ANSI STANDARDS ACTION

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Contents

American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

ISSN 0038-9633

Comment Deadline: May 12, 2013

ACCA (Air Conditioning Contractors of America)

Supplement

BSR/ACCA 5 QI Addendum-201x, HVAC Quality Installation Specification (supplement to ANSI/ACCA 5 QI-2010)

This supplement would revise the acceptable procedures for the testing of duct leakage in 5.0 of the 2010 standard that establishes minimum attributes and specification elements on (1) Quality Contractors that include: business prerequisites, contract or business practices, and internal support for achieving customer satisfaction and (2) Quality Installation that include: design & equipment selection aspects, equipment installation aspects, distribution aspects and system documentation/owner education. These elements identify practices that lead to a quality HVAC installation in residential and commercial buildings.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: standards-sec@acca.org

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

Addenda

BSR/ASHRAE Addendum 15g-201x, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2010)

This independent substantive change (ISC) public review adds a number of clarifying requirements to overpressure protection for refrigeration systems. It clarifies requirements for relief vent lines terminating to atmosphere and removes an explicit provision for discharging ammonia to a water diffusion tank.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Online Comment Database at http://www.ashrae.org/standards-research--technology/public-review-drafts

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

New Standard

BSR/ASHRAE Standard 147-200x, Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems (new standard)

In 2002, ASHRAE published Standard 147. This revision updates the 2002 edition by expanding the number of equipment types and systems covered; by providing significant requirements for field-erected systems; by adding more requirements on leak checking; by adding requirements for systems with larger charges; and by making many formerly recommended practices mandatory. After consideration of comments received on the fourth independent substantive change public review, the committee has proposed the changes included in the public review draft.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Online Comment Database at http://www.ashrae.org/standards-research--technology/public-review-drafts

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 498-201X, Standard for Safety for Attachment Plugs and Receptacles (revision of ANSI/UL 498-2012c)

(1) Revision of Supplement SF to address receptacles with integral class 2 power supply and separable class 2 wire lead assembly, and (2) Clarification of dimensions in figure 123.1, Test Pin A - Ring Stop Thickness and O.D.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Patricia Sena, (919) 549-1636, patricia.a.sena@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 507-201x, Standard for Electric Fans (revision of ANSI/UL 507-2012a)

Correction of outdoor use requirements applicable to window fans.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 723-201x, Standard for Safety for Test of Surface Burning Characteristics of Building Materials (revision of ANSI/UL 723-2010)

These 4/12/13 UL 723 proposals: (1) replace "inorganic reinforced cement board" with "fiber-cement board" throughout the standard; (2) include changes to the referenced mounting methods in 4.3; and (3) revise A1.4 to add more details for fiber-cement board.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Betty Holthouser, (919) 549-1896, betty.c.holthouser@ul.com

Comment Deadline: May 27, 2013

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

New Standard

BSR/AHRI Standard 220-201x, Reverberation Room Qualification and Testing Procedures for Determining Sound Power of HVAC Equipment (new standard)

This standard applies to HVAC products where sound power is determined by measurement using the Comparison Method in a reverberation room that meets the qualification requirements as defined in Section 4 of this standard.

Single copy price: Free

Obtain an electronic copy from: dabbate@ahrinet.org

Order from: Daniel Abbate, (703) 600-0327, dabbate@ahrinet.org

Send comments (with copy to psa@ansi.org) to: Same

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

New Standard

BSR/AHRI Standard 570 (I-P)-201x, Performance Rating of Positive Displacement Carbon Dioxide Refrigerant Compressors and Compressor Units (new standard)

This standard applies to electric-motor-driven, single- and variable-capacity, single- and two-stage positive-displacement refrigerant compressors and compressor units operating with carbon dioxide in both subcritical and transcritical applications for refrigeration. This standard also applies to the presentation of performance data for positive-displacement compressor and compressor units operating with carbon dioxide.

Single copy price: Free

Obtain an electronic copy from: dabbate@ahrinet.org

Order from: Daniel Abbate, (703) 600-0327, dabbate@ahrinet.org

Send comments (with copy to psa@ansi.org) to: Same

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

Revision

BSR/AHRI Standard 260 (I-P)-201x, Sound Rating of Ducted Air Moving and Conditioning Equipment (revision and partition of ANSI/AHRI Standard 260 -2011)

This standard applies to ducted equipment and specifies the methods for the determination of the sound power rating of the indoor sections of factory-made residential, commercial and industrial air-conditioning and heat pump equipment, which are electrically driven, with mechanical compression and containing fans, using mapped sound data for rating the various product sound components.

Single copy price: Free

Obtain an electronic copy from: dabbate@ahrinet.org

Order from: Daniel Abbate, (703) 600-0327, dabbate@ahrinet.org

Send comments (with copy to psa@ansi.org) to: Same

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

New Standard

BSR/AHRI Standard 571 (SI)-201x, Performance Rating of Positive Displacement Carbon Dioxide Refrigerant Compressors and Compressor Units (new standard)

This standard applies to electric-motor-driven, single- and variable-capacity, single- and two-stage positive-displacement refrigerant compressors and compressor units operating with carbon dioxide in both subcritical and transcritical applications for refrigeration. This standard also applies to the presentation of performance data for positive-displacement compressor and compressor units operating with carbon dioxide.

Single copy price: Free

Obtain an electronic copy from: dabbate@ahrinet.org

Order from: Daniel Abbate, (703) 600-0327, dabbate@ahrinet.org

Send comments (with copy to psa@ansi.org) to: Same

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

Revision

BSR/AHRI Standard 261 (SI)-201x, Sound Rating of Ducted Air Moving and Conditioning Equipment (revision and partition of ANSI/AHRI Standard 260 -2011)

This standard applies to ducted equipment and specifies the methods for the determination of the sound power rating of the indoor sections of factory-made residential, commercial and industrial air-conditioning and heat pump equipment, which are electrically driven, with mechanical compression and containing fans, using mapped sound data for rating the various product sound components.

Single copy price: Free

Obtain an electronic copy from: dabbate@ahrinet.org

Order from: Daniel Abbate, (703) 600-0327, dabbate@ahrinet.org

Send comments (with copy to psa@ansi.org) to: Same

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

New Standard

BSR/AHRI Standard 920-201x, Performance Rating of DX-Dedicated Outdoor Air System Units (new standard)

This standard applies to factory-assembled commercial or industrial DX-dedicated outdoor air system units as defined in Section 3 of this standard.

Single copy price: Free

Obtain an electronic copy from: dabbate@ahrinet.org

Order from: Daniel Abbate, (703) 600-0327, dabbate@ahrinet.org

Send comments (with copy to psa@ansi.org) to: Same

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

Revision

BSR/AHRI Standard 810 (I-P)-201x, Performance Rating of Automatic Commercial Ice-Makers (revision and partition of ANSI/AHRI Standard 810 -2003)

This standard applies to factory-made automatic commercial ice-makers, as defined in Section 3 of this standard.

Single copy price: Free

Obtain an electronic copy from: dabbate@ahrinet.org

Order from: Daniel Abbate, (703) 600-0327, dabbate@ahrinet.org

Send comments (with copy to psa@ansi.org) to: Same

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

Revision

BSR/AHRI Standard 811 (SI)-201x, Performance Rating of Automatic Commercial Ice-Makers (revision and partition of ANSI/AHRI Standard 810 -2003)

This standard applies to factory-made automatic commercial ice-makers, as defined in Section 3 of this standard.

Single copy price: Free

Obtain an electronic copy from: dabbate@ahrinet.org

Order from: Daniel Abbate, (703) 600-0327, dabbate@ahrinet.org

Send comments (with copy to psa@ansi.org) to: Same

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

Revision

BSR/AHRI Standard 550/590 (I-P)-2012 with Addendum 1, Performance Rating of Water-Chilling and Heat Pump Water-Heating Packages Using the Vapor Compression Cycle (revision of ANSI/AHRI Standard 550/590 (I-P) -2012 with Addendum 1)

This standard applies to factory-made vapor-compression refrigeration water-chilling and water-heating packages including one or more hermetic or open drive compressors.

Single copy price: Free

Obtain an electronic copy from: dabbate@ahrinet.org

Order from: Daniel Abbate, (703) 600-0327, dabbate@ahrinet.org

Send comments (with copy to psa@ansi.org) to: Same

APSP (Association of Pool and Spa Professionals)

New Standard

BSR/APSP 1-201x, Standard for Public Swimming Pools (new standard)

Public swimming pools to be used for swimming, bathing, competitive activities, or recreational activities that are operated by an owner, lessee, operator, licensee, or concessionaire, regardless of whether a fee is charged for use. Public swimming pools covered by this standard include class A, B, C, and F pools.

Single copy price: Free

Obtain an electronic copy from: bcrenshaw@APSP.org

Order from: Bernice Crenshaw, (703) 838-0083 x150, bcrenshaw@APSP.org

Send comments (with copy to psa@ansi.org) to: Same

ASPE (American Society of Plumbing Engineers)

New Standard

BSR/ARCSA/ASPE 63-201x, Rainwater Catchment Systems (new standard)

This Standard covers the design and installation requirements for rainwater catchment systems that utilize the principle of collecting and using precipitation from a rooftop and other hard, impervious surfaces. This Standard does not apply to the collection of rainwater from vehicular parking or other similar surfaces.

Single copy price: Free

Obtain an electronic copy from: gpienta@aspe.org

Order from: Gretchen Pienta, (847) 296-0002, gpienta@aspe.org

Send comments (with copy to psa@ansi.org) to: Same

EOS/ESD (ESD Association, Inc.)

Withdrawal

ANSI/ESD SP14.1-2004, ESD Association Draft Standard Practice for the Protection of Electrostatic Discharge Susceptible Items - System Level Electrostatic Discharge (ESD) Simulator Verification (withdrawal of ANSI/ESD SP14.1-2004)

This document defines a time-domain measurement technique for verifying compliance with discharge current specifications given in system-level ESD standards.

Single copy price: N/A

Obtain an electronic copy from: cearl@esda.org

Order from: Christina Earl, (315) 339-6937, cearl@esda.org

Send comments (with copy to psa@ansi.org) to: Same

HL7 (Health Level Seven)

Reaffirmation

BSR/HL7 V3 TR ebXML, R1-2008 (R201x), HL7 Version 3 Standard: Transport Specification - ebXML, Release 1 (reaffirmation of ANSI/HL7 V3 TR ebXML, R1-2008)

This document defines a transport for HL7 content, messages and documents using ebXML.

Single copy price: Free (HL7 members); $705.00 (non-members)

Obtain an electronic copy from: Karenvan@HL7.org

Order from: Karen Van Hentenryck, (734) 677-7777 Ext 104, Karenvan@HL7.org

Send comments (with copy to psa@ansi.org) to: Same

HL7 (Health Level Seven)

Reaffirmation

BSR/HL7 V3 XMLITSDT, R1-2004 (R201x), Health Level Seven Version 3 Standard: XML Implementation Technology Specification - Data Types, Release 1 (reaffirmation of ANSI/HL7 V3 XMLITSDT, R1-2004)

The xml implementation of HL7 Abstract Data Types R1.

Single copy price: Free (HL7 members); $705.00 (non-members)

Obtain an electronic copy from: Karenvan@HL7.org

Order from: Karen Van Hentenryck, (734) 677-7777 Ext 104, Karenvan@HL7.org

Send comments (with copy to psa@ansi.org) to: Same

HL7 (Health Level Seven)

Reaffirmation

BSR/HL7 V3 XMLITSSTR, R1-2005 (R201x), HL7 Version 3 Standard: XML Implementation Technology Specification - Structures, Release 1 (reaffirmation of ANSI/HL7 V3 XMLITSSTR, R1-2005)

The document being reaffirmed is the first release of the XML Implementation Technology Specification (XML ITS) that references the XML Data Types R1.

