASTM standards, and provides adjustments to the design wind loads in accordance with ASCE 7-10. Supplement 3 to AISI S230-07 would not replace Supplement 2 to AISI S230-07, but is intended to be used in conjunction with AISI S230-07 with Supplement 2 for one and two family dwellings that are designed in accordance with ASCE 7-10.

ALI (ASC A14) (American Ladder Institute)

Office: 401 N. Michigan Avenue
Chicago, IL 60611

Contact: *Janet Rapp*

Fax: (312) 673-6916

E-mail: jrapp@smithbucklin.com

BSR A14.5-201x, Portable Reinforced Plastic Ladders (revision of ANSI A14.5-2007)

Stakeholders: Ladder manufacturers, consumers, contractors, tradespeople.

Project Need: To meet the 5-year renewal cycle with updates and changes as appropriate.

Focuses on the unique properties of fiber-reinforced plastics. The use of fiber-reinforced plastics in ladders was particularly welcomed by electrical industry due to its non-conducting properties. As a result, it became necessary to develop a ladder safety standard recognizing its unique properties. The standard incorporated the results of continuing ongoing research and the continuing contributions of industry manufacturers, users, consultants, governmental agencies, and many other groups

BSR A14.7-201x, Ladder Stands and Mobile Ladder Stand Platforms (revision of ANSI A14.7-2006)

Stakeholders: Retailers, tradespeople, contractors.

Project Need: This revision is based on the 5-year renewal cycle.

Prescribes rules and requirements governing the proper design, construction, testing, care, use, and maintenance of mobile ladder stands and mobile ladder stand platforms. These are fixed height self-supporting units. Products identified in this standard are primarily used in the workplace, generally purchased to perform a specific task, and quite often remain in the same work area throughout their useful life. They are not intended to be broken down and rebuilt once initially constructed.

ALI (Automotive Lift Institute)

Office: 401 N. Michigan Avenue
Chicago, IL 60611

Contact: Janet Rapp

Fax: (312) 673-6916

E-mail: jrapp@smithbucklin.com

BSR A14.1-201x, Wood Ladders (revision of ANSI A14.1-2007)

Stakeholders: Ladder manufacturers, users, contractors,

Project Need: Based on the 5-year renewal cycle, which incorporates updates and necessary changes.

Defines the recommended procedures to produce wood ladders. The products meeting the standard will perform up to load limits that have large factors of safety and still use wood in reasonable strength to weight ratios. Species and grade information is included to assist the correct selection of raw material. The standard is one of the oldest in ANSI and is specific to only one product definition in its scope.

ASQ (ASC Z1) (American Society for Quality)

Office: 600 N Plankinton
Milwaukee, WI 53203

Contact: Angela Harris

Fax: 414-272-1734

E-mail: standards@asq.org

BSR ASQ/ISO 7870-1-201x, Control charts - Part 1: General guidelines (identical national adoption of ISO 7870-1: 2007)

Stakeholders: Companies, government agencies, individuals, organizations.

Project Need: This project is to adopt ISO 7870-1-2007 as an American National Standard.

Presents key elements and philosophy of the control chart approach, and identifies a wide variety of control charts (including those related to the Shewhart control chart and those stressing process acceptance or on-line process adjustment).

BSR ASQ/ISO 11462-1-201x, Guidelines for the implementation of statistical process control (SPC) - Part 1: Elements of SPC (identical national adoption of ISO 11462-1: 2001)

Stakeholders: Companies, government agencies, individuals, organizations.

Project Need: This project is to adopt ISO 11462-1-2001 as an American National Standard.

Statistical process control (SPC) concerns the use of statistical techniques and/or statistical or stochastic control algorithms to achieve one or more of the following objectives:

- (a) to increase knowledge about a process;
- (b) to steer a process to behave in the desired way; and
- (c) to reduce variation of final-product parameters, or in other ways improve performance of a process.

These guidelines give the elements for implementing an SPC system to achieve these objectives. The common economic objective of statistical process control is to increase good process outputs produced for a given amount of resource inputs.

BSR ASQ/ISO 11462-2-201x, Guidelines for the implementation of statistical process control (SPC) - Part 2: Catalogue of tools and techniques (identical national adoption of ISO 11462-2: 2010)

Stakeholders: Companies, government agencies, individuals, organizations.

Project Need: This project is to adopt ISO 11462-2:-2010 as an American National Standard.

Provides a catalogue of tools and techniques to help an organization in planning, implementation and evaluation of an effective statistical process control (SPC) system. This catalogue gives tools and techniques that are essential for the successful realization of the SPC elements.

BSR ASQ/ISO 11648-1-201x, Statistical aspects of sampling from bulk materials - Part 1: General principles (identical national adoption of ISO 11648-1:2003)

Stakeholders: Companies, government agencies, individuals, organizations.

Project Need: This project is to adopt ISO 11648-1-2003 as an American National Standard.

Establishes the general principles for the application and statistical treatment of the sampling of bulk materials. This standard also provides general guidance and examples for estimating necessary variances and checking precision and bias when the average value of a quality characteristic is investigated. Furthermore, this part of ISO 11648 gives information relating to the statistical analyses of serial data, by the use of variograms and correlograms.

BSR ASQ/ISO 11648-2-201x, Statistical aspects of sampling from bulk materials - Part 2: Sampling of particulate materials (identical national adoption of ISO 11648-2: 2001)

Stakeholders: Companies, government agencies, individuals, organizations.

Project Need: This project is to adopt ISO 11648-2-2001 as an American National Standard.

Defines the basic terms with definitions for the sampling of bulk materials. These terms are necessary for providing a better understanding of sampling techniques as well as making it easier to fulfill requirements.

BSR ASQ/ISO 18414-201x, Acceptance sampling procedures by attributes - Accept-zero sampling system based on credit principle for controlling outgoing quality (identical national adoption of ISO 18414: 2006)

Stakeholders: Companies, government agencies, individuals, organizations.

Project Need: This project is to adopt ISO 18414-2006 as an American National Standard.

Specifies a system of single sampling schemes for lot-by-lot inspection by attributes. All the sampling plans of the present system are of accept-zero form, i.e., no lot is accepted if the sample from it contains one or more nonconforming items.

BSR/ISO/ASQ S5479-200x, Statistical interpretation of data - Tests for departure from the normal distribution (identical national adoption of ISO 5479: 2007)

Stakeholders: Companies, government agencies, individuals, organizations.

Project Need: This project is to adopt ASQ/ISO 5479-2007 as an American National Standard.

Gives guidance on methods and tests for use in deciding whether or not the hypothesis of a normal distribution should be rejected, assuming that the observations are independent.

ASTM (ASTM International)

Office: 100 Barr Harbor Drive
West Conshohocken, PA 19428-2959

Contact: Jeff Richardson

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E-mail: jrichard@astm.org

BSR/ASTM WK23816-201x, New Test Method for Quantification of Mycobacterium immunogenum in Metalworking Fluids by Quantitative Polymerase Chain Reaction (new standard)

Stakeholders: Health and safety standards for metal working fluids industry.

Project Need: To provide ASTM Mini Round-Robin Pilot Testing of qPCR methods for the detection and enumeration of Mycobacterium immunogenum in Metalworking Fluids Needed for the quality control of Mycobacteria in metalworking fluids.

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK23816.htm>

BSR/ASTM WK30961-201x, New Test Method for Analysis of Ethyl Tertiary-Butyl Ether by Gas Chromatography (new standard)

Stakeholders: Aviation gasoline industry.

Project Need: To cover the determination of the purity of ethyl tertiary-butyl ether by gas chromatography. It also provides a procedure to measure impurities.

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK30961.htm>

BSR/ASTM WK30983-201x, New Test Method for Cyclic Pressure Time to Failure for Thermoplastic Pipe (new standard)

Stakeholders: Plastic piping systems industry.

Project Need: To develop a new test method to determine the time to failure for thermoplastic pipe subjected to a cyclic pressure load. This is an accelerated slow crack growth test method need for modern PE materials.

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK30983.htm>

BSR/ASTM WK30984-201x, New Specification for Polyamide 612 Piping System for Fuel Gas Applications (new standard)

Stakeholders: Plastic piping systems industry.