Single copy price: Free (HL7 members); $705.00 (non-members)

Obtain an electronic copy from: Karenvan@HL7.org

Order from: Karen Van Hentenryck, (734) 677-7777 Ext 104, Karenvan@HL7.org

Send comments (with copy to psa@ansi.org) to: Same

HPS (ASC N43) (Health Physics Society)

New Standard

BSR N43.4-201x, Classification of Radioactive Self-Luminous Light Sources (new standard)

This standard establishes the classification of certain radioactive self-luminous light sources according to radionuclide, type of source, activity, and performance requirements. The standard does not attempt to establish design or safety standards, but leaves the design features to the judgment of the supplier and user, provided that the performance requirements are met.

Single copy price: $20.00

Obtain an electronic copy from: njohnson@burkinc.com

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

Send comments (with copy to psa@ansi.org) to: Same

HPS (ASC N43) (Health Physics Society)

New Standard

BSR N43.5-201x, Radiological Safety Standard for the Design of Radiographic and Radioscopic Non-Medical X-Ray Equipment Below 1 MeV (new standard)

This standard provides guidelines specific to the radiation safety aspects of the design of non-medical x-ray equipment operating at energies below 1 MeV for radiographic and radioscopic applications, wherein the x-rays are generated by electronic means.

Single copy price: $20.00

Obtain an electronic copy from: njohnson@burkinc.com

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

Send comments (with copy to psa@ansi.org) to: Same

ISEA (International Safety Equipment Association)

Revision

BSR/ISEA 113-201x, Fixed and Portable Decontamination Shower Units (revision of ANSI/ISEA 113-2008)

This standard addresses testing and performance criteria for fixed and portable decontamination shower units designed for facilities used by first responders and receiving medical facilities for intially treating victims of hazardous materials exposure.

Single copy price: $15.00

Obtain an electronic copy from: Cristine Fargo

Order from: Cristine Fargo, (703) 525-1695, cfargo@safetyequipment.org

Send comments (with copy to psa@ansi.org) to: Same

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

Reaffirmation

INCITS/ISO/IEC 9973-1994 (R201x), Information technology - Computer graphics, image processing and environmental data representation - Procedures for registration of items (reaffirmation of INCITS/ISO/IEC 9973 -1994 (R2004))

ISO/IEC 9973:2006 specifies procedures to be followed in preparing, maintaining, and publishing a register of identifiers and meanings for International Standards under the direction of ISO/IEC JTC 1/SC 24. Registration procedures do not assign values of identifiers that are defined as being workstation-dependent by specific graphics standards. The register of font appearance in the ISO/IEC JTC 1/SC 24 register for graphical items is not intended to address the broader issues of general-purpose font registration.

Single copy price: $30.00

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

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

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

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

Reaffirmation

INCITS/ISO/IEC 19775-1-2008 (R201x), Information technology - Computer graphics and image processing - Extensible 3D (X3D) - Part 1: Architecture and base components (reaffirmation of INCITS/ISO/IEC 19775-1-2008)

ISO/IEC 19775, X3D, defines a software system that integrates network-enabled 3D graphics and multimedia. Conceptually, each X3D application is a 3D time-based space that contains graphic and aural objects that can be dynamically modified through a variety of mechanisms. This part of ISO/IEC 19775 defines the architecture and base components of X3D. ISO/IEC 19775-1:2008 does not define physical devices or any other implementation-dependent concepts (e.g., screen resolution and input devices). It is intended for a wide variety of devices and applications, and provides wide latitude in interpretation and implementation of the functionality.

Single copy price: $30.00

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

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

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

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

Reaffirmation

INCITS/ISO/IEC 19777-1:2006, Information technology - Computer graphics and image processing - Extensible 3D (X3D) language bindings - Part 1: ECMA Script (reaffirmation of INCITS/ISO/IEC 19777-1-2008)

For integration into a programming language, the X3D abstract interfaces are embedded in a language-dependent layer obeying the particular conventions of that language. ISO/IEC 19777-1:2006 specifies such a language-dependent layer for the ECMAScript language. ISO/IEC 19775-2 specifies a language-independent application programmer interface (API) to a set of services and functions.

Single copy price: $30.00

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

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

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

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

Reaffirmation

INCITS/ISO/IEC 19777-2:2006, Information technology - Computer graphics and image processing - Extensible 3D (X3D) language bindings - Part 2: Java (reaffirmation of INCITS/ISO/IEC 19777-2-2008)

The Extensible 3D (X3D) specification, ISO/IEC 19775, specifies a language-independent application programmer interface (API) to a set of services and functions. For integration into a programming language, the X3D abstract interfaces are embedded in a language-dependent layer obeying the particular conventions of that language. ISO/IEC 19777-2:2006 specifies such a language-dependent layer for the Java programming language.

Single copy price: $30.00

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

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

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

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

Reaffirmation

INCITS/ISO/IEC 9593-4-1991 - Amendment 2-2008 (R201x), Information technology - Computer Graphics - Programmers Hierarchical Interactive Graphics System (PHIGS) language bindings - Part 4: C' - Amendment 2: Incorporation of PHIGS amendments (reaffirmation of INCITS/ISO/IEC 9593-4-1991 - Amendment 2-2008)

This is the second amendment to ISO/IEC 9593-4:1991 that specifies a languag- independent nucleus of a graphics system. ISO/IEC 9593-4:1991 specifies also a language-dependent layer for the C language. Annexes A, B, C, D, and E are for information only.

Single copy price: $30.00

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

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

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

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

Stabilized Maintenance

INCITS/ISO/IEC 9593-3-1990 (S201x), Information technology - Computer Graphics - Programmer's Hierarchical Interactive Graphics System (PHIGS) Language Bindings - Part 3: ADA (formerly X3.144.3-1989) (stabilized maintenance of INCITS/ISO/IEC 9593-3-1990 (R2008))

ISO/IEC 9592 specifies a language independent nucleus of a graphics system. For integration into a programming language, PHIGS is embedded in a language-dependent layer obeying the particular conventions of that language. This part of ISO/IEC 9593 specifies such a language-dependent layer for the Ada computer programming language.

Single copy price: $30.00

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

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

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

PLASA (PLASA North America)

Revision

BSR E1.21-201x, Entertainment Technology - Temporary Ground-Supported Structures Used to Cover the Stage Areas and Support Equipment in the Production of Outdoor Entertainment Events (revision of ANSI E1.21-2006)

ANSI E1.21 is being revised to cover the design, manufacture, and use of all the portable structures (not only roofs) used to support scenery, lighting, and sound equipment, and to cover the stages in the production of outdoor entertainment events. Excluded are structures for the public, such as audience bleachers and food vendor stands.

Single copy price: Free

Obtain an electronic copy from: http://tsp.plasa.org/tsp/documents/public_review_docs.php

Order from: Karl Ruling, (212) 244-1505, karl.ruling@plasa.org

Send comments (with copy to psa@ansi.org) to: Same

RESNET (Residential Energy Services Network, Inc.)

New Standard

BSR/RESNET FDS 301-201x, Standard for the Calculation and Labeling of the Energy Performance of Low-Rise Residential Buildings using the HERS Index (new standard)

For residential buildings, the proposed standard will identify the metrics, tolerances, procedures, calculations and the required documentation to: (1) Calculate the standard energy use of a home; (2) Determine the HERS Index score of a home; (3) Define the minimum rated features of a home; (4) Calculate the retrofit savings for existing homes; (5) Calculate the cost effectiveness of energy improvements to a home; and (6) Label the certified energy performance of a home.

Single copy price: $55.00

Obtain an electronic copy from: http://www1.resnet.us/comments/documents/301-201x/

Order from: Rick Dixon, (760) 408-5860, rick.dixon@resnet.us

Send comments (with copy to psa@ansi.org) to: Comments are submitted via RESNET's online comment form. See http://www1.resnet.us/comments/documents/301-201x/

SCTE (Society of Cable Telecommunications Engineers)

Revision

BSR/SCTE 68-201x, Drop Passives: Matching Transformers 75 Ohm to 300 Ohm (revision of ANSI/SCTE 68-2008)

The purpose of this document is to specify recommended mechanical and electrical standards for broadband radio frequency (RF) devices whose primary purpose is to provide impedance and connector match between 75Ω coaxial type F and 300Ω twin-lead open screw connectorized devices.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

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

Send comments (with copy to psa@ansi.org) to: standards@scte.org

SCTE (Society of Cable Telecommunications Engineers)

Revision

BSR/SCTE 77-201x, Specification for Underground Enclosure Integrity (revision of ANSI/SCTE 77-2010)

This standard covers conformance tests and requirements for the integrity of grade-level enclosures containing telecommunication or other low voltage apparatus that may be exposed to the public.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

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

Send comments (with copy to psa@ansi.org) to: standards@scte.org

TAPPI (Technical Association of the Pulp and Paper Industry)

New Standard

BSR/TAPPI T 511 om-201x, Folding endurance of paper (MIT tester) (new standard)

This method describes the use of the MIT-type apparatus for the determination of the folding endurance of paper. An exhaust fan arrangement maintains the folding head at room temperature. The MIT tester is suitable for papers of any thickness; however, if the outer fibrous layers of paper thicker than about 0.25 mm (0.01 in) rupture during the first few folds, the test loses its significance.

Single copy price: Free

Obtain an electronic copy from: standards@tappi.org

Order from: Charles Bohanan, (770) 209-7276, standards@tappi.org

Send comments (with copy to psa@ansi.org) to: Same

TIA (Telecommunications Industry Association)

Addenda

BSR/TIA 607-B-2-201x, Generic Telecommunications Bonding and Grounding (Earthing) for Customer Premises Addendum 2 - Structural Metal (addenda to ANSI/TIA 607-B-2011)

This Addendum specifies additional requirements for a telecommunications bonding and grounding system when using structural metal in place of the telecommunications bonding backbone (TBB) or grounding equalizer (GE). This addendum is not intended for verification of structural metal.

Single copy price: $61.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: Telecommunications Industry Association (TIA), standards@tiaonline.org

Send comments (with copy to psa@ansi.org) to: Same

TIA (Telecommunications Industry Association)

Withdrawal

ANSI/TIA 41.000-E-1[E]-2006, Wireless RadioTelecommunications Intersystems - Introduction to TIA-41 (withdrawal of ANSI/TIA 41.000-E-1[E]-2006)

The purpose of this standard is to identify those wireless services that require intersystem cooperation, to present the general background against which those services are to be provided, and to summarize the principal considerations that have governed and directed the particular approaches taken in the procedural recommendations. This part defines the range of application of the current issue of the series. It focuses on overall objectives and basic assumptions. Procedural details are presented in the other recommendations.

Single copy price: $174.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: Telecommunications Industry Association (TIA), standards@tiaonline.org

Send comments (with copy to psa@ansi.org) to: Same

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 641-2009 (R201x), Standard for Safety for Type L Low-Temperature Venting Systems (reaffirmation of ANSI/UL 641-2009)

UL proposes a reaffirmation for ANSI approval of UL 641.

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 psa@ansi.org) to: Nicolette Allen, (919) 549-0973, Nicolette.Allen@ul.com

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 1618-2009 (R201X), Standard for Safety for Wall Protectors, Floor Protectors, and Hearth Extensions (reaffirmation of ANSI/UL 1618-2009)

UL proposes a reaffirmation for ANSI approval of UL 1618.

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 psa@ansi.org) to: Nicolette Allen, (919) 549-0973, Nicolette.Allen@ul.com

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 2360-2004 (R201x), Standard for Safety for Test Methods for Determining the Combustibility Characteristics of Plastics Used in Semi-Conductor Tool Construction (reaffirmation of ANSI/UL 2360-2004 (R2008))

These requirements cover the test methods for measuring the fire performance of sheet plastics used in semi-conductor wet bench tool construction.

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 psa@ansi.org) to: Marcia Kawate, (408) 754-6743, Marcia.M.Kawate@ul.com

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 2561-2009 (R201X), Standard for Safety for 1400 Degree Fahrenheit Factory-Built Chimneys (reaffirmation of ANSI/UL 2561-2009)

UL proposes a reaffirmation for ANSI approval of UL 2561.

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 psa@ansi.org) to: Nicolette Allen, (919) 549 -0973, Nicolette.Allen@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 746B-201x, Standard for Safety for Polymeric Materials - Long Term Property Evaluations (revision of ANSI/UL 746B-2013)

The following change in requirements for UL 746B is being proposed: Generic RTI for silicone - two-component, addition-cure, vinyl, platinum catalyzed.

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 psa@ansi.org) to: Raymond Suga, (631) 546 -2593, raymond.m.suga@ul.com

Comment Deadline: June 11, 2013

AGMA (American Gear Manufacturers Association)

Reaffirmation

BSR/AGMA 9003-B-2008 (R201x), Flexible Couplings - Keyless Fits (reaffirmation of ANSI/AGMA 9003-B-2008)

This standard presents information on design, dimensions, tolerances, inspection, mounting, removal,and equipment that is in common use with keyless tapered and keyless straight (cylindrical) bore hubs for flexible couplings.

Single copy price: $63.00

Order from: Charles Fischer, (703) 684-0211, fischer@agma.org; tech@agma.org

Send comments (with copy to psa@ansi.org) to: Same

AGMA (American Gear Manufacturers Association)

Reaffirmation

BSR/AGMA 9009-D02 (R201x), Flexible Couplings - Nomenclature for Flexible Couplings (reaffirmation of ANSI/AGMA 9009-D02 (R2008))

This standard provides nomenclature common to flexible couplings and their application as used in mechanical power transmission drives.

Single copy price: $50.00

Order from: Charles Fischer, (703) 684-0211, fischer@agma.org; tech@agma.org

Send comments (with copy to psa@ansi.org) to: Same

AGMA (American Gear Manufacturers Association)

Reaffirmation

BSR/AGMA 9103-B-2008 (R201x), Flexible Couplings - Keyless Fits (Metric Edition) (reaffirmation of ANSI/AGMA 9103-B-2008)

This standard presents information on design, dimensions, tolerances, inspection, mounting, removal, and equipment that is in common use with keyless tapered and keyless straight (cylindrical) bore hubs for flexible couplings.

Single copy price: $57.00

Order from: Charles Fischer, (703) 684-0211, fischer@agma.org; tech@agma.org

Send comments (with copy to psa@ansi.org) to: Same

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME A112.19.1/CSA B45.2-201x, Enamelled Cast Iron and Enamelled Steel Plumbing Fixtures (revision, redesignation and consolidation of ANSI/ASME A112.19.1-2008/CSA B45.2-2008 and Updates Nos. 1 & 2)

This Standard covers enamelled cast iron and enamelled steel plumbing fixtures and specifies requirements for materials, construction, performance, testing, and markings.

This Standard covers the following plumbing fixtures: (a) bathtubs; (b) drinking fountains and water coolers; (c) lavatories; (d) shower bases; and (e) sinks: (i) kitchen and bar sinks; (ii) laundry sinks; (iii) service sinks; and (iv) utility sinks.

Single copy price: Free

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

Send comments (with copy to psa@ansi.org) to: Angel Guzman, (212) 591 -8018, guzman@asme.org

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME A112.19.2/CSA B45.1-201x, Ceramic plumbing fixtures (revision, redesignation and consolidation of ANSI/ASME A112.19.2 -2008/CSA B45.1-2008, Updates #1 & #2)

This Standard covers vitreous and non-vitreous china plumbing fixtures and specifies requirements for materials, construction, performance, testing, and markings. This Standard's performance requirements and test procedures apply to all types of water closets and urinals that discharge into gravity drainage systems in permanent buildings and structures, independent of occupancy.

This Standard covers the following plumbing fixtures: (a) bathtubs; (b) bidets; (c) drinking fountains; (d) fixtures for institutional applications; (e) lavatories; (f) shower bases; (g) sinks: (i) laboratory sinks; (ii) laundry sinks; (iii) service sinks; and (iv) utility sinks; (h) urinals; and (i) water closets.

Single copy price: Free

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

Send comments (with copy to psa@ansi.org) to: Angel Guzman, (212) 591 -8018, guzman@asme.org

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:

CSA (CSA Group)

BSR/CSA NGV 3.1a-201x, Fuel System Components for Natural Gas Vehicles (same as CSA 12.3a) (addenda to ANSI/CSA NGV3.1-2012)

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.

AHAM (Association of Home Appliance Manufacturers)

Office: 1111 19th Street NW, Suite 402
Washington, DC 20036

Contact: *Rehan Ehsan*

Phone: (202) 872-5955

Fax: ()

E-mail: rehsan@aham.org

BSR/AHAM AC-2-201x, Method for Sound Testing of Portable Household Electric Room Air Cleaners (revision of ANSI/AHAM AC-2 -2006 (R2008))

BSR/AHAM DH-1-201x, Dehumidifiers (revision of ANSI/AHAM DH-1 -2008)

BSR/AHAM RAC-1-201x, Room Air Conditioners (revision of ANSI/AHAM RAC-1-2008)

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

Office: 2111 Wilson Boulevard
Suite 500
Arlington, VA 22201

Contact: *Daniel Abbate*

Phone: (703) 600-0327

Fax: (703) 562-1942

E-mail: dabbate@ahrinet.org

BSR/AHRI Standard 220-201x, Reverberation Room Qualification and Testing Procedures for Determining Sound Power of HVAC Equipment (new standard)

BSR/AHRI Standard 260 (I-P)-201x, Sound Rating of Ducted Air Moving and Conditioning Equipment (revision and partition of ANSI/AHRI Standard 260-2011)

BSR/AHRI Standard 261 (SI)-201x, Sound Rating of Ducted Air Moving and Conditioning Equipment (revision and partition of ANSI/AHRI Standard 260-2011)

BSR/AHRI Standard 570 (I-P)-201x, Performance Rating of Positive Displacement Carbon Dioxide Refrigerant Compressors and Compressor Units (new standard)

BSR/AHRI Standard 570 (I-P)-201x, Performance Rating of Positive Displacement Carbon Dioxide Refrigerant Compressors and Compressor Units (new standard)

BSR/AHRI Standard 571 (SI)-201x, Performance Rating of Positive Displacement Carbon Dioxide Refrigerant Compressors and Compressor Units (new standard)

BSR/AHRI Standard 810 (I-P)-201x, Performance Rating of Automatic Commercial Ice-Makers (revision and partition of ANSI/AHRI Standard 810-2003)

BSR/AHRI Standard 811 (SI)-201x, Performance Rating of Automatic Commercial Ice-Makers (revision and partition of ANSI/AHRI Standard 810-2003)

BSR/AHRI Standard 920-201x, Performance Rating of DX-Dedicated Outdoor Air System Units (new standard)

BSR/AHRI Standard 550/590 (I-P)-2012 with Addendum 1, Performance Rating of Water-Chilling and Heat Pump Water-Heating Packages Using the Vapor Compression Cycle (revision of ANSI/AHRI Standard 550/590 (I-P)-2012 with Addendum 1)

ISA (ISA)

Office: 67 T.W. Alexander Dr.
Durham, NC 27709

Contact: *Linda Wolffe*

Phone: (919) 990-9257

Fax: (919)549-8288

E-mail: lwolffe@isa.org

BSR/ISA 97.00.01-201x, Face-to-face Dimensions of Flanged Vortex Flow Meters (new standard)

BSR/ISA 97.00.02-201x, Wafer Style Vortex Flowmeters - Overall Length (new standard)

ISEA (International Safety Equipment Association)

Office: 1901 North Moore Street, Suite 808
Arlington, VA 22209

Contact: *Cristine Fargo*

Phone: (703) 525-1695

Fax: (703) 525-1698

E-mail: cfargo@safetyequipment.org

BSR/ISEA 113-201x, Fixed and Portable Decontamination Shower Units (revision of ANSI/ISEA 113-2008)

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; rporter@itic.org

INCITS/ISO/IEC 9593-3-1990 (S201x), Information technology - Computer Graphics - Programmer's Hierarchical Interactive Graphics System (PHIGS) Language Bindings - Part 3: ADA (formerly X3.144.3 -1989) (stabilized maintenance of INCITS/ISO/IEC 9593-3-1990 (R2008))

INCITS/ISO/IEC 9973-1994 (R201x), Information technology - Computer graphics, image processing and environmental data representation - Procedures for registration of items (reaffirmation of INCITS/ISO/IEC 9973-1994 (R2004))

INCITS/ISO/IEC 19775-1-2008 (R201x), Information technology - Computer graphics and image processing - Extensible 3D (X3D) - Part 1: Architecture and base components (reaffirmation of INCITS/ISO/IEC 19775-1-2008)

INCITS/ISO/IEC 19777-1:2006, Information technology - Computer graphics and image processing - Extensible 3D (X3D) language bindings - Part 1: ECMA Script (reaffirmation of INCITS/ISO/IEC 19777-1-2008)

INCITS/ISO/IEC 19777-2:2006, Information technology - Computer graphics and image processing - Extensible 3D (X3D) language bindings - Part 2: Java (reaffirmation of INCITS/ISO/IEC 19777-2 -2008)

INCITS/ISO/IEC 9593-4-1991 Amendment 2-2008 (R201x), Information technology - Computer Graphics - Programmers Hierarchical Interactive Graphics System (PHIGS) language bindings - Part 4: C' - Amendment 2: Incorporation of PHIGS amendments (reaffirmation of INCITS/ISO/IEC 9593-4-1991 Amendment 2-2008)

NIST/ITL (National Institute of Standards and Technology/Information Technology Laboratory)

Office: 100 Bureau Drive
Gaithersburg, MD 20899-8940

Contact: *Brad Wing*

Phone: (301) 975-5663

Fax: (301) 975-5287

E-mail: Brad.Wing@NIST.Gov

BSR/NIST-ITL 1-201x, Data Format for the Interchange of Fingerprint, Facial & Other Biometric Information (revision of ANSI/NIST-ITL 1 -2011)

TIA (Telecommunications Industry Association)

Office: 1320 North Courthouse Road
Suite 200
Arlington, VA 22201

Contact: *Stephanie Montgomery*

Phone: (703) 907-7706

Fax: (703) 907-7727

E-mail: standards@tiaonline.org

ANSI/TIA 41.000-E-1[E]-2006, Wireless RadioTelecommunications Intersystems - Introduction to TIA-41 (withdrawal of ANSI/TIA 41.000-E-1[E]-2006)

BSR/TIA 607-B-2-201x, Generic Telecommunications Bonding and Grounding (Earthing) for Customer Premises - Addendum 2: Structural Metal (addenda to ANSI/TIA 607-B-2011)

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.