Project Need: To develop a new standard specification for polyamide 612 piping system for fuel gas applications new polyamide material for gas applications.

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK30984.htm>

BSR/ASTM WK30985-201x, New Specification for Polyamide 612 Electrofusion Fittings for Fuel Gas Applications (new standard)

Stakeholders: Plastic piping systems industry.

Project Need: To develop a new specification for polyamide 612 electrofusion fittings for gas applications.

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK30985.htm>

BSR/ASTM WK30986-201x, New Specification for Polyamide 612 Transition Fittings and Meter Risers (new standard)

Stakeholders: Plastic piping systems industry.

Project Need: To develop a new specification for PA 612 transition fittings and meter risers.

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK30986.htm>

BSR/ASTM WK30989-201x, New Test Method for Density and Unit Weight of Topsoil and Blended Soils In-place by the Core Displacement Method (new standard)

Stakeholders: Sports equipment and facilities industry.

Project Need: To determine the undisturbed (in-situ) in-place bulk-density, moisture content and unit weight of topsoil and blended soil growing mediums using the Core Displacement Method.

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK30989.htm>

BSR/ASTM WK30990-201x, New Practice for Installation of Corrugated Plastic Pipe for Agricultural Drainage (new standard)

Stakeholders: Plastic piping systems industry.

Project Need: This recommended practice is intended for corrugated high-density polyethylene pipe for agricultural and turf drainage applications. This standard is necessary to provide guidance to contractors for the proper installation of corrugated high-density polyethylene pipe in agricultural applications.

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK30990.htm>

CEA (Consumer Electronics Association)

Office: 1919 South Eads Street
Arlington, VA 22202

Contact: Alayne Bell

Fax: (703) 907-4194

E-mail: ABell@CE.org; Carce@CE.org

BSR/CEA 608-F-201x, Line 21 Data Services (new standard)

Stakeholders: Consumer Electronics Industry.

Project Need: To revise CEA 608-F.

Provides a technical standard and guide for using or providing Closed Captioning services or other data services embedded in line 21 of the vertical blanking interval of the NTSC video signal. This includes provision for encoding equipment and/or decoding equipment to produce such material as well as manufacturers of television receivers that are required to include such decoders in their equipment as a matter of regulation. This standard is also a usage guide for producing material using such equipment, and for distributing such material.

EOS/ESD (ESD Association, Inc.)

Office: 7900 Turin Rd., Bldg. 3
Rome, NY 13440

Contact: Christina Earl

Fax: (315) 339-6793

E-mail: cearl@esda.org

BSR/ESD SP3.3-201x, Standard Practice for the Protection of Electrostatic Discharge Susceptible Items - Periodic Verification of Air Ionizers (revision of ANSI/ESD SP3.3-2006)

Stakeholders: Electronics Industry including telecom, consumer, medical, and industrial.

Project Need: To provide test procedures for periodic verification of the performance of air ionization equipment and systems (ionizers).

Establishes a measurement procedures, under recommended conditions, to determine periodically offset voltage (ion balance) and discharge (neutralization) times for ionizers in their actual use locations. This standard practice does not include measurements of electromagnetic interference (EMI), or uses of ionizers in connection with ordnance, flammables, explosive items or electrically initiated explosive devices.

BSR/ESD SP5.1.1-201x, Standard Practice for Electrostatic Discharge Sensitivity Testing - Human Body Model (HBM) Alternative Test Method: Supply Pin Ganging - Component Level (revision of ANSI/ESD SP5.1.1-2006)

Stakeholders: Electronics Industry including telecom, consumer, medical, and industrial.

Project Need: To establish an alternative test method to perform Human Body Model (HBM) component level ESD tests when the component or device pin count exceeds the ESD simulator tester channels. This alternative test method is limited to components with greater than 512 pins or balls.

For those components (e.g., ball grid array) that interconnect different power leads through common, low-resistance power and ground planes in the package, the number of power and ground leads can be reduced by ganging or grouping supply pins together on a custom test fixture board. A minimum number of power supply pins (i.e., power or ground) should be ganged to bring the total number of tester channels used equal to the number of tester channels available on the tester.

BSR/ESD SP5.1.2-201x, Standard Practice for Electrostatic Discharge Sensitivity Testing - Human Body Model (HBM) Alternative Test Method: Split Signal Pin - Component Level (revision of ANSI/ESD SP5.1.2-2006)

Stakeholders: Electronics Industry including telecom, consumer, medical, and industrial.

Project Need: To establish an alternative test method to perform Human Body Model (HBM) component level ESD tests when the component or device pin count exceeds the ESD simulator tester channels. This alternative test method is limited to components with greater than 512 pins or balls.

For high pin-count components (e.g., ball grid array) with a large number of signal pins, the total number of pins can be reduced by splitting the signal pins into two or more equal sets or subgroups. Special test fixture boards (TFBs) can be constructed to connect each set of signal pins to specific tester channels while floating the remaining unused signal pins. Additional TFBs can be constructed to connect each remaining set of signal pins to specific tester channels while floating the remaining unused signal pins. All power, ground and control pins on the component should be wired to each TFB.

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

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Washington, DC 20005

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BSR INCITS/ISO/IEC 14165-133-201x, Information technology - Fibre Channel - Part 133: Switch Fabric-3 (FC-SW-3) (identical national adoption of ISO/IEC 14165-133:2010)

Stakeholders: ICT stakeholders.

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

Describes how switches communicate and interact with one another to form a Fabric of switches. This standard includes:

- (a) E_Port Operation and Fabric Configuration;
- (b) Path selection (FSPF and FSPF-Backbone);
- (c) Bridge Port (B_Port) Operation;
- (d) distributed server interaction and communication;
- (e) exchange of information between Switches to support zoning; and
- (f) distribution of Event Notifications between Switches.

BSR INCITS/ISO/IEC 14165-321-201x, Information technology - Fibre Channel - Part 321: Audio-Video (FC-AV) (identical national adoption of ISO/IEC 14165-321:2009)

Stakeholders: ICT stakeholders.

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

Provides a high-speed serial interface using either optical or electrical connections (i.e., the physical layer) at data rates currently up to 2 Gbits/s with a growth path to 10 Gbits/s, and provides a general data transport vehicle for Upper Level Protocols (ULPs) such as Intelligent Peripheral Interface (IPI) and Small Computer System Interface (SCSI) command sets, the High-Performance Parallel Interface (HIPPI) data framing, IP (Internet Protocol), ANSI/IEEE 802.2, and others. The topologies supported by Fibre Channel include point-to-point, switched fabric, and arbitrated loop, etc.

BSR INCITS/ISO/IEC 14165-331-201x, Information technology - Fibre Channel - Part 331: Virtual Interface (FC-VI) (identical national adoption of ISO/IEC 14165-331:2007)

Stakeholders: ICT stakeholders.

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

Provides a high-speed serial interface using either optical or electrical connections (i.e., the physical layer) at data rates currently up to 2 Gbits/s with a growth path to 10 Gbits/s, and provides a general data transport vehicle for Upper Level Protocols (ULPs) such as Intelligent Peripheral Interface (IPI) and Small Computer System Interface (SCSI) command sets, the High-Performance Parallel Interface (HIPPI) data framing, IP (Internet Protocol), ANSI/IEEE 802.2, and others. The topologies supported by Fibre Channel include point-to-point, switched fabric, and arbitrated loop.

BSR INCITS/ISO/TS 19130-201x, Geographic information - Imagery sensor models for geopositioning (identical national adoption of ISO/TS 19130:2010)

Stakeholders: ICT stakeholders.

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

Identifies the information required to determine the relationship between the position of a remotely sensed pixel in image coordinates and its geolocation. This standard supports exploitation of remotely sensed images. It defines the metadata to be distributed with the image to enable user determination of geographic position from the observations.

NAAMM (National Association of Architectural Metal Manufacturers)

Office: 800 Roosevelt Road Building C, Suite 312
Glen Ellyn, IL 60137

Contact: Vernon Lewis

Fax: (630) 790-3095

E-mail: vlew7@cox.net

BSR/NAAMM AMP 521-2001 (R201x), Pipe Railing Systems Manual (reaffirmation of ANSI/NAAMM AMP 521-2001)

Stakeholders: Engineers, architects, government agencies, building owners.

Project Need: This standard functions well as written, and NAAMM/AMP would like to reaffirm it in its current form.

Provides data on the materials usually used in handrail construction and structural design guidance for handrails.

BSR/NAAMM HMMA 866-2001 (R201x), Guide Specification for Stainless Steel Hollow Metal Doors and Frames (reaffirmation of ANSI/NAAMM HMMA 866-2001)

Stakeholders: Engineers, architects, government agencies, building owners.

Project Need: This specification was approved in 2001. A revision is being prepared, but NAAMM and HMMA would like to reaffirm the standard in its current form to assure that the standard is not withdrawn.

Provides guidance for those specifying stainless steel doors and frames for the construction industry including materials and qualitative construction requirements.

NFPA (National Fire Protection Association)

Office: One Batterymarch Park
Quincy, MA 02169-7471

Contact: Amy Beasley Cronin

Fax: (617) 770-3500

E-mail: lf Fuller@nfpa.org

BSR/NFPA DS1-201x, Standard Method of Fire Test for Flame Breaks (new standard)

Stakeholders: Manufacturer, user, installer/maintainer, labor, enforcing authority, insurance, consumer, special experts.

Project Need: Public interest and need.

Applies to materials intended to be used as flame breaks complying with NFPA 1124, Code for the Manufacture, Transportation, Storage, and Retail Sales of Fireworks and Pyrotechnics Articles. The performance of the flame break is determined by evaluating the ability of the flame break to resist the passage of fire during a standard fire exposure.

BSR/NFPA DS2-201x, Standard Method of Fire Test for Covered Fuse on Consumer Fireworks (new standard)

Stakeholders: Manufacturer, user, installer/maintainer, labor, enforcing authority, insurance, consumer, special experts.

Project Need: Public Interest and need.

Describes a method for determining that consumer fireworks being offered for sale to consumers in a retail sales area contain a material over an ignition fuse or ignition point that complies with the requirements for covered fuse in NFPA 1124.

TIA (Telecommunications Industry Association)

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Arlington, VA 22201

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BSR/TIA 942-A-201x, Telecommunications - Infrastructure Standard for Data Centers (revision of ANSI/TIA 942-2005)

Stakeholders: Telecommunications industry.

Project Need: To update the standard.

Specifies the minimum requirements for telecommunications infrastructure of data centers and computer rooms including single tenant enterprise data centers and multi-tenant Internet hosting data centers. The topology specified in this document is intended to be applicable to any size data center.

UL (Underwriters Laboratories, Inc.)

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Northbrook, IL 60062-2096

Contact: Susan Malohn

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E-mail: Susan.P.Malohn@us.ul.com

BSR/UL 62282-6-100-201x, Standard for Fuel Cell Technologies - Part 6-100: Micro Fuel Cell Power Systems - Safety (national adoption with modifications of IEC 62282-6-100)

Stakeholders: Consumers, manufacturers, certifying agencies, and CSA Americas.

Project Need: To provide a joint UL/CSA Americas National Adoption of an International Standard.

Describes micro fuel cell power systems, micro fuel cell power units and fuel cartridges that are wearable or easily carried by hand, providing dc outputs that do not exceed 60 Vdc and power outputs that do not exceed 240 VA. The technologies covered by this standard are: Direct formic acid fuel cell technologies; Proton exchange membrane fuel cell technologies that may include fuel-processing subsystems to derive hydrogen gas from the borohydride compound fuel, direct methanol fuel cell technologies, direct borohydride fuel cell technologies, and solid oxide fuel cell technologies

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 (Association for the Advancement of Medical Instrumentation)
- AAMVA (American Association of Motor Vehicle Administrators)
- AGA (American Gas Association)
- AGRSS, Inc. (Automotive Glass Replacement Safety Standards Committee, Inc.)
- ASC X9 (Accredited Standards Committee X9, Incorporated)
- ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
- ASME (American Society of Mechanical Engineers)
- ASTM (ASTM International)
- GEIA (Greenguard Environmental Institute)
- HL7 (Health Level Seven)
- MHI (ASC MH10) (Material Handling Industry)
- NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)
- NCPDP (National Council for Prescription Drug Programs)
- NISO (National Information Standards Organization)
- NSF (NSF International)
- TIA (Telecommunications Industry Association)
- UL (Underwriters Laboratories, Inc.)

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.

AIR QUALITY (TC 146)

ISO/DIS 15202-1, Workplace air - Determination of metals and metalloids in airborne particulate matter by inductively coupled plasma atomic emission spectrometry - Part 1: Sampling - 2/22/2011, \$77.00

APPLICATIONS OF STATISTICAL METHODS (TC 69)

ISO/DIS 11843-6, Capability of detection - Part 6: Methodology for the determination of the critical value and the minimum detectable values in Poisson distribution measurements - 2/21/2011, \$71.00

ISO/DIS 11843-7, Capability of detection - Part 7: Methodology based on stochastic properties of instrumental noise - 2/21/2011, \$93.00

CINEMATOGRAPHY (TC 36)

ISO/DIS 26428-11, Digital cinema (D-cinema) distribution master - Part 11: Additional frame rates - 2/21/2011, \$33.00

ISO/DIS 26428-19, Digital cinema (D-cinema) distribution master - Part 19: Serial digital interface signal formatting for additional frame rates level AFR2 and level AFR4 - 2/21/2011, \$46.00

ISO/DIS 26429-13, Digital cinema (D-cinema) packaging - Part 13: Operational constraints for additional frame rates - 2/21/2011, \$29.00

CONCRETE, REINFORCED CONCRETE AND PRE-STRESSED CONCRETE (TC 71)

ISO/DIS 13315-1, Environmental management for concrete and concrete structures - Part 1: General principles - 2/25/2011, \$53.00

GAS CYLINDERS (TC 58)

ISO/DIS 14246, Gas cylinders - Cylinder valves - Manufacturing tests and examinations - 2/24/2011, \$40.00

GEOGRAPHIC INFORMATION/GEOMATICS (TC 211)

ISO/DIS 19117, Geographic information - Portrayal - 2/21/2011, \$165.00

MARKET, OPINION AND SOCIAL RESEARCH (TC 225)

ISO/DIS 20252, Market, opinion and social research - Vocabulary and service requirements - 2/24/2011, \$112.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO/DIS 14839-4, Mechanical vibration - Vibration of rotating machinery equipped with active magnetic bearings - Part 4: Technical guidelines - 2/24/2011, \$107.00

OTHER

ISO/DIS 11640, Leather - Tests for colour fastness - Colour fastness to cycles of to-and-fro rubbing - 2/24/2011, \$40.00

ISO/DIS 11641, Leather - Tests for colour fastness - Colour fastness to perspiration - 2/24/2011, \$46.00

ISO/DIS 11642, Leather - Tests for colour fastness - Colour fastness to water - 2/24/2011, \$40.00

PAINTS AND VARNISHES (TC 35)

ISO/DIS 12013-1, Paints and varnishes - Determination of curing characteristics using a free-damped oscillation method - Part 1: Start temperature of reaction - 2/21/2011, \$53.00

ISO/DIS 12013-2, Paints and varnishes - Determination of curing characteristics using a free-damped oscillation method - Part 2: Glass-transition temperature - 2/21/2011, \$58.00

PLASTICS (TC 61)

ISO/DIS 2561, Plastics - Determination of residual styrene monomer in polystyrene (PS) and impact-resistant polystyrene (PS-I) by gas chromatography - 2/22/2011, \$62.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 13713, Ships and marine technology - Ships mooring and towing fittings - Mooring chocks - 2/22/2011, \$53.00

ISO/DIS 13728, Ships and marine technology - Ships mooring and towing fittings - Panama chocks - 2/22/2011, \$53.00

ISO/DIS 13729, Ships and marine technology - Ships mooring and towing fittings - Closed chocks - 2/22/2011, \$53.00