AGMA (American Gear Manufacturers Association)

Reaffirmation

ANSI/AGMA 9005-E-2002 (R2013), Industrial Gear Lubrication (reaffirmation of ANSI/AGMA 9005-E-2002 (R2008)): 4/10/2013

Revision

ANSI/AGMA 1102-2013, Tolerance Specification for Gear Hobs (revision of ANSI/AGMA 1102-2003 (R2010)): 4/8/2013

ASME (American Society of Mechanical Engineers)

New Standard

ANSI/ASME B89.3.7-2013, Granite Surface Plates (new standard): 4/8/2013

Reaffirmation

ANSI/ASME Y32.18-1972 (R2013), Symbols for Mechanical and Acoustical Elements as Used in Schematic Diagrams (reaffirmation of ANSI/ASME Y32.18-1972 (R2008)): 4/8/2013

ASTM (ASTM International)

Reaffirmation

ANSI/ASTM E1714-2007 (R2013), Guide for Properties of a Universal Healthcare Identifier (UHID) (reaffirmation of ANSI/ASTM E1714 -2007): 3/26/2013

ANSI/ASTM E1715-2001 (R2013), Practice for an Object-Oriented Model for Registration, Admitting, Discharge, and Transfer (RADT) Functions in Computer-Based Patient Record Systems (reaffirmation of ANSI/ASTM E1715-2001 (R2008)): 3/26/2013

ANSI/ASTM E1762-1997 (R2013), Guide for Electronic Authentication of Health Care Information (reaffirmation of ANSI/ASTM E1762 -1997 (R2009)): 3/26/2013

ANSI/ASTM E1985-1998 (R2013), Guide for User Authentication and Authorization (reaffirmation of ANSI/ASTM E1985-1998 (R2006)): 3/26/2013

ANSI/ASTM E1986-2009 (R2013), Guide for Information Access Privileges to Health Information (reaffirmation of ANSI/ASTM E1986 -2009): 3/26/2013

ANSI/ASTM E2145-2007 (R2013), Practice for Information Modeling (reaffirmation of ANSI/ASTM E2145-2007): 3/26/2013

ANSI/ASTM E2147-2009 (R2013), Specification for Audit and Disclosure Logs for Use in Health Information Systems (reaffirmation of ANSI/ASTM E2147-2009): 3/26/2013

ANSI/ASTM E2171-2002 (R2013), Practice for Rating-Scale Measures Relevant to the Electronic Health Record (reaffirmation of ANSI/ASTM E2171-2002 (R2008)): 3/26/2013

ANSI/ASTM E2457-2007 (R2013), Terminology for Healthcare Informatics (reaffirmation of ANSI/ASTM E2457-2007): 3/26/2013

ANSI/ASTM E2522-2007 (R2013), Guide for Quality Indicators for Health Classifications (reaffirmation of ANSI/ASTM E2522-2007): 3/26/2013

ANSI/ASTM E2553-2007 (R2013), Guide for Implementation of a Voluntary Universal Healthcare Identification System (reaffirmation of ANSI/ASTM E2553-2007): 3/26/2013

ANSI/ASTM E2595-2007 (R2013), Guide for Privilege Management Infrastructure (reaffirmation of ANSI/ASTM E2595-2007): 3/26/2013

ANSI/ASTM F858-2007 (R2013), Specification for Hot Water Sanitizing Commercial Dishwashing Machines, Single Tank, Conveyor Rack Type (reaffirmation of ANSI/ASTM F858-2007): 3/26/2013

ANSI/ASTM F860-2007 (R2013), Specification for Hot Water Sanitizing Commercial Dishwashing Machines, Multiple Tank, Rackless Conveyor Type (reaffirmation of ANSI/ASTM F860-2007): 3/26/2013

ANSI/ASTM F1021-2007 (R2013), Specification for Feeders, Detergent, Rinse Agent, and Sanitizing Agent for Commercial Dishwashing and Glasswashing Machines (reaffirmation of ANSI/ASTM F1021-2007): 3/26/2013

Revision

ANSI/ASTM F1371-2013, Specification for Vegetable Peeling Machines, Electric (revision of ANSI/ASTM F1371-2009): 3/26/2013

ANSI/ASTM F2508-2013, Practice for Validation and Calibration of Walkway Tribometers Using Reference Surfaces (revision of ANSI/ASTM F2508-2012): 4/1/2013

ATIS (Alliance for Telecommunications Industry Solutions)

New Standard

ANSI ATIS 0600029-2013, Standard for Irreversible Compression Lugs, Inline Splices, and Taps (new standard): 4/8/2013

Reaffirmation

ANSI ATIS 0600308-2008 (R2013), Central Office Equipment - Electrostatic Discharge Immunity Requirements (reaffirmation of ANSI ATIS 0600308-2008): 4/8/2013

ANSI ATIS 0600317-1993 (R2013), Uniform Language for Accessing Power Plants - Human-Machine Language (reaffirmation of ANSI ATIS 0600317-1993 (R2008)): 4/8/2013

Revision

ANSI ATIS 0100012-2013, Standard Outage Classification (revision of ANSI ATIS 0100012-2007): 4/8/2013

ANSI ATIS 0300216-2013, Integrated Services Digital Network (ISDN) Management - Basic Rate Physical Layer (revision of ANSI ATIS 0300216-1998 (R2007)): 4/8/2013

ANSI ATIS 0300217-2013, Integrated Service Digital Network (ISDN) Management - Primary Rate Physical Layer (revision of ANSI ATIS 0300217-1991 (R2007)): 4/8/2013

ANSI ATIS 0300218-2013, Integrated Services Digital Network (ISDN) Management - Data-Link and Network Layers (revision of ANSI ATIS 0300218-1999 (R2010)): 4/8/2013

ANSI ATIS 0300219-2013, Integrated Services Digital Network (ISDN) Management - Overview and Principles (revision of ANSI ATIS 0300219-1991 (R2007)): 4/8/2013

ANSI ATIS 0600015.03-2013, Energy Efficiency for Telecommunications Equipment: Methodology for Measurement and Reporting for Router and Ethernet Switch Products (revision of ANSI ATIS 0600015.03-2009): 4/9/2013

AWS (American Welding Society)

Addenda

ANSI/AWS D14.3/D14.3M-2010-AMD1-2013, Specification for Welding Earthmoving, Construction, and Agricultural Equipment (addenda to ANSI/AWS D14.3/D14.3M-2010): 4/10/2013

NCPDP (National Council for Prescription Drug Programs)

Revision

ANSI/NCPDP Audit Transaction v2.1-2013, NCPDP Audit Transaction Standard Version 2.1-2013 (revision): 4/10/2013

ANSI/NCPDP Medical Rebate Standard v02.01-2013, NCPDP Medical Rebate Data Submission Standard v02.01 (revision): 4/10/2013

ANSI/NCPDP Post Adj v4.2-2013, NCPDP Post Adjudication Standard v4.2-2013 (revision): 4/10/2013

ANSI/NCPDP Prescription Transfer Standard v3.1-2013, NCPDP Prescription Transfer Standard v3.1-2013 (revision): 4/10/2013

ANSI/NCPDP SC Standard 20130401-2013, NCPDP SCRIPT Standard 20130401 (revision): 4/10/2013

ANSI/NCPDP Specialized Standard 20130401-2013, NCPDP Specialized Standard 20130401 (revision): 4/10/2013

ANSI/NCPDP TC vE.2-2013, NCPDP Telecommunication Standard vE.2-2013 (revision): 4/10/2013

NEMA (ASC C78) (National Electrical Manufacturers Association)

Revision

ANSI ANSLG C78.43-2013, Single-Ended Metal Halide Lamps (revision of ANSI ANSLG C78.43-2009): 4/8/2013

NEMA (ASC C8) (National Electrical Manufacturers Association)

Withdrawal

* ANSI/NEMA WC 63.2-1996, Performance Standard for Coaxial Premise Data Communications Cables (withdrawal of ANSI/NEMA WC 63.2-1996 (R2005)): 4/10/2013

NEMA (National Electrical Manufacturers Association)

Revision

ANSI/NEMA MW 1000-2013, Magnet Wire (revision of ANSI/NEMA MW 1000-2011): 4/8/2013

SPI (The Society of the Plastics Industry, Inc.)

Reaffirmation

ANSI/SPI B151.1-2007 (R2013), Plastics Machinery - Horizontal Injection Molding Machines - Safety Requirements for Manufacture, Care, and Use (reaffirmation of ANSI/SPI B151.1-2007): 4/9/2013

TIA (Telecommunications Industry Association)

Reaffirmation

ANSI/TIA 455-20-B-2004 (R2013), FOTP-20 IEC-60793-1-46 Optical Fibres - Part 1-46: Measurement Methods and Test Procedures - Monitoring of Changes in Optical Transmittance (reaffirmation of ANSI/TIA 455-20-B-2004): 4/4/2013

ANSI/TIA 664-514-B-2007 (R2013), Wireless Features Description: Mobile Access Hunting (MAH) (reaffirmation of ANSI/TIA 664-514-B -2007): 4/4/2013

ANSI/TIA 664-526-B-2007 (R2013), Wireless Features Description: Calling Name Presentation (CNAP) (reaffirmation of ANSI/TIA 664 -526-B-2007): 4/4/2013

Revision

ANSI/TIA 102.CAAA-D-2013, Digital C4FM/CQPSK Transceiver Measurement Methods (revision and redesignation of ANSI/TIA 102. CAAA-C-2008): 4/10/2013

UL (Underwriters Laboratories, Inc.)

Reaffirmation

ANSI/UL 218A-2004 (R2013), Battery Contactors for Use in Diesel Engines Driving Centrifugal Fire Pumps (reaffirmation of ANSI/UL 218A-2004): 4/5/2013

ANSI/UL 887-2004 (R2013), Standard for Safety for Delayed-Action Timelocks (Proposal Dated 1/18/13) (reaffirmation of ANSI/UL 887 -2004 (R2008)): 4/9/2013

Revision

ANSI/UL 746E-2013, Standard for Safety for Polymeric Materials - Industrial Laminates, Filament Wound Tubing, Vulcanized Fibre, and Materials Used in Printed-Wiring Boards (revision of ANSI/UL 746E-2012): 4/5/2013

ANSI/UL 2586-2013, Standard for Safety for Hose Nozzle Valves (revision of ANSI/UL 2586-2012): 3/27/2013

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.

AHAM (Association of Home Appliance Manufacturers)

Office: 1111 19th Street NW, Suite 402
Washington, DC 20036

Contact: *Rehan Ehsan*

Fax: ()

E-mail: rehsan@aham.org

* BSR/AHAM AC-2-201x, Method for Sound Testing of Portable Household Electric Room Air Cleaners (revision of ANSI/AHAM AC-2 -2006 (R2008))

Stakeholders: Manufacturers and consumer groups.

Project Need: General revision and update.

The standard method provides a means to compare and evaluate different models of portable household electric room air cleaners regarding their generated sound levels.

* BSR/AHAM DH-1-201x, Dehumidifiers (revision of ANSI/AHAM DH-1 -2008)

Stakeholders: Manufacturers and consumer groups.

Project Need: General revision and update.

This standard establishes a uniform, repeatable procedure for measuring the capacity and energy input of dehumidifiers under specified test conditions.

* BSR/AHAM RAC-1-201x, Room Air Conditioners (revision of ANSI/AHAM RAC-1-2008)

Stakeholders: Manufacturers and consumer groups.

Project Need: General revision and update.

This standard establishes standard methods for measuring performance and includes sections on definitions, test conditions, tests for standard measurements, performance tests, and safety, which apply to room air conditioners.

ASPE (American Society of Plumbing Engineers)

Office: 6400 Shafer Court, Suite 350
Des Plaines, IL 60018

Contact: *Gretchen Pienta*

Fax: (847) 296-2963

E-mail: gpienta@aspe.org

BSR/ASPE 59-201x, Grease Interceptor System Design (new standard)

Stakeholders: Plumbing engineers, designers, contractors, code officials, inspectors.

Project Need: This standard establishes the minimum design requirements for grease interceptor systems.

This standard is intended to cover the design of grease interceptor systems for commercial applications. This standard is not a product standard; it is intended to provide the minimum requirements an engineer/designer must follow to design a properly functioning system.

AWS (American Welding Society)

Office: 8669 Doral Blvd.
Suite 130
Doral, FL 33166

Contact: *Rosalinda O'Neill*

Fax: (305) 443-5951

E-mail: roneill@aws.org; adavis@aws.org

BSR/AWS D16.5M/D16.5-201x, Training Guide for Robotic Arc Welders (new standard)

Stakeholders: Certified Robotic Arc Welding personnel.

Project Need: This training guide would be used as supplementary material for robotic are welding personnel.

Provides technical information necessary to train personnel in the safe and effective use of industrial welding robots and welding robot systems. The training guide includes a summary of the requisite education resources required for training and the emphasis will be placed on the training individuals in accordance with the principles of the AWS D16.4 Certified Robot Arc Welder (CRAW) program. The training guide is designed for use by all robot arc welding personnel and it is not intended to be used exclusively in support of the CRAW program.

HL7 (Health Level Seven)

Office: 3300 Washtenaw Avenue
Suite 227
Ann Arbor, MI 48104

Contact: *Karen Van Hentenryck*

Fax: (734) 677-6622

E-mail: Karenvan@HL7.org

BSR/HL7 V3 TR AB, R1-201x, HL7 Version 3 Standard: Abstract Transport Specification, Release 1 (new standard)

Stakeholders: Developers of Implementable Technology Specifications.

Project Need: The standard defines the basis for the Implementable Technology Specifications that are developed.

The Abstract Transports Specification (ATS) describes the functional characteristics of the messaging infrastructures that are of general interest to HL7 applications, such as reliable messaging, delivery assurances, addressing etc., and logical devices, such as gateways and bridges, which participate in the movement of composite messages between senders and receivers.