ISO/DIS 13733, Ships and marine technology - Ships mooring and towing fittings - Universal fairleads with upper roller - 2/22/2011, \$67.00

ISO/DIS 13742, Ships and marine technology - Ships mooring and towing fittings - Universal fairleads without upper roller - 2/22/2011, \$67.00

ISO/DIS 13755, Ships and marine technology - Ships mooring and towing fittings - Steel rollers - 2/22/2011, \$67.00

ISO/DIS 13767, Ships and marine technology - Ships mooring and towing fittings - Shipside roller fairleads - 2/22/2011, \$46.00

ISO/DIS 13776, Ships and marine technology - Ships mooring and towing fittings - Pedestal fairleads - 2/22/2011, \$46.00

ISO/DIS 13795, Ships and marine technology - Ships mooring and towing fittings - Welded steel bollards for sea-going vessels - 2/22/2011, \$58.00

ISO/DIS 13797, Ships and marine technology - Ships mooring and towing fittings - Cruciform bollards - 2/22/2011, \$46.00

ISO/DIS 13798, Ships and marine technology - Ships mooring and towing fittings - Recessed bits (Steel plate type) - 2/22/2011, \$40.00

ISO/DIS 13799, Ships and marine technology - Ships mooring and towing fittings - Recessed bits (Casting type) - 2/22/2011, \$46.00

SOCIETAL SECURITY (TC 223)

ISO/DIS 22301, Societal security - Preparedness and continuity management systems - Requirements - 2/25/2011, \$88.00

SURFACE CHEMICAL ANALYSIS (TC 201)

ISO/DIS 11039, Surface chemical analysis - Scanning-probe microscopy - Measurement of drift rate - 3/1/2011, \$71.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO/DIS 22369-3, Crop protection equipment - Drift classification of spraying equipment - Part 3: Potential spray drift measurement for field crop sprayers by the use of a test bench - 3/1/2011, \$53.00

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

ACOUSTICS (TC 43)

ISO 3746:2010, Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Survey method using an enveloping measurement surface over a reflecting plane, \$149.00

ISO 3747:2010, Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Engineering/survey methods for use in situ in a reverberant environment, \$141.00

AIR QUALITY (TC 146)

ISO 17736:2010, Workplace air quality - Determination of isocyanate in air using a double-filter sampling device and analysis by high pressure liquid chromatography, \$116.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO 12384:2010, Aerospace - Requirements for digital equipment for measurements of aircraft electrical power characteristics, \$80.00

ISO 23339:2010, Space systems - Unmanned spacecraft - Estimating the mass of remaining usable propellant, \$57.00

FERROUS METAL PIPES AND METALLIC FITTINGS (TC 5)

ISO 2531/Cor1:2010, Ductile iron pipes, fittings and accessories for pressure pipe-lines - Corrigendum, FREE

FIRE SAFETY (TC 92)

ISO 29473:2010, Fire tests - Uncertainty of measurements in fire tests, \$104.00

FOOTWEAR (TC 216)

ISO 10717:2010, Footwear - Test method for slide fasteners - Burst strength, \$49.00

GRAPHIC TECHNOLOGY (TC 130)

ISO 15076-1:2010, Image technology colour management - Architecture, profile format and data structure - Part 1: Based on ICC.1:2010, \$206.00

HEALTH INFORMATICS (TC 215)

ISO 21667:2010, Health informatics - Health indicators conceptual framework, \$98.00

INFORMATION AND DOCUMENTATION (TC 46)

ISO 16175-1:2010, Information and documentation - Principles and functional requirements for records in electronic office environments - Part 1: Overview and statement of principles, \$86.00

ISO 16175-3:2010, Information and documentation - Principles and functional requirements for records in electronic office environments - Part 3: Guidelines and functional requirements for records in business systems, \$180.00

INTERNAL COMBUSTION ENGINES (TC 70)

ISO 7967-2:2010, Reciprocating internal combustion engines - Vocabulary of components and systems - Part 2: Main running gear, \$98.00

LIGHT METALS AND THEIR ALLOYS (TC 79)

ISO 28401:2010, Light metals and their alloys - Titanium and titanium alloys - Classification and terminology, \$80.00

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

ISO 13500/Amd1:2010, Petroleum and natural gas industries - Drilling fluid materials - Specifications and tests - Amendment 1: Barite 4,1, \$16.00

ISO 13678:2010, Petroleum and natural gas industries - Evaluation and testing of thread compounds for use with casing, tubing, line pipe and drill stem elements, \$149.00

ISO 28460:2010, Petroleum and natural gas industries - Installation and equipment for liquefied natural gas - Ship-to-shore interface and port operations, \$116.00

MECHANICAL CONTRACEPTIVES (TC 157)

ISO 29941:2010, Condoms - Determination of nitrosamines migrating from natural rubber latex condoms, \$65.00

METALLIC AND OTHER INORGANIC COATINGS (TC 107)

ISO 4534:2010, Vitreous and porcelain enamels - Determination of fluidity behaviour - Fusion flow test, \$49.00

ISO 12690:2010, Metallic and other inorganic coatings - Thermal spray coordination - Tasks and responsibilities, \$73.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO 20349:2010, Personal protective equipment - Footwear protecting against thermal risks and molten metal splashes as found in foundries and welding - Requirements and test method, \$86.00

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

ISO 14531-3:2010, Plastics pipes and fittings - Crosslinked polyethylene (PE-X) pipe systems for the conveyance of gaseous fuels - Metric series - Specifications - Part 3: Fittings for mechanical jointing (including PE-X/metal transitions), \$98.00

PLASTICS (TC 61)

- ISO 4611:2010, Plastics - Determination of the effects of exposure to damp heat, water spray and salt mist, \$73.00
- ISO 10352:2010, Fibre-reinforced plastics - Moulding compounds and prepregs - Determination of mass per unit area, \$57.00
- ISO 11337:2010, Plastics - Polyamides - Determination of e-caprolactam and w-lauro lactam by gas chromatography, \$80.00
- ISO 15064:2010, Plastics - Aromatic isocyanates for use in the production of polyurethanes - Determination of the isomer ratio in toluenediisocyanate, \$65.00

ROAD VEHICLES (TC 22)

- ISO 12021:2010, Road vehicles - Sensitivity to lateral wind - Open-loop test method using wind generator input, \$80.00

RUBBER AND RUBBER PRODUCTS (TC 45)

- ISO 21561/Amd1:2010, Styrene-butadiene rubber (SBR) - Determination of the microstructure of solution-polymerized SBR - Amendment 1, \$16.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

- ISO 30007:2010, Ships and marine technology - Measures to prevent asbestos emission and exposure during ship recycling, \$86.00

TYRES, RIMS AND VALVES (TC 31)

- ISO 4249-3:2010, Motorcycle tyres and rims (code-designated series) - Part 3: Rims, \$73.00

ISO Technical Reports**INFORMATION AND DOCUMENTATION (TC 46)**

- ISO/TR 13028:2010, Information and documentation - Implementation guidelines for digitization of records, \$122.00

ISO Technical Specifications**IRON ORES (TC 102)**

- ISO/TS 16878:2010, Direct reduced iron and hot briquetted iron - Determination of metallic iron - Iron(III) chloride titrimetric method, \$80.00

NANOTECHNOLOGIES (TC 229)

- ISO/TS 11251:2010, Nanotechnologies - Characterization of volatile components in single-wall carbon nanotube samples using evolved gas analysis/gas chromatograph-mass spectrometry, \$65.00

SURFACE CHEMICAL ANALYSIS (TC 201)

- ISO/TS 25138:2010, Surface chemical analysis - Analysis of metal oxide films by glow-discharge optical-emission spectrometry, \$135.00

ISO/IEC JTC 1, Information Technology

- ISO/IEC 11770-1:2010, Information technology - Security techniques - Key management - Part 1: Framework, \$122.00

- ISO/IEC 13818-7/Cor2:2010, Information technology - Generic coding of moving pictures and associated audio information - Part 7: Advanced Audio Coding (AAC) - Corrigendum, FREE
- ISO/IEC 14496-20/Cor1:2010, Information technology - Coding of audio-visual objects - Part 20: Lightweight Application Scene Representation (LASER) and Simple Aggregation Format (SAF) - Corrigendum, FREE
- ISO/IEC 14496-22/Amd1:2010, Information technology - Coding of audio-visual objects - Part 22: Open Font Format - Amendment 1: Support for many-to-one range mappings, \$16.00
- ISO/IEC 14496-22/Cor1:2010, Information technology - Coding of audio-visual objects - Part 22: Open Font Format - Corrigendum, FREE
- ISO/IEC 18000-6:2010, Information technology - Radio frequency identification for item management - Part 6: Parameters for air interface communications at 860 MHz to 960 MHz, \$292.00
- ISO/IEC 23000-6/Cor1:2010, Information technology - Multimedia application format (MPEG-A) - Part 6: Professional archival application format - Corrigendum, FREE
- ISO/IEC 23003-1/Cor3:2010, Information technology - MPEG audio technologies - Part 1: MPEG Surround - Corrigendum, FREE
- ISO/IEC 24800-4:2010, Information technology - JPSearch - Part 4: File format for metadata embedded in image data (JPEG and JPEG 2000), \$57.00

ISO/IEC JTC 1 Technical Reports

- ISO/IEC TR 20000-4:2010, Information technology - Service management - Part 4: Process reference model, \$104.00
- ISO/IEC TR 24731-2:2010, Information technology - Programming languages, their environments and system software interfaces - Extensions to the C library - Part 2: Dynamic Allocation Functions, \$104.00

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

- IEC 61169-40 Ed. 1.0 b:2010, Radio-frequency connectors - Part 40: Sectional specification for 2.4 series RF connectors, \$117.00

CAPACITORS AND RESISTORS FOR ELECTRONIC EQUIPMENT (TC 40)

- IEC 60539-2 Ed. 1.1 b:2010, Directly heated negative temperature coefficient thermistors - Part 2: Sectional specification - Surface mount negative temperature coefficient thermistors, \$133.00

CLASSIFICATION OF HAZARDOUS AREAS AND INSTALLATION REQUIREMENTS (TC 31J)

- IEC 60079-19 Ed. 3.0 b:2010, Explosive atmospheres - Part 19: Equipment repair, overhaul and reclamation, \$235.00

DOCUMENTATION AND GRAPHICAL SYMBOLS (TC 3)

IEC 62507-1 Ed. 1.0 b:2010, Identification systems enabling unambiguous information interchange - Requirements - Part 1: Principles and methods, \$204.00

ELECTRIC ROAD VEHICLES AND ELECTRIC INDUSTRIAL TRUCKS (TC 69)

IEC 61851-1 Ed. 2.0 b:2010, Electric vehicle conductive charging system - Part 1: General requirements, \$179.00

ELECTRIC TRACTION EQUIPMENT (TC 9)

IEC 62498-1 Ed. 1.0 b Cor.1:2010, Corrigendum 1 - Railway applications - Environmental conditions for equipment - Part 1: Equipment on board rolling stock, \$0.00

IEC 62498-2 Ed. 1.0 b Cor.1:2010, Corrigendum 1 - Railway applications - Environmental conditions for equipment - Part 2: Fixed electrical installations, \$0.00

IEC 62498-3 Ed. 1.0 b Cor.1:2010, Corrigendum 1 - Railway applications - Environmental conditions for equipment - Part 3: Equipment for signalling and telecommunications, \$0.00

ELECTRIC WELDING (TC 26)

IEC 60974-6 Ed. 2.0 b:2010, Arc welding equipment - Part 6: Limited duty equipment, \$158.00

FIBRE OPTICS (TC 86)

IEC/TR 62000 Ed. 2.0 en:2010, Guidance for combining different single-mode fibres types, \$56.00

IEC 61300-2-17 Ed. 3.0 b:2010, Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-17: Tests - Cold, \$41.00

IEC 62148-3 Ed. 2.0 b:2010, Fibre optic active components and devices - Package and interface standards - Part 3: SFF 20-pin transceivers, \$87.00

IEC 62149-2 Ed. 1.0 b:2009, Fibre optic active components and devices - Performance standards - Part 2: 850 nm discrete vertical cavity surface emitting laser devices, \$97.00

HIGH-VOLTAGE TESTING TECHNIQUES (TC 42)

IEC 60060-2 Ed. 3.0 b:2010, High-voltage test techniques - Part 2: Measuring systems, \$235.00

INDUSTRIAL ELECTROHEATING EQUIPMENT (TC 27)

IEC 60519-1 Ed. 4.0 b:2010, Safety in electroheating installations - Part 1: General requirements, \$143.00

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

IEC 60534-8-3 Ed. 3.0 b:2010, Industrial-process control valves - Part 8-3: Noise considerations - Control valve aerodynamic noise prediction method, \$179.00

IEC 61804-3 Ed. 2.0 en:2010, Function blocks (FB) for process control - Part 3: Electronic Device Description Language (EDDL), \$316.00

INSULATION CO-ORDINATION FOR LOW-VOLTAGE EQUIPMENT (TC 109)

IEC 60664-3 Amd.1 Ed. 2.0 b Cor.1:2010, Corrigendum 1 to amendment 1 - Insulation coordination for equipment within low-voltage systems - Part 3: Use of coating, potting or moulding for protection against pollution, \$0.00

LAMPS AND RELATED EQUIPMENT (TC 34)

IEC 61347-1 Ed. 2.1 b:2010, Lamp controlgear - Part 1: General and safety requirements, \$265.00

IEC 61347-2-12 Ed. 1.1 b:2010, Lamp controlgear - Part 2-12: Particular requirements for d.c. or a.c. supplied electronic ballasts for discharge lamps (excluding fluorescent lamps), \$148.00

LIGHTNING PROTECTION (TC 81)

IEC 62561-4 Ed. 1.0 b:2010, Lightning protection system components (LPSC) - Part 4: Requirements for conductor fasteners, \$107.00

MARITIME NAVIGATION AND RADIOCOMMUNICATION EQUIPMENT AND SYSTEMS (TC 80)

IEC 61162-1 Ed. 4.0 en:2010, Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 1: Single talker and multiple listeners, \$275.00

IEC 61162-3 Ed. 1.1 en:2010, Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 3: Serial data instrument network, \$112.00

IEC 62287-1 Ed. 2.0 en:2010, Maritime navigation and radiocommunication equipment and systems - Class B shipborne equipment of the automatic identification system (AIS) - Part 1: Carrier-sense time division multiple access (CSTDMA) techniques, \$260.00

OTHER

IECEX 01 Ed. 5.0 en:2010, IEC System for Certification to Standards relating to Equipment for use in Explosive Atmospheres (IECEX System) - Basic Rules, \$0.00

PIEZOELECTRIC AND DIELECTRIC DEVICES FOR FREQUENCY CONTROL AND SELECTION (TC 49)

IEC 60368-3 Ed. 4.0 b:2010, Piezoelectric filters of assessed quality - Part 3: Standard outlines and lead connections, \$77.00

POWER CAPACITORS (TC 33)

IEC 60143-4 Ed. 1.0 b:2010, Series capacitors for power systems - Part 4: Thyristor controlled series capacitors, \$204.00

POWER ELECTRONICS (TC 22)

IEC 61803 Amd.1 Ed. 1.0 b:2010, Amendment 1 - Determination of power losses in high-voltage direct current (HVDC) converter stations with line-commutated converters, \$31.00

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)

IEC 60335-2-90 Ed. 3.1 b:2010, Household and similar electrical appliances - Safety - Part 2-90: Particular requirements for commercial microwave ovens, \$230.00

IEC 62115 Amd.2 Ed. 1.0 b:2010, Amendment 2 - Electric toys - Safety, \$56.00

SEMICONDUCTOR DEVICES (TC 47)

IEC 60749-19 Ed. 1.1 b:2010, Semiconductor devices - Mechanical and climatic test methods - Part 19: Die shear strength, \$56.00

IEC 60749-32 Ed. 1.1 b:2010, Semiconductor devices - Mechanical and climatic test methods - Part 32: Flammability of plastic-encapsulated devices (externally induced), \$56.00