HPS (ASC N13) (Health Physics Society)

Office: 1313 Dolley Madison Blvd, Suite 402
McLean, VA 22101

Contact: *Nancy Johnson*

Fax: (703) 790-2672

E-mail: njohnson@burkinc.com

BSR N13.22-201x, Bioassay Program for Uranium (new standard)

Stakeholders: Regulator/government; uranium mining/milling, nuclear fuel fabrication, DOE, Universities, as well as others industry sectors can be affected.

Project Need: This action would adopt the existing form of N13.22 -1995 without change and again make it a current ANS. The direction provided by N13.22 remains appropriate for uranium bioassay programs today and is needed by government agencies, industry groups, and other uranium users. It is the intent of the working group to update the standard when ICRP 103-based biokinetic models and dose coefficients become available.

This standard provides criteria for establishing and managing a bioassay program to monitor and evaluate intakes from uranium, distributions of uranium within the body following intake, and the resulting radiation dose or possible chemical effects. Action levels are also provided in terms of measured bioassay quantities, to ensure for various uranium compounds and isotopic enrichments, that exposure to workers from internally deposited uranium will be maintained below acceptable limits.

IAPMO (Z) (International Association of Plumbing & Mechanical Officials)

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

Contact: *Abraham Murra*

Fax: (909) 472-4150

E-mail: abraham.murra@IAPMOstandards.org

* BSR/CSA B45.12/IAPMO Z402-201x, Copper and aluminum plumbing fixtures (new standard)

Stakeholders: Users, manufacturers, general interest.

Project Need: To develop a new harmonized standard for copper and aluminum plumbing fixtures that will benefit stakeholders across North America.

This Standard covers aluminum and copper plumbing fixtures and specifies requirements for materials, construction, performance, testing, and markings. This Standard covers the following plumbing fixtures:
(a) bathtubs and combination tub/showers;
(b) lavatories;
(c) shower bases and shower stalls; and
(d) sinks:
(i) bar sinks;
(ii) kitchen sinks;
(iii) laundry sinks; and
(iv) service sinks.

BSR/CSA B45.13/IAPMO Z1700-201x, Vacuum waste collection systems (new standard)

Stakeholders: Producers, users, and general interest.

Project Need: To develop a new harmonized standard for vacuum waste collection systems to benefit stakeholders across North America.

This Standard covers vacuum waste collection systems intended to extract and transport water, condensate from refrigerators, sanitary waste, greywater, or grease and specifies requirements for materials, construction, performance testing, and markings.

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BSR/IEEE 387-201x, Standard Criteria for Diesel-Generator Units Applied as Standby Power Supplies for Nuclear Power Generating Stations (revision of ANSI/IEEE 387-1995 (R2008))

Stakeholders: Nuclear Industry (utilities, regulators, consultants, manufactures and Architect/Engineering design firms).

Project Need: (1) Reflect current state-of-technology and operating experience gained over the past 20 years; (2) Address comments received during the reaffirmation process; (3) Consider Nuclear Regulatory Commission (NRC) comments on the standard generated in NRC Regulatory Guide 1.9, Rev 4, "Application and Testing of Safety-Related Diesel Generators in Nuclear Power Plants"

This standard defines the criteria for the application and testing of diesel-generator units as Class 1E standby power supplies in nuclear power generating stations.

BSR/IEEE 421.6-201x, Recommended Practice for the Specification and Design of Field Discharge Equipment for Synchronous Machines (new standard)

Stakeholders: Excitation system designers and manufacturers, power generation companies, power utilities involved in generation, synchronous machine manufacturers.

Project Need: This standard is needed in order to provide state-of-the-art specific technical information and requirements for field discharge circuits widely used in synchronous machine applications related to power generation, heavy industry, and electrical utilities.

This recommended practice serves as basic reference for the specification and design of field discharge circuits for synchronous machines. It also provides detailed information about field discharge that complements IEEE 421.4.-2004, Guide for Preparation of Excitation System Specification and includes many aspects of the withdrawn standard ANSI/IEEE C37.18-1979, Standard Enclosed Field Discharge Circuit Breakers. This document shows the most common field discharge circuits and defines the main design criteria and conditions for the main components of field discharge circuit for synchronous machines.

BSR/IEEE 497-201x, Standard Criteria for Accident Monitoring Instrumentation for Nuclear Power Generating Stations (revision of ANSI/IEEE 497-2010)

Stakeholders: Organizations that design or operate nuclear power generating stations.

Project Need: To incorporate lessons learned from industry events and to address other industry concerns.

The standard contains the functional and design criteria for accident monitoring instrumentation for new plant designs and nuclear power generating stations desiring to perform design modifications.

BSR/IEEE 742-201x, Standard for Bus Voltage Monitoring of the Class 1E Power Systems in Nuclear Power Generating Stations (NPGS) (new standard)

Stakeholders: Nuclear industry utilities, engineering design firms, regulators, and consultants.

Project Need: Industry experience has identified the need to establish the design requirements for Class 1E bus voltage monitoring. Certain aspects of voltage monitoring need to be established, such as the design requirements for ensuring Class 1E equipment can perform its design function during both steady-state and transient conditions.

This standard provides the principal design criteria, design features, and testing criteria for Class 1E ac power system bus voltage monitoring schemes in Nuclear Power Generating Stations (NPGS).

BSR/IEEE 802.15.4-201x/Cor 1-201x, Standard for Local and metropolitan area networks - Part 15.4: Low-Rate Wireless Personal Area Networks (LR-WPANs) - Corrigendum 1 (addenda to ANSI/IEEE 802.15.4-2011)

Stakeholders: Utilities, semiconductor manufacturers, sensor vendors.

Project Need: The 802.15.4 maintenance standing committee has identified a few errors in IEEE Std 802.15.4g-2012 and in IEEE Std 802.15.4e-2012.

This standard defines the physical layer (PHY) and medium access control (MAC) sublayer specifications for low-data-rate wireless connectivity with fixed, portable, and moving devices with no battery or very limited battery consumption requirements typically operating in the personal operating space (POS) of 10 m.

BSR/IEEE 802.21-201x, Standard for Local and metropolitan area networks - Part 21: Media Independent Services Framework (revision of ANSI/IEEE 802.21-2009)

Stakeholders: Mobility, handover, and other services (e.g., discovery) are important aspects in today's ubiquitous networking. It has a pervasive set of stakeholders that includes Semiconductor manufacturers, network equipment manufacturers, mobile and wireless device manufacturers, and network operators.

Project Need: IEEE Std 802.21 -2008 needs to have a revision initiated by the end of 2012 to allow consideration of future amendments per standards board policies. It is expected that this revision will include the merge of IEEE Std 802.21a-2012, parts of IEEE Std 802.21b-2012, IEEE Std 802.21c-201x, and IEEE Std 802.21d-201x, and allow to split the media-independent services specified in IEEE Std 802.21-2008 to 802.21.1.

This standard defines an extensible IEEE 802(R) media access independent services framework (i.e., function and protocol) that enables the optimization of handover and other services (e.g., discovery) between heterogeneous IEEE 802 networks. It also facilitates these services when networking between IEEE 802 networks and cellular networks.

BSR/IEEE 802.21.1-201x, Standard for Local and metropolitan area networks - Part 21.1: Media Independent Services (new standard)

Stakeholders: Mobility, handover, and other services (e.g., discovery) are important aspects in today's ubiquitous networking. It has a pervasive set of stakeholders that includes Semiconductor manufacturers, network equipment manufacturers, mobile and wireless device manufacturers, and network operators.

Project Need: This project will transfer the Media-Independent Services specification (e.g., Information Service, Command Service and Event Service) from IEEE Std 802.21-2008 and its amendments to the new standalone standard, IEEE Std 802.21.1. Such a split will result in more practical use of the Standard since not all use cases require all functionalities in IEEE Std 802.21-2008. It will also expedite the ongoing amendment activities and maintenance of the specification for future use cases.

This standard defines extensible handover and other services (e.g., discovery) that are used in conjunction with the Media Independent Services Framework as defined in IEEE Std 802.21.

BSR/IEEE 1106-201x, Recommended Practice for Installation, Maintenance, Testing, and Replacement of Vented Nickel-Cadmium Batteries for Stationary Applications (revision of ANSI/IEEE 1106 -2005 (R2011))

Stakeholders: Battery manufacturers, test-equipment manufacturers, battery users, regulatory bodies.

Project Need: The standard should be updated to reflect the latest thinking on best practices for Ni-Cd maintenance. The WG also intends to incorporate relevant content from the withdrawn IEEE 1145-1999 for Ni-Cd batteries in photovoltaic applications.

This document provides recommendations for installation design and procedures for installation, maintenance, and testing of vented nickel-cadmium batteries (including partially recombinant types) used for standby operation in stationary applications. This recommended practice also provides guidance for determining when these batteries should be replaced. Separate recommendations are provided for renewable energy systems (e.g., wind turbines and photovoltaic systems), which may provide only partial or intermittent charging.

BSR/IEEE 1115-201x, Recommended Practice for Sizing Nickel-Cadmium Batteries for Stationary Applications (revision of ANSI/IEEE 1115-2000 (R2006))

Stakeholders: Battery manufacturers, battery users, regulatory bodies.

Project Need: Addition of guidance for sizing Ni-Cd batteries for engine starting duties. General document update.

This recommended practice covers the sizing of nickel-cadmium batteries used for standby operation in stationary applications. Recommendations are provided for applications including, but not limited to, generating stations, substations, telecommunications, switchgear and control systems, compressor stations, emergency lighting and uninterruptible power supplies. Guidance is provided for sizing for engine starting applications.

BSR/IEEE 1394-201x, Standard for a High-Performance Serial Bus (revision of ANSI/IEEE 1394-2008)

Stakeholders: All companies that produce or use IEEE 1394 products or systems. There are currently more than 40 companies that are members of the 1394 Trade Association and more than 1 billion IEEE 1394 ports have been produced.

Project Need: The base standard was issued almost 5 years ago. Since then, a number of typos and other errors have been discovered. Some technical enhancements have also been made due to field experience with high-speed interfaces. All of these changes will be incorporated into the base document.

This standard describes a high-speed, low-cost serial bus suitable for use as a peripheral bus, a backup to parallel backplane buses, or a local area network.

BSR/IEEE 1647-201x, Standard for the Functional Verification Language e (revision of ANSI/IEEE 1647-2011)

Stakeholders: The stakeholders for the 'e' language are verification engineers for hardware, software and system projects and the tool developers for this community.

Project Need: Due to the rapid evolution of verification technology, a number of new features have been introduced in IEEE 1647-2008 compliant products during the development of IEEE 1647-2011. This revision project will bring the standard up to date with respect to these features.

This standard defines the e functional verification language. This standard aims to serve as an authoritative source for the definition of (a) syntax and semantics of e language constructs, (b) the e language interaction with standard simulation languages, and (c) e language libraries.

BSR/IEEE 1884-201x, Guide for Stray Current/Corrosion Mitigation for DC Rail Transit Systems (new standard)

Stakeholders: Engineering consultants, rail transit properties and bidders/contractors for stray current corrosion control and mitigation for DC Rail Transit Systems.

Project Need: Stray current corrosion issues associated with DC Rail Transit Systems are well documented. However, there is a need for a concise guide document that can be used by transit agencies as a framework for initially designing systems and for the ongoing maintenance of those systems. This guide will assist transit agencies in the establishment of key processes as well as design and maintenance requirements for the mitigation of stray current effects on new and existing DC rail transit systems.

The guide provides principles, techniques and data for the engineering design, installation, commissioning , monitoring and testing as well as control and mitigation methods for stray currents associated with DC Rail Transit Systems.

BSR/IEEE 1885-201x, Guide for Assessing, Measuring and Verifying Volt-Var Control Optimization on Distribution Systems (new standard)

Stakeholders: Electric utilities, electric utility equipment manufacturers, electric utilization equipment manufacturers, electric utility regulatory commissions, and volt-VAR optimization software vendors.

Project Need: This guide will establish uniform methods for distribution system modeling/measurements, load modeling/measurements and performing assessment studies and pilots to forecast and verify the benefits (e.g., energy savings, demand reduction, and loss reduction) of optimal volt-var control strategies.