SWITCHES FOR APPLIANCES (TC 23J)

IEC 61058-2-1 Ed. 2.0 b:2010, Switches for appliances - Part 2-1:
Particular requirements for cord switches, \$117.00

IEC 61058-2-5 Ed. 2.0 b:2010, Switches for appliances - Part 2-5:
Particular requirements for change-over selectors, \$51.00

SWITCHGEAR AND CONTROLGEAR (TC 17)

IEC 61439-5 Ed. 1.0 b:2010, Low-voltage switchgear and controlgear
assemblies - Part 5: Assemblies for power distribution in public
networks, \$128.00

IEC 62271-101 Ed. 1.1 b:2010, High-voltage switchgear and
controlgear - Part 101: Synthetic testing, \$347.00

WIND TURBINE GENERATOR SYSTEMS (TC 88)

IEC 61400-25-6 Ed. 1.0 en:2010, Wind turbines - Part 25-6:
Communications for monitoring and control of wind power plants -
Logical node classes and data classes for condition monitoring,
\$143.00

WINDING WIRES (TC 55)

IEC 60317-3 Amd.1 Ed. 3.0 b:2010, Amendment 1 - Specifications for
particular types of winding wires - Part 3: Polyester enamelled round
copper wire, class 155, \$18.00

Registration of Organization Names in the United States

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

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

PUBLIC REVIEW

E-CUBE

Public Review: October 29, 2010 to January 27, 2011

ECGRID

Public Review: September 10 to December 9, 2010

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

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

Proposed Foreign Government Regulations

Call for Comment

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

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

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

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

Information Concerning

American National Standards

INCITS Executive Board

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

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

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

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

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

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

Call for Members

Society of Cable Telecommunications

ANSI Accredited Standards Developer

SCTE, an ANSI-accredited SDO, is the primary organization for the creation and maintenance of standards for the cable telecommunications industry. SCTE's standards mission is to develop standards that meet the needs of cable system operators, content providers, network and customer premises equipment manufacturers, and all others who have an interest in the industry through a fair, balanced and transparent process.

SCTE is currently seeking to broaden the membership base of its ANS consensus bodies and is interested in new members in all membership categories to participate in new work in fiber-optic networks, advanced advertising, 3D television, and other important topics. Of particular interest is membership from the content (program and advertising) provider and user communities.

Membership in the SCTE Standards Program is open to all directly and materially affected parties as defined in SCTE's membership rules and operating procedures. More information is available at www.scte.org or by email from standards@scte.org.

ANSI Accredited Standards Developers

Withdrawal by Accredited Standards Developer

ANSI/AMCA International Standard

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

ANSI/AMCA 301-2006, Methods for Calculating Fan Sound Ratings from Laboratory Test Data

Direct inquiries to: John Pakan, (847) 394-0150, jpakan@amca.org.

International Electrotechnical Commission (IEC)

Call for Members

USNC Conformity Assessment Policy Coordination Committee (CAPCC)

The U S National Committee for IEC has established a standing committee titled Conformity Assessment Policy Coordination Committee to address all conformity assessment issues related to IEC and the electrotechnical area. Those interested in membership are invited to make their interest known to Mr Charles T Zegers, General Secretary, USNC/IEC. Nominations for membership will be reviewed by the USNC's Nominations Committee and endorsed by the USNC Council. The next meeting/teleconference of CAPCC has been scheduled for Wednesday, January 19, 2011 at Thermon Industries in San Marcos, TX.

Purpose:

The purpose of this USNC standing committee is to coordinate USNC positions on Electrotechnical Conformity Assessment (CA) issues which are specifically related to, or impact the IEC global agenda. The Conformity Assessment Policy Coordination Committee (CAPCC) has the responsibility to ensure that when such issues are identified, that USNC consensus positions are developed and represented in appropriate National, Regional and International CA groups.

Anyone who is interested in participating should contact:

Charles T Zegers
General Secretary, USNC/IEC
Tel: 212 642 4965
Fax: 212 730 1346
E-Mail: czegers@ansi.org



Standards Action Publishing Schedule for 2011, Volume No. 42

Issue No.	Dates to Submit Data to PSA		Standards Action Dates & Public Review Comment Deadlines			
	Submit Start	Submit End	SA Published	30-Day PR ends	45-Day PR Ends	60-day PR Ends
1	12/21/2010	12/27/2010	7-JAN	2/6/2011	2/21/2011	3/8/2011
2	12/28/2010	1/3/2011	14-JAN	2/13/2011	2/28/2011	3/15/2011
3	1/4/2011	1/10/2011	21-JAN	2/20/2011	3/7/2011	3/22/2011
4	1/11/2011	1/17/2011	28-JAN	2/27/2011	3/14/2011	3/29/2011
5	1/18/2011	1/24/2011	4-FEB	3/6/2011	3/21/2011	4/5/2011
6	1/25/2011	1/31/2011	11-FEB	3/13/2011	3/28/2011	4/12/2011
7	2/1/2011	2/7/2011	18-FEB	3/20/2011	4/4/2011	4/19/2011
8	2/8/2011	2/14/2011	25-FEB	3/27/2011	4/11/2011	4/26/2011
9	2/15/2011	2/21/2011	4-MAR	4/3/2011	4/18/2011	5/3/2011
10	2/22/2011	2/28/2011	11-MAR	4/10/2011	4/25/2011	5/10/2011
11	3/1/2011	3/7/2011	18-MAR	4/17/2011	5/2/2011	5/17/2011
12	3/8/2011	3/14/2011	25-MAR	4/24/2011	5/9/2011	5/24/2011
13	3/15/2011	3/21/2011	1-APR	5/1/2011	5/16/2011	5/31/2011
14	3/22/2011	3/28/2011	8-APR	5/8/2011	5/23/2011	6/7/2011
15	3/29/2011	4/4/2011	15-APR	5/15/2011	5/30/2011	6/14/2011
16	4/5/2011	4/11/2011	22-APR	5/22/2011	6/6/2011	6/21/2011
17	4/12/2011	4/18/2011	29-APR	5/29/2011	6/13/2011	6/28/2011
18	4/19/2011	4/25/2011	6-MAY	6/5/2011	6/20/2011	7/5/2011
19	4/26/2011	5/2/2011	13-MAY	6/12/2011	6/27/2011	7/12/2011
20	5/3/2011	5/9/2011	20-MAY	6/19/2011	7/4/2011	7/19/2011
21	5/10/2011	5/16/2011	27-MAY	6/26/2011	7/11/2011	7/26/2011
22	5/17/2011	5/23/2011	3-JUN	7/3/2011	7/18/2011	8/2/2011
23	5/24/2011	5/30/2011	10-JUN	7/10/2011	7/25/2011	8/9/2011
24	5/31/2011	6/6/2011	17-JUN	7/17/2011	8/1/2011	8/16/2011
25	6/7/2011	6/13/2011	24-JUN	7/24/2011	8/8/2011	8/23/2011
26	6/14/2011	6/20/2011	1-JUL	7/31/2011	8/15/2011	8/30/2011
27	6/21/2011	6/27/2011	8-JUL	8/7/2011	8/22/2011	9/6/2011
28	6/28/2011	7/4/2011	15-JUL	8/14/2011	8/29/2011	9/13/2011



Standards Action Publishing Schedule for 2011, Volume No. 42

Issue No.	Dates to Submit Data to PSA		Standards Action Dates & Public Review Comment Deadlines			
	Submit Start	Submit End	SA Published	30-Day PR ends	45-Day PR Ends	60-day PR Ends
29	7/5/2011	7/11/2011	22-JUL	8/21/2011	9/5/2011	9/20/2011
30	7/12/2011	7/18/2011	29-JUL	8/28/2011	9/12/2011	9/27/2011
31	7/19/2011	7/25/2011	5-AUG	9/4/2011	9/19/2011	10/4/2011
32	7/26/2011	8/1/2011	12-AUG	9/11/2011	9/26/2011	10/11/2011
33	8/2/2011	8/8/2011	19-AUG	9/18/2011	10/3/2011	10/18/2011
34	8/9/2011	8/15/2011	26-AUG	9/25/2011	10/10/2011	10/25/2011
35	8/16/2011	8/22/2011	2-SEP	10/2/2011	10/17/2011	11/1/2011
36	8/23/2011	8/29/2011	9-SEP	10/9/2011	10/24/2011	11/8/2011
37	8/30/2011	9/5/2011	16-SEP	10/16/2011	10/31/2011	11/15/2011
38	9/6/2011	9/12/2011	23-SEP	10/23/2011	11/7/2011	11/22/2011
39	9/13/2011	9/19/2011	30-SEP	10/30/2011	11/14/2011	11/29/2011
40	9/20/2011	9/26/2011	7-OCT	11/6/2011	11/21/2011	12/6/2011
41	9/27/2011	10/3/2011	14-OCT	11/13/2011	11/28/2011	12/13/2011
42	10/4/2011	10/10/2011	21-OCT	11/20/2011	12/5/2011	12/20/2011
43	10/11/2011	10/17/2011	28-OCT	11/27/2011	12/12/2011	12/27/2011
44	10/18/2011	10/24/2011	4-NOV	12/4/2011	12/19/2011	1/3/2012
45	10/25/2011	10/31/2011	11-NOV	12/11/2011	12/26/2011	1/10/2012
46	11/1/2011	11/7/2011	18-NOV	12/18/2011	1/2/2012	1/17/2012
47	11/8/2011	11/14/2011	25-NOV	12/25/2011	1/9/2012	1/24/2012
48	11/15/2011	11/21/2011	2-DEC	1/1/2012	1/16/2012	1/31/2012
49	11/22/2011	11/28/2011	9-DEC	1/8/2012	1/23/2012	2/7/2012
50	11/29/2011	12/5/2011	16-DEC	1/15/2012	1/30/2012	2/14/2012
51	12/6/2011	12/12/2011	23-DEC	1/22/2012	2/6/2012	2/21/2012
52	12/13/2011	12/19/2011	30-DEC	1/29/2012	2/13/2012	2/28/2012
1	12/20/2011	12/26/2011	6-JAN	2/5/2012	2/20/2012	3/6/2012

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2 Normative references

The following documents contain provisions that, through reference in this text, constitute provisions of this Standard. At the time of publication, the indicated editions were valid. All standards are subject to revision, and parties are encouraged to investigate the possibility of applying the recent editions of the standards indicated below.

American Public Health Association (APHA), American Water Works Association (AWWA) & Water Environment Federation (WEF): *Standard Methods for the Examination of Water and Wastewater*, 21st Edition, 2005 (herein after hereinafter referred to as Standard Methods)¹
APHA, twentieth edition

NFPA 70®: *National Electrical Code®* (NEC®), 2011² ANSI/NFPA 70, 1999. *National Electric Code*

US EPA, *Code of Federal Regulations (CFR)*, Title 40: *Protection of Environment*, July 1, 2010³
USEPA, *Protection of Environment*, 40 CFR, September 20, 1987

US EPA, *Code of Federal Regulations (CFR)*, Title 40, Part 141: *National Primary Drinking Water Regulations*, July 1, 2010³ USEPA, *National Primary Drinking Water Regulations*, 40 CFR Part 141

US EPA, *Code of Federal Regulations (CFR)*, Title 40, Part 143: *National Secondary Drinking Water Regulations*, July 1, 2010³ USEPA, *National Secondary Drinking Water Regulations*, 40 CFR Part 143

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¹ Standard Methods for the Examination of Water and Wastewater <www.standardmethods.org>.

American Public Health Association (APHA), 800 I Street, NW, Washington, DC 20001 <www.apha.org>

² National Fire Protection Association, 1 Batterymarch Park, Quincy, MA 02269-7471 <www.nfpa.org>.

³ Superintendent of Documents, U.S. Government Printing Office, 732 North Capitol Street, NW, Washington, DC 20401 20402 <www.gpo.gov>.

BSR/UL 60079-11 PROPOSAL

1. Proposed changes to the proposal bulletin dated 2010-08-20 for 7.5.3

7.5.3 Series current limiters

7.5.3.1 Blocking devices

The use of three series blocking diodes in circuits of level of protection $2ia^2$ is permitted.

Semiconductors and controllable semiconductor circuits and devices shall be permitted as series current-limiting circuits in level of protection "ia" when the following conditions are satisfied:

- a) three independent semiconductors or controllable semiconductor devices are connected in series;
- b) the same protective circuit is not used to limit the voltage and current for spark ignition purposes; and
- c) one of the following is met:
 - 1) the input and output circuits shall be intrinsically safe; or
 - 2) it can be shown that the use of the semiconductors or controllable semiconductor devices cannot be subjected to transients from the power supply network.

NOTE Circuits with non-linear outputs require testing as the curves and tables in Annex A only apply to resistive circuits. However, circuits with rectangular outputs that comply with the parameters stated in ANSI/ISA 60079-27-2006, Table 1 and the capacitance and inductance limits in Clause 3 need not be subjected to ignition testing.

~~, however, other semiconductors and controllable semiconductor devices shall be used as series current-limiting devices only in level of protection "ib" or "ic" apparatus.~~

~~However, for~~ For power limitation purposes, level of protection "ia" apparatus may use series current limiters consisting of controllable and non-controllable semiconductor devices.

~~NOTE The use of semiconductors and controllable semiconductor devices as current-limiting devices for spark ignition limitation is not permitted for level of protection "ia" apparatus because of their possible use in areas in which a continuous or frequent presence of an explosive gas atmosphere may coincide with the possibility of a brief transient which could cause ignition. The maximum current that may be delivered may have a brief transient but will not be taken as I_{05} , because the compliance with the spark ignition test of 10.1 would have established the successful limitation of the energy in this transient.~~

7.5.3.2 Circuits for level of protection "ib" or "ic"

Semiconductors and controllable semiconductor devices shall be permitted as series current-limiting circuits in level of protection "ib" or "ic" apparatus.

BSR/UL 687**Revise One Inch Thick Steel Equivalency Parameters in 5.1.5, 6.1.5, and 9.1.5 and Delete the Water Flow Test Parameters for Torch and Explosives Rated Safes, Section 14**

5.1.5 In order to establish if other materials are equivalent to 1-inch (25.4-mm) thick steel having an ultimate tensile strength of 50,000 psi (345 MPa), the material shall resist for 5 & minutes an attempt to make a 6 square inch (38.7 cm²) opening entirely through the material using the tools specified for a TL-30 rating.

6.1.5 In order to establish if other materials are equivalent to 1-inch (25.4-mm) thick steel having an ultimate tensile strength of 50,000 psi (345 MPa), the material shall resist for 5 & minutes an attempt to make a 6 square inch (38.7 cm²) opening entirely through the material using the tools specified for a TL-30 rating.

9.1.5 In order to establish if other materials are equivalent to 1-inch (25.4-mm) thick steel having an ultimate tensile strength of 50,000 psi (345 MPa) encased in 3-inch (76.2-mm) thick reinforced concrete having a minimum compressive strength of 4000 psi (27.6 MPa), the material shall resist for 5 & minutes an attempt to make a 2 square inch (12.9 cm²) opening entirely through the material using the tools specified for this rating.

~~14 Torch and Explosives Rated Safes~~

~~14.1 A safe that is subjected to attack by means of a cutting torch or a cutting torch and explosives is to have water introduced through the initial opening made by the attack for two minutes. The water is to be introduced through the opening from a 1/2-inch (12.7-mm) inside diameter nozzle connected to a water supply having a 30–40 pounds per square inch (207–276 Pa) pressure. The attack is to continue following the two-minute introduction of water, and these two minutes are to be included in the Net Working Time, Section 13.~~

BSR/UL 913 PROPOSALS

1. Revisions to Incorporate Requirements in the 2009 Edition of UL 60079-11

5.5 Apparatus for Class I, Division 1, Groups A and/or B locations, shall comply with all the requirements in UL 60079-0:2005 and UL 60079-11:~~2002~~ 2009 for Category "ia", Group IIC locations.

Exception: Marking of the apparatus shall meet the requirements of Section 9.