This guide provides guidelines for assessing, evaluating and verifying the benefits and impact of (e.g., electric power demand, energy consumption and loss reduction) of volt-var control optimization on electric power distribution systems.

BSR/IEEE 1886.1-201x, Subsea Electrical Applications - Power Connectors & Penetrators from 1.2kV through 36kV Um (new standard)

Stakeholders: Oil & Gas Industries that use connectors and penetrators for subsea electrical applications.

Project Need: All existing International recognized standards cover high-voltage connectors and penetrators for use in terrestrial electrical applications but not subsea. Some of these terrestrial standards are IEEE 386, 48, 404, IEC 60502-4, etc.. This new IEEE subsea connector and penetrator standard is the first of a number of on-going electrical subsea standards that will define the future high-voltage electrical subsea electrical network system.

This standard applies to ac connectors and penetrators rated 1.2 kV < Um < 36kV for subsea electrical applications. Connector assemblies are accessories to a cable according to IEC 60502-1 dated 11/2009 and IEC 60502-2 dated 3/2005. This document presents design, testing, qualification, transportation, installation and operational requirements for wet-mateable and dry-mateable ac connector and penetrator assemblies for use in subsea technology systems. Excluded from the scope of this standard are subsea signal and control connectors and penetrators.

BSR/IEEE 1887-201x, Wayside Energy Storage System Guide for DC Traction Applications (new standard)

Stakeholders: Engineering consultants, rail transit properties, and bidders/contractors for traction power systems.

Project Need: There is no procedure available in any current documents that is applicable to specification, deployment, selection, and testing of Wayside energy storage.

The guide provides a description of the data, techniques and procedures applicable to specification, selection, deployment and testing of wayside energy storage system in DC traction power systems.

BSR/IEEE 1888.4-201x, Green Smart Home and Residential Quarter Control Network Protocol (new standard)

Stakeholders: Network operators, service and solution providers, equipment suppliers, and the public.

Project Need: This standard is based on IEEE 1888, which defines UGCCNet. In order to meet the needs of field network development for UGCCNet, it is necessary to develop appropriate standards to define that protocol.

This standard provides protocols for measurement and control networks for home and residential quarters so that they can achieve green, smarter functions. It specifies the interactive data format between devices and systems; and it gives standardized definitions of the sensor, actuator, and equipment and data communication interfaces. This standard also includes:
- The data format definition for configuration and management-oriented functions;
- The data format definition for deployment and control-oriented functions; and
- The method of definition for conformance tests and interoperability tests.

BSR/IEEE 1900.1-201x, Standard Definitions and Concepts for Dynamic Spectrum Access: Terminology Relating to Emerging Wireless Networks, System Functionality, and Spectrum Management (revision of ANSI/IEEE 1900.1-2008)

Stakeholders: Manufacturers of licensed/unlicensed wireless communications equipment, chip manufacturers, wireless communication service providers, and regulators.

Project Need: Lack of clear definitions and general agreement on key terms is an impediment to the deliberation and debate necessary to the refinement of new concepts and technologies. This document will assist this process by clarifying the terminology and how these technologies relate to each other. Further, it will provide a valuable resource for new entrants to the arena.

This standard provides definitions and explanations of key concepts in the fields of spectrum management, spectrum trading, cognitive radio, dynamic spectrum access, policy-based radio systems, software-defined radio, and related advanced radio system technologies. The document goes beyond simple, short definitions by providing amplifying text that explains these terms in the context of the technologies that use them. The document also describes how these technologies interrelate and create new capabilities while, at the same time, providing mechanisms supportive of new spectrum management paradigms.

BSR/IEEE 1900.5.2-201x, Method for Modeling Spectrum Consumption (new standard)

Stakeholders: The broad applicability of modeling in the activities of dynamic spectrum access and its role as a loose coupler will make it a catalyst for innovation in regulation, technology development, spectrum commerce, and spectrum management operations.

Project Need: This project will provide a common standard to define spectrum use so that spectrum can be shared among government, commercial, and public users as a commodity.

This standard defines a vendor-independent generalized method for modeling spectrum consumption of any type of use of RF spectrum and the attendant computations for arbitrating the compatibility among models. The methods of modeling are chosen to support the development of tractable algorithms for determining the compatibility between models and for performing various spectrum management tasks that operate on a plurality of models. The modeling methods are exclusively focused on capturing spectrum use but are defined in a schema that can be joined with other schemata related to spectrum management.

BSR/IEEE 11073-10406a-20XX, Health informatics - Personal health device communication Part 10406: Device specialization - Basic electrocardiograph (ECG) (1- to 3-lead ECG - Amendment (addenda to ANSI/IEEE 11073-10406-2011)

Stakeholders: People who use personal health devices in home and mobile environments, personal health device vendors, personal health manager vendors, institutions that may ultimately receive data from these devices (e.g., hospitals, doctor offices, diet and fitness companies), payers (e.g., insurance companies), regulatory agencies (e.g., food and drug administration), telemedicine consultants, and businesses.

Project Need: To clarify known issues in the IEEE Std. 11073 -10406:2011 standard and to adjust the original framework to better support the use case and implementations.

This amendment is intended to address the issues raised during the implementation of IEEE Std. 11073-10406:2011 up to now. This mainly include: (1) wrong partition code, (2) wrong type attribute, (3) the agent-init bit in Metric-Spec-Small, (4) mandating SetTime, (5) Mandating the ClearSegment, and (6) mandating the use of BO or absolute time stamps if an agent uses PM-Store.

BSR/IEEE 11073-10101a-201x, Health informatics - Point-of-care medical device communication - Nomenclature Amendment for additional definitions (addenda to ANSI/IEEE 11073-10101-2004)

Stakeholders: Medical device manufacturers, health care providers that use the devices, organizations that utilize these definitions (e.g., IHE).

Project Need: Though the 11073-10101 standard is under revision, it is anticipated that this will require another two years, given that the nomenclature is undergoing significant changes (e.g., moving to a database). This amendment will allow the industry to get needed definitions in place in the near term. NOTE: There has already been a significant delay in finalizing these definitions, given all the other revision changes that are underway.

This project will add new term definitions to the existing standardized set. It will contain a set of amendments to specific tables within the existing standard.

BSR/IEEE C37.13-201x, Standard for Low-Voltage AC Power Circuit Breakers Used in Enclosures (revision of ANSI/IEEE C37.13-2008)

Stakeholders: Users, manufacturers, purchasers, and those performing maintenance on low-voltage power circuit breakers.

Project Need: The first need for the project is to incorporate the amendment details of C37.13a-2012. The second need to for the incorporation of the preferred ratings previously included in IEEE Std. C37.16 including the required updates associated with preferred ratings.

This standard covers the following types and preferred ratings for enclosed low-voltage ac power circuit breakers: (a) Stationary or drawout type of two-, three-, or four-pole construction with one or more rated maximum voltages of 1058 V, 730 V, 635 V (600 V for units incorporating fuses), 508 V, or 254 V for application on systems having nominal voltages of 1000 V, 690 V, 600 V, 480 V, or 240 V; (b) Unfused or fused type; (c) Manually operated or power operated, with or without electromechanical or electronic trip devices; and (d) Fused drawouts consisting of current-limiting fuses in a drawout assembly.

BSR/IEEE C37.118.1a-201x, IEEE Standard for Synchrophasor Measurements for Power Systems Amendment to modify selected performance requirements (addenda to BSR/IEEE C37.118.1-201x)

Stakeholders: Vendors of power system equipment and software for display, control, and analysis as well as power system operators, planning staff, regulators, and generators.

Project Need: This PAR is being requested to make immediate modifications to the standard. The standard is specified as a requirement in several new installation projects and yet vendors are not able to meet the requirements. The key problem areas have been identified and only those will be revised so it can be realistically used with the many synchrophasor projects currently under way.

This standard is for synchronized phasor measurement systems in power systems. It defines a synchronized phasor (synchrophasor), frequency, and rate of change of frequency (ROCOF) measurements. It describes time tag and synchronization requirements for measurement of all three of these quantities. It specifies methods for evaluating these measurements and requirements for compliance with the standard under both static and dynamic conditions. It defines a phasor measurement unit (PMU), which can be a stand-alone physical unit or a functional unit within another physical unit.

BSR/IEEE C57.12.31-201x/Cor 1-201x, IEEE Standard for Pole-Mounted Equipment - Enclosure Integrity - Corrigendum 1: Correction to the SCAB Corrosion Test in Section 4.5.6 (addenda to ANSI/IEEE C57.12.31-2010)

Stakeholders: Electrical Utility industry and manufacturers of electrical distribution equipment.

Project Need: An error has been identified in the 2010 published version of IEEE Standard C57.12.31. During the C57 Enclosure Integrity Working Group's last review of the standard, some copy/paste modifications were made from the C57.12.28 to the C57.12.31 standard. In section 4.5.6, Simulated Corrosive Atmospheric Breakdown (SCAB) test, the number of cycles was changed from 10 to 15. The number of cycles in the C57.12.31 standard should be 10 as originally stated in the 2002 publication of the standard.

This standard covers conformance tests and requirements for the enclosure integrity of pole-mounted equipment containing apparatus energized in excess of 600 V, typically not accessible to the general public, such as but not limited to the following types of equipment: (a) pole-mounted distribution transformers, (b) pole-mounted switches, (c) pole-mounted regulators, d) pole-mounted metering equipment, (e) pole-mounted reclosers/sectionalizers, and (f) pole-mounted capacitors.

BSR/IEEE C57.160-201x, Guide for the Electrical Measurement of Partial Discharges in High Voltage Bushings and Instrument Transformers (new standard)

Stakeholders: Manufacturers and users of high-voltage bushings, PTs and CTs.

Project Need: At this time, there are no IEEE standards specifically covering the topic of measuring partial discharges on high-voltage bushings, potential transformers (PTs), and current transformers (CTs). Only general procedures for measurement of partial discharges are covered. Measurements of PD on power transformers are covered in detail in IEEE C57.113-2010, Recommended Practice for Partial Discharge Measurement in Liquid-Filled Power Transformers and Shunt Reactors.

This guide describes the test procedure for the electrical measurement of partial discharges (PDs) occurring in bushings and instruments transformers during AC dielectric tests. General principles of PD measurements, including the narrowband method, are covered in IEC 60270, High-voltage test techniques - Partial discharge measurements.

BSR/IEEE C62.42-201x, Guide for the Application of Surge-Protective Components in Surge Protective Devices and Equipment Ports - Overview (revision of ANSI/IEEE C62.42-2005)

Stakeholders: Manufacturers, designers and users of low-voltage power, data, communications, and signaling circuits or components.

Project Need: Protection circuits will often use several types of protective component. This guide will provide basic information on the characteristics of common protective component technologies to enable component selection. Guidance is given on the interaction and coordination of two or more components of different technologies. Common circuit configurations for protective components and their typical performance attributes are provided to help the selection of circuit type for a given application.

The C62.42 guide series covers surge protective components (SPCs) used in power and telecom surge protective devices (SPDs) and equipment ports. This Overview part covers:
- Protective functions, both non-linear and linear;
- Component technologies and characteristics;
- Common circuit designs used in surge protective devices (SPDs) and equipment ports; and
- Information on the impulse (surge) generators used to test surge protective components (SPCs).

BSR/IEEE C62.42.1-201x, Guide for the Application of Surge-Protective Components in Surge Protective Devices and Equipment Ports - Part 1: Gas Discharge Tubes (GDTs) (new standard)

Stakeholders: Manufacturers, designers and users of low-voltage power, data, communications, and signaling circuits or components.

Project Need: Although GDTs have been used for many decades, newcomers often misapply these components. This document attempts to correct this by enabling stakeholders to understand the application principles of GDTs.

The C62.42 guide series covers surge protective components (SPCs) used in power and telecom surge protective devices (SPDs) and equipment ports. This part on Gas Discharge Tube (GDT) technology SPCs covers:
- Component construction;
- Characteristics;
- Ratings; and
- Application examples.