5.6 Apparatus for Class I, Division 1, Group C locations, shall comply with all the requirements in UL 60079-0:2005 and UL 60079-11:~~2002~~ 2009 for Category "ia", Group IIB locations.

Exception: Marking of the apparatus shall meet the requirements of Section 9.

5.7 Apparatus for Class I, Division 1, Group D locations, shall comply with all the requirements in UL 60079-0:2005 and UL 60079-11:~~2002~~ 2009 for Category "ia", Group IIA locations.

Exception: Marking of the apparatus shall meet the requirements of Section 9.

6.1.4 * Intrinsically safe apparatus for use in Class II, Groups F and G locations not enclosed in a dust-tight enclosure complying with the requirements in 6.2.1 - 6.2.3 shall comply with the spark ignition requirements specified in 6.1.3. In this case, it is to be assumed that all spacings do not comply with the separation distance requirements specified in UL 60079-11:~~2002~~ 2009 and that all connections between live or grounded parts and conductors are in the most unfavorable condition. The number of such connections is unlimited.

2. Revisions to the Battery Requirements

5.9 Batteries and battery packs shall comply with the Standard for Household and Commercial Batteries, UL 2054. Each battery or battery pack shall be operated within its maximum electrical parameters as determined by this standard under normal and fault conditions.

3. Addition of Requirements for Photovoltaic Modules

5.10 Photovoltaic modules shall comply with the Standard for Flat-Plate Photovoltaic Modules and Panels, UL 1703. Each module shall be operated within its maximum electrical parameters as determined by this standard under normal and fault conditions.

4. Addition of Requirements for Single Fault Intrinsic Safety with Reliability Assessment

5.5 Apparatus for Class I, Division 1, Groups A and/or B locations, shall comply with all the requirements in UL 60079-0:2005 and UL 60079-11:2002 for Category "ia", Group IIC locations.

Exception No. 1: Marking of the apparatus shall meet the requirements of Section 9.

Exception No. 2: Alternatively, a product shall be considered as compliant with the requirements of this standard with a maximum of only one fault applied if the product also complies with the requirements of the Standards for Tests for Safety-Related Controls Employing Solid-State

Devices, UL 991, Sections 9 - 15 and 17 - 22 without allowance for the provisions of Electrical Supervision in Section 8 of that standard.

5.6 Apparatus for Class I, Division 1, Group C locations, shall comply with all the requirements in UL 60079-0:2005 and UL 60079-11:2002 for Category "ia", Group IIB locations.

Exception No. 1: Marking of the apparatus shall meet the requirements of Section 9.

Exception No. 2: Alternatively, a product shall be considered as compliant with the requirements of this standard with a maximum of only one fault applied if the product also complies with the requirements of the Standards for Tests for Safety-Related Controls Employing Solid-State Devices, UL 991, Sections 9 - 15 and 17 - 22 without allowance for the provisions of Electrical Supervision in Section 8 of that standard.

5.7 Apparatus for Class I, Division 1, Group D locations, shall comply with all the requirements in UL 60079-0:2005 and UL 60079-11:2002 for Category "ia", Group IIA locations.

Exception No. 1: Marking of the apparatus shall meet the requirements of Section 9.

Exception No. 2: Alternatively, a product shall be considered as compliant with the requirements of this standard with a maximum of only one fault applied if the product also complies with the requirements of the Standards for Tests for Safety-Related Controls Employing Solid-State Devices, UL 991, Sections 9 - 15 and 17 - 22 without allowance for the provisions of Electrical Supervision in Section 8 of that standard.

8.3 The apparatus is to be operated under fault conditions appropriate to the apparatus until all temperatures become constant. See 6.1.1 - 6.1.4.

Exception: Alternatively, a product shall be considered as compliant with the requirements of this standard with a maximum of only one fault applied if the product also complies with the requirements of the Standards for Tests for Safety-Related Controls Employing Solid-State Devices, UL 991, Sections 9 - 15 and 17 - 22 without allowance for the provisions of Electrical Supervision in Section 8 of that standard.

BSR/UL 2267**PROPOSAL**

1.5 These requirements cover only the fuel cell and fuel cell balance of plant components including the power and/or power conditioning electronics, regardless of packaging, whether packaged within a self-contained system or distributed through the truck as part of an integral system as defined in 2.11 and Figure 2.1, as well as any components in classified zones.

~~1.6 These requirements also apply to components outside of the fuel cell power system and its balance of plant that are located in classified zones as a result of the design of the fuel cell power system.~~

~~1.7 These requirements do not apply to other portions of the truck.~~

7.3.2 With reference to 7.3.1, a pressure vessel shall be designed, manufactured, and tested in accordance with Gaseous Hydrogen and Hydrogen Blends - Land Vehicle Fuel Tanks, ISO/TS 15869, with the following conditions and limitations:

- a) The term "working pressure" of the container as defined in ISO/TS 15869 is identical to "service pressure" in this standard and shall be either 25 MPa or 35 MPa gauge only.
- b) The cylinder shall be designed ~~and tested~~ for not less than 11,250 full fill cycles, which represents a 10-year life. ISO/TS 15869, Sections 4.5, 11(k) and 11(l), and Annex A do not apply.
- c) ISO/TS 15869, Section 9.5, and Annex E, covering alternate type tests, shall not apply.
- d) In Section 9.2.2, the exemption for steels conforming to 6.3 and 7.2.2 of ISO 9801-1:1999 shall not apply. However, stainless Steels; SUS316L, AISI316L, AISI316 and DIN1.4435; having > 12% nickel composition and < 0.1% magnetic phases by volume are exempt from hydrogen compatibility tests in ISO/TS 15869, Annex B2. The fabrication process using these materials shall not include welds.
- e) In Section 9.2.3, the exemption for aluminum alloys that conform to 6.1 and 6.2 of Gas Cylinders - Refillable Seamless Aluminium Alloy Gas Cylinders - Design, Construction and Testing, ISO 7866 - 1999, shall not apply. However, aluminum alloys: A6061-T6, A6061-T62, A6061-T651 and A6061-T6511 are exempt from hydrogen compatibility tests in ISO/TS 15869, Annex B2. The

fabrication process using these aluminum materials shall not include welds.

f) Other than indicated in (d) or (e), hydrogen compatibility of metallic materials in contact with hydrogen gas shall be demonstrated by fulfilling the requirements of ISO/TS 15869, Section B.2 paragraph b) or c) by using hydrogen that meets the requirements of SAE J2719 and with the additional requirements that the oxygen limit be changed to less than 1 micro mol per mol and the water limit shall be changed to less than 3 micro mol per mol.. ~~Consideration should be given to the expected mode of fatigue failure and adequate factors of safety should be applied to ensure safe operation of the cylinder over the number of fill cycles and life as specified in 7.3.2(b).~~

g) If fatigue testing is conducted in accordance with ISO/TS 15869, Section B.2 subparagraph c), it shall be done using hydrogen quality as specified in (f) above, and at a rate not exceeding 10 cycles per minute. The sample vessel shall be pressure cycled until failure or to a minimum of 3 times the full fill cycles specified in 7.3.2(b). The sample vessel is allowed to fail by leakage and not rupture at a number of cycles greater than the number of full fill cycles specified in 7.3.2(b). If the sample vessel achieves 3 times the number of full fill cycles specified in 7.3.2(b) without failure, the ambient temperature pressure cycling test, specified in ISO/TS 15869, Section B.7, and leak-before-break (LBB) test in ISO/TS 15869, Section B.8. is not needed.

With regards to 7.3.2(g), leakage is the escape of gas from a vessel that is not attributed to leakage at a fitting connection or to permeation, and which is not caused by rupture. Escape of gas from a crack would be considered leakage and not rupture. Rupture is a violent breach of the vessel sidewall, head or bottom.

g h) ISO/TS 15869, Annex B.2 (a) shall not apply.

7.3.3 A pressure vessel and fill fitting shall be placed within the truck envelope or placed in an enclosure as defined in Section 16, Enclosures, and located to minimize the possibility of damage to the vessel or hydrogen-related fittings.

~~7.3.9 A pressure vessel and fill fitting shall be so located as to minimize the possibility of damage to the vessel or its fittings.~~