BSR/IEEE C62.42.2-201x, Guide for the Application of Surge-Protective Components in Surge Protective Devices and Equipment Ports - Part 2: Metal-Oxide (new standard)

Stakeholders: Manufacturers, designers and users of low-voltage power, data, communications, and signaling circuits or components.

Project Need: MOVs are being increasingly used in equipment as well as the established SPD application. Electrical equipment has to be compliant to safety standards such as IEC 60950 and the new IEC 62368, These standards specify down to component level, setting the MOV minimum ratings and characteristics. But in some areas, there are different requirements between the safety standards. Therefore, it is important that these differences in application are comprehended in the selected component parameters.

The C62.42 guide series covers surge protective components (SPCs) used in power and telecom surge protective devices (SPDs) and equipment ports. This part on Metal-Oxide Varistor (MOV) technology SPCs covers:
- Component construction;
- Characteristics;
- Ratings; and
- Application examples.

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BSR/ISA 97.00.01-201x, Face-to-face Dimensions of Flanged Vortex Flow Meters (new standard)

Stakeholders: Users, vendors, regulatory bodies.

Project Need: There is a need to specify the process connection dimensions of sensing devices and thus promote innovation in sensor technology and interchangeability of similar devices.

This will specify the face-to-face dimensions for flanged vortex flow meters of size up to 12' (DN 300), of rating up to ANSI Class 600# (PN 100).

BSR/ISA 97.00.02-201x, Wafer Style Vortex Flowmeters - Overall Length (new standard)

Stakeholders: Users, vendors, regulatory bodies.

Project Need: There is a need to specify the process connection dimensions of sensing devices and thus promote innovation in sensor technology and interchangeability of similar devices.

This will specify the overall length (lay length face to face) for wafer style vortex flowmeters.

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BSR/NIST-ITL 1-201x, Data Format for the Interchange of Fingerprint, Facial & Other Biometric Information (revision of ANSI/NIST-ITL 1 -2011)

Stakeholders: Law enforcement; military; disaster victim identification; forensics communities.

Project Need: Integrate approved supplements; correct errata; add new portions to reflect evolving needs of the users.

Incorporates technical portions of the approved Supplements to ANSI/NIST-ITL into the text of the standard itself; corrects errata; adds new explanatory text where deemed necessary; and adds new data transmission capabilities in existing record types to meet user needs.

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BSR J-STD-036-C-1-201x, Enhanced Wireless 9-1-1 Phase II (addenda to ANSI J-STD-036-C-2011)

Stakeholders: Telecom operators and vendors.

Project Need: Provide updates for an existing standard.

This addendum is being created to assign two POSOUR codes to be used in association with two new CoS indicators for to support text to 911 and small fixed cells.

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)
- NAHBRC (NAHB Research Center, Inc.)
- 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.

ANSI-Accredited Standards Developers Contact Information

The addresses listed in this section are to be used in conjunction with standards listed in PINS, Call for Comment and Final Actions. This section is a list of developers who have submitted standards for this issue of *Standards Action* – it is not intended to be a list of all ANSI-Accredited Standards Developers. Please send all address corrections to Standards Action Editor at standact@ansi.org.

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ATIS
Alliance for Telecommunications Industry Solutions

1200 G Street, NW
Suite 500
Washington, DC 20005
Phone: (202) 434-8841
Fax: (202) 347-7125
Web: www.atis.org

AWS
American Welding Society

8669 Doral Blvd.
Suite 130
Doral, FL 33166
Phone: (305) 443-9353
Fax: (305) 443-5951
Web: www.aws.org

CSA
CSA Group

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

EOS/ESD
ESD Association

7900 Turin Rd., Bldg. 3
Rome, NY 13440
Phone: (315) 339-6937
Fax: (315) 339-6793
Web: www.esda.org

HL7
Health Level Seven

3300 Washtenaw Avenue
Suite 227
Ann Arbor, MI 48104
Phone: (734) 677-7777 Ext 104
Fax: (734) 677-6622
Web: www.hl7.org

HPS (ASC N13)
Health Physics Society

1313 Dolley Madison Blvd, Suite 402
McLean, VA 22101
Phone: (703) 790-1745
Fax: (703) 790-2672
Web: www.hps.orghpspublications/standards.html

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

5001 East Philadelphia Street
Ontario, CA 91761-2816
Phone: (909) 472-4106
Fax: (909) 472-4150
Web: www.iapmort.org

IEEE
Institute for Electrical and Electronics Engineers

445 Hoes Lane
Piscataway, NJ 08854
Phone: (732) 562-6003
Fax: (732) 562-1571
Web: www.ieee.org

ISA (ORGANIZATION)
ISA-The Instrumentation, Systems, and Automation Society

67 T.W. Alexander Dr.
Durham, NC 27709
Phone: (919) 990-9257
Fax: (919) 549-8288
Web: www.isa.org

ISEA
International Safety Equipment Association

1901 North Moore Street, Suite 808
Arlington, VA 22209
Phone: (703) 525-1695
Fax: (703) 525-1698
Web: www.safetyequipment.org

ITI (INCITS)
InterNational Committee for Information Technology Standards

1101 K Street NW, Suite 610
Washington, DC 20005
Phone: (202) 626-5743
Fax: (202) 638-4922
Web: www.incits.org

NCPDP
National Council for Prescription Drug Programs

9240 East Raintree Drive
Scottsdale, AZ 85260
Phone: (512) 291-1356
Fax: (480) 767-1042
Web: www.ncpdp.org

NEMA (ASC C78)
National Electrical Manufacturers Association

1300 North 17th Street, Suite 1752
Rosslyn, VA 22209
Phone: (703) 841-3277
Fax: (703) 841-3377
Web: www.nema.org

NEMA (ASC C8)
National Electrical Manufacturers Association

1300 North 17th Street, Suite 1752
Rosslyn, VA 22209
Phone: (703) 841-3271
Fax: 703-841-3371
Web: www.nema.org

NEMA (Canvass)
National Electrical Manufacturers Association

1300 North 17th Street, Suite 1752
Rosslyn, VA 22209
Phone: (703) 841-3264
Fax: (703) 841-3364
Web: www.nema.org

NIST/ITL
National Institute of Standards and Technology/Information Technology Laboratory

100 Bureau Drive
Gaithersburg, MD 20899-8940
Phone: (301) 975-5663
Fax: (301) 975-5287
Web: www.nist.gov

PLASA
PLASA North America

630 Ninth Avenue, Suite 609
New York, NY 10036-3748
Phone: (212) 244-1505
Fax: (212) 244-1502
Web: www.plasa.org

RESNET
Residential Energy Services Network, Inc.

2170 S. El Camino Real, Suite 206
Oceanside, CA 92054
Phone: (760) 408-5860
Fax: (760) 806-9449
Web: www.resnet.us/

SCTE
Society of Cable Telecommunications Engineers

140 Philips Rd.
Exton, PA 19341
Phone: (610) 594-7308
Fax: (610) 363-7133
Web: www.scte.org

SPI
The Society of the Plastics Industry, Inc.

1667 K Street NW, Suite 1000
Washington, DC 20006
Phone: (832) 446-6999
Web: www.plasticsindustry.org

TAPPI
Technical Association of the Pulp and Paper Industry

15 Technology Parkway South
Peachtree Corners, GA 30092
Phone: (770) 209-7276
Fax: (770) 446-6947
Web: www.tappi.org

TIA
Telecommunications Industry Association

1320 North Courthouse Road
Suite 200
Arlington, VA 22201
Phone: (703) 907-7706
Fax: (703) 907-7727
Web: www.tiaonline.org

UL
Underwriters Laboratories, Inc.

455 East Trimble Road
San Jose, CA 95131-1230
Phone: (408) 754-6656
Fax: (408) 754-6656
Web: www.ul.com/

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 Karen Hughes, 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.

ACOUSTICS (TC 43)

ISO 10140-3/DAmd1, Acoustics - Laboratory measurement of sound insulation of building elements - Part 3: Measurement of impact sound insulation - Amendment 1 - 7/6/2013

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

ISO/DIS 80601-2-70, Medical Electrical Equipment - Part 2-70: Particular requirements for basic safety and essential performance of sleep apneoa breathing therapy equipment - 6/29/2013

CLEANING EQUIPMENT FOR AIR AND OTHER GASES (TC 142)

ISO/DIS 15957, Loading dusts for testing air cleaning equipment - 7/6/2013

CLEANROOMS AND ASSOCIATED CONTROLLED ENVIRONMENTS (TC 209)

ISO/DIS 14644-12, Cleanrooms and associated controlled environments - Part 12: Classification of air cleanliness by nanoscale particle concentration - 7/6/2013

DENTISTRY (TC 106)

ISO/DIS 17730, Dentistry - Fluoride Varnishes - 7/6/2013

ISO/DIS 7494-2, Dentistry - Dental units - Part 2: Media channels and connections - 6/29/2013

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

ISO 1101/DAmd1, Geometrical product specifications (GPS) - Geometrical tolerancing - Tolerances of form, orientation, location and run-out - Amendment 1: Representation of specifications in the form of a 3D model - 11/9/2016

FIRE SAFETY (TC 92)

ISO/DIS 17554, Reaction to fire tests - Mass loss measurement - 6/28/2013

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO/DIS 22400-1, Manufacturing operations management - Key performance indicators - Part 1: Overview, concepts and terminology - 6/30/2013

MECHANICAL TESTING OF METALS (TC 164)

ISO/DIS 6892-3, Metallic materials - Tensile testing - Part 3: Method of test at low temperature - 7/6/2013

ISO/DIS 7500-1, Metallic materials - Verification of static uniaxial testing machines - Part 1: Tension/compression testing machines - Verification and calibration of the force-measuring system - 7/6/2013

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO/DIS 9849, Optics and optical instruments - Geodetic and surveying instruments - Vocabulary - 6/30/2013

ISO/DIS 10110-5, Optics and photonics - Preparation of drawings for optical elements and systems - Part 5: Surface form tolerances - 6/28/2013

ISO/DIS 10110-6, Optics and optical instruments - Preparation of drawings for optical elements and systems - Part 6: Centring tolerances - 6/28/2013

ISO/DIS 14999-4, Optics and photonics - Interferometric measurement of optical elements and optical systems - Part 4: Interpretation and evaluation of tolerances specified in ISO 10110 - 6/28/2013

ISO/DIS 10110-19, Optics and photonics - Preparation of drawings for optical elements and systems - Part 19: Optical freeform surfaces - 6/28/2013

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO/DIS 16900-9, Respiratory protective devices - Methods of test and test equipment - Part 9: Carbon dioxide content of the inhaled air (dead space) - 7/14/2013

PLASTICS (TC 61)

ISO/DIS 15512, Plastics - Determination of water content - 6/29/2013

ISO/DIS 22007-2, Plastics - Determination of thermal conductivity and thermal diffusivity - Part 2: Transient plane heat source (hot disc) method - 6/29/2013, $77.00

ROAD VEHICLES (TC 22)

ISO/DIS 16505, Road vehicles - Ergonomic and performance aspects of Camera-Monitor Systems - Requirements and test procedures - 6/30/2013

ISO/DIS 17215-1, Road vehicles - Video communication interface for cameras (VCIC) - Part 1: General information and use case definition - 7/6/2013

ISO/DIS 17215-2, Road vehicles - Video communication interface for cameras (VCIC) - Part 2: Service discovery and control - 7/6/2013

ISO/DIS 17215-3, Road vehicles - Video communication interface for cameras (VCIC) - Part 3: Camera message dictionary - 7/6/2013

ISO/DIS 17215-4, Road vehicles - Video communication interface for cameras (VCIC) - Part 4: Implementation of communication requirements - 7/6/2013

ISO/DIS 19072-1, Road vehicles - Connection interface for pyrotechnic devices, two-way and three-way connections - Part 1: Pocket interface definition - 7/12/2013

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 8030, Rubber and plastics hoses - Method of test for flammability - 6/29/2013

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 16145-5, Ships and marine technology - Protective coatings and inspection method - Part 5: Assessment method for coating damages - 7/1/2013

STEEL (TC 17)

ISO/DIS 683-17, Heat-treated steels, alloy steels and free-cutting steels - Part 17: Ball and roller bearing steels - 6/29/2013

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO/DIS 16119-4, Agricultural and forestry machinery - Environmental requirements for sprayers - Part 4: Fixed and semi-mobile sprayers - 6/29/2013

ISO/DIS 16122-4, Agricultural and forestry machines - Inspection of sprayers and liquid fertilizer distributors in use - Part 4: Fixed and semi mobile sprayers - 6/29/2013

WATER QUALITY (TC 147)

ISO/DIS 17289, Water quality - Determination of dissolved oxygen - Optical sensor method - 7/5/2013

WELDING AND ALLIED PROCESSES (TC 44)

ISO 11745/DAmd1, Brazing for aerospace applications - Qualification test for brazers and brazing operators - Brazing of metallic components - Amendment 1 - 7/5/2013, $29.00

ISO/DIS 9453, Soft solder alloys - Chemical compositions and forms - 6/29/2013

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 10373-2, Identification cards - Test methods - Part 2: Cards with magnetic stripes - 6/28/2013

ISO/IEC DIS 29182-7, Reference architecture for sensor network applications and services - Part 7: Interoperability guidelines - 7/9/2013, $46.00

Newly Published ISO Standards

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

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 21569/Amd1:2013, Foodstuffs - Methods of analysis for the detection of genetically modified organisms and derived products - Qualitative nucleic acid based methods - Amendment 1, $235.00

CLEANING EQUIPMENT FOR AIR AND OTHER GASES (TC 142)

ISO 29461-1:2013, Air intake filter systems for rotary machinery - Test methods - Part 1: Static filter elements, $204.00

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

ISO 14484:2013, Performance guidelines for design of concrete structures using fibre-reinforced polymer (FRP) materials, $60.00

FIRE SAFETY (TC 92)

ISO 19701:2013, Methods for sampling and analysis of fire effluents, $250.00

INDUSTRIAL TRUCKS (TC 110)

ISO 22915-4/Amd1:2013, Industrial trucks - Verification of stability - Part 4: Pallet stackers, double stackers and order-picking trucks with operator position elevating up to and including 1 200 mm lift height - Amendment 1, $20.00

MICROBEAM ANALYSIS (TC 202)

ISO 23833:2013, Microbeam analysis - Electron probe microanalysis (EPMA) - Vocabulary, $142.00

PLASTICS (TC 61)

ISO 178/Amd1:2013, Plastics - Determination of flexural properties - Amendment 1, $20.00

ISO 180/Amd2:2013, Plastics - Determination of Izod impact strength - Amendment 2: Precision data, $20.00

ISO 16929:2013, Plastics - Determination of the degree of disintegration of plastic materials under defined composting conditions in a pilot-scale test, $80.00

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

ISO 7597:2013, Forged steel lifting hooks with latch, grade 8, $80.00

SMALL TOOLS (TC 29)

ISO 6106:2013, Abrasive products - Checking the grain size of superabrasives, $80.00

THERMAL INSULATION (TC 163)

ISO 18098:2013, Thermal insulating products for building equipment and industrial installations - Determination of the apparent density of preformed pipe insulation, $53.00

ISO 18099:2013, Thermal insulating products for building equipment and industrial installations - Determination of the coefficient of thermal expansion, $70.00

TOBACCO AND TOBACCO PRODUCTS (TC 126)

ISO 2971:2013, Cigarettes and filter rods - Determination of nominal diameter - Method using a non-contact optical measuring apparatus, $112.00

WATER QUALITY (TC 147)

ISO 23893-3:2013, Water quality - Biochemical and physiological measurements on fish - Part 3: Determination of vitellogenin, $126.00

ISO Technical Reports

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/TR 24014-3:2013, Public transport - Interoperable fare management system - Part 3: Complementary concepts to Part 1 for multi-application media, $164.00

ISO Technical Specifications

FLUID POWER SYSTEMS (TC 131)

ISO/TS 17165-2:2013, Hydraulic fluid power - Hose assemblies - Part 2: Practices for hydraulic hose assemblies, $112.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 23000-12/Amd3:2013, Information technology - Multimedia application format (MPEG-A) - Part 12: Interactive music application format - Amendment 3: Conformance and reference software and conformance, $20.00

ISO/IEC 7816-4:2013, Identification cards - Integrated circuit cards - Part 4: Organization, security and commands for interchange, $268.00

ISO/IEC 23005-2:2013, Information technology - Media context and control - Part 2: Control information, $285.00

ISO/IEC 23005-4:2013, Information technology - Media context and control - Part 4: Virtual world object characteristics, $285.00

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

Digital Transmission License Administrator

Public Review: March 18, 2013 to June 12, 2013

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 for the creation and maintenance of 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 40+ 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 the following membership categories:

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

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. Visit www.INCITS.org for more information regarding INCITS activities.

Calls 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 e-mail from standards@scte.org.

Request For Proposal (RFP)

Water Quality Association

WQA Seeking to Partner with ANSI SDO to Sponsor WQA Standards

Deadline for RFP: June 5, 2013

Working through collaborative task forces, WQA has developed several standards that cover product types or scopes that are not addressed within existing ANSI standards. These standards are used by the WQA Gold Seal Certification program and are available for use by other certification bodies who evaluate similar products. WQA has issued a Request For Proposal (RFP), seeking an ANSI-accredited Standard Development Organization (SDO) to partner with for sponsorship of these WQA standards through the ANS process.

There are four standards for which WQA is currently seeking an ANSI-accredited SDO partner. The first standard covers point-of-entry (POE) electrochemical demineralization systems that make hardness and total dissolved solids (TDS) reduction claims. This standard includes material safety, structural integrity, performance, and literature requirements. The other three standards for which WQA is seeking an ANSI SDO partner are sustainability standards for evaluating water-treatment-related products.

The RFP will close on June 5, 2013. Interested parties should contact Eric Yeggy at WQA (eyeggy@wqa.org).

ANSI Accredited Standards Developers

Administrative Reaccreditation

U.S. TAG to ISO/TC4 – Roller Bearings

At the direction of ANSI's Executive Standards Council, the reaccreditation of the U.S. Technical Advisory Group to ISO/TC 4, Roller bearings, under its recently revised operating procedures has been administratively approved, effective April 5, 2013. For additional information, please contact the TAG Administrator: Mr. James Converse, Technical Director, American Bearing Manufacturers Association, 2025 M Street NW, Suite 800, Washington, DC 20036; phone: 919.481.2852; e-mail: jconverse@americanbearings.org.

Approvals of Reaccreditations

ASC B3 – Ball and Roller Bearings

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of Accredited Standards Committee B3, Ball and Roller Bearings has been approved under its recently revised operating procedures for documenting consensus on ASC B3-sponsored American National Standards, effective April 5, 2013. For additional information, please contact the Secretariat of ASC B3: Mr. James Converse, Technical Director, American Bearing Manufacturers Association, 2025 M Street NW, Suite 800, Washington, DC 20036; phone: 919.481.2852; e-mail: jconverse@americanbearings.org

ASC INCITS – International Committee on Information Technology Standards

ANSI's Executive Standards Council has approved the reaccreditation of Accredited Standards Committee INCITS, International Committee on Information Technology Standards under its recently revised INCITS RD-2 Organization and Procedures for documenting consensus on ASC INCITS-sponsored American National Standards, effective April 4, 2013. For additional information, please contact the Secretariat of ASC INCITS: Ms. Lynn Barra, Director, Standards Operations, INCITS/Information Technology Industry Council, 1101 K Street NW, Suite 610, Washington, DC 20005; phone: 202.626.5739; e-mail: Lbarra@ITIC.org.

American Iron and Steel Institute (AISI)

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of the American Iron and Steel Institute (AISI), an ANSI Organizational Member, has been approved under its recently revised operating procedures for documenting consensus on AISI-sponsored American National Standards, effective April 5, 2013. For additional information, please contact: Mr. Jay W. Larson, P.E., F.ASCE, Managing Director, Construction Technical, American Iron and Steel Institute, 3425 Drighton Court, Bethlehem, PA 18020-1335; phone: 610.691.6334; e-mail: jlarson@steel.org.

Call for Members

Z21/83 Technical Committee for the Performance & Installation of Gas Burning Appliances & Related Accessories

CSA Group, an ANSI-accredited SDO, is the primary organization for the creation and maintenance of standards for fuel burning appliances and related accessories.

CSA Group is currently seeking to broaden the membership base of its ANS consensus body, Z21/83 Technical Committee for the Performance & Installation of Gas Burning Appliances & Related Accessories, and is interested in new members in the following membership categories:

Consumer/User

Government Agency / Regulatory

General Interest

Gas Supplier

Membership on the Z21/83 Technical Committee is open to all directly and materially affected parties as defined in CSA Group's membership rules and operating procedures. More information is available at by e-mail from cathy.rake@csagroup.org.

ANSI-ASQ National Accreditation Board (ANAB)

ANSI/AIHA Z10 Occupational Health and Safety Management Systems

Notice of Accreditation

Certification Body

International Quality Certifications

The ANSI-ASQ National Accreditation Board is pleased to announce the following certification body has earned ANAB accreditation for ANSI/AIHA Z10 Occupational Health and Safety Management Systems:

International Quality Certifications
Joselillo No. 6-A Despacho 908, Col. El Parque Naucalpan, Edo.
Mexico D.F. 53390
Mexico
Manuel Villar
Phone: 011 5255 5557 9629
E-mail: iqcert@prodigy.net.mx

BS OHSAS 18001 Occupational Health and Safety Management Systems

Notice of Accreditation

Certification Body

International Quality Certifications

The ANSI-ASQ National Accreditation Board is pleased to announce the following certification body has earned ANAB accreditation for BS OHSAS 18000 Occupational Health and Safety Management Systems:

International Quality Certifications
Joselillo No. 6-A Despacho 908, Col. El Parque Naucalpan, Edo.
Mexico D.F. 53390
Mexico
Manuel Villar
Phone: 011 5255 5557 9629
E-mail: iqcert@prodigy.net.mx

CSA Z1000 Occupational Health and Safety Management Systems

Notice of Accreditation

Certification Body

International Quality Certifications

The ANSI-ASQ National Accreditation Board is pleased to announce the following certification body has earned ANAB accreditation for CSA Z1000 Occupational Health and Safety Management Systems:

International Quality Certifications
Joselillo No. 6-A Despacho 908, Col. El Parque Naucalpan, Edo.
Mexico D.F. 53390
Mexico
Manuel Villar
Phone: 011 5255 5557 9629
E-mail: iqcert@prodigy.net.mx

ISO/IEC 27001 Information Security Management Systems

Application for Accreditation

Certification Body

Coalfire ISO, Inc.

Comment Deadline: May 12, 2013

Coalfire ISO, Inc., Louisville, CO, has applied for accreditation under the ANSI-ASQ National Accreditation Board for Certification Bodies of ISO/IEC 27001 Information Security Management Systems.

Comments on the applications of the above certification body are solicited from interested parties. Please send your comments by May 12,2013, to Lane Hallenbeck, Vice-President, Accreditation Services, American National Standards Institute, 1899 L Street NW, 11th Floor, Washington, DC 20036; Fax (202) 293-9287, or e-mail lhallenb@ansi.org.

ISO 50001 Energy Management Systems

Application for Accreditation

Certification Body

Indian Register Quality Systems (A Department of Indian Register of Shipping)

Comment Deadline: May 12, 2013

Indian Register Quality Systems (A Department of Indian Register of Shipping), Mumbai, India, has applied for accreditation under the ANSI-ASQ National Accreditation Board for Certification Bodies of ISO 50001 Energy Management Systems.

Comments on the applications of the above certification body are solicited from interested parties. Please send your comments by May 12,2013, to Lane Hallenbeck, Vice-President, Accreditation Services, American National Standards Institute, 1899 L Street NW, 11th Floor, Washington, DC 20036; Fax (202) 293-9287, or e-mail lhallenb@ansi.org.

U.S. Technical Advisory Groups

Transfer of U.S. TAG Administrator

U.S. TAG to ISO TC 156 – Corrosion of Metals and Alloys

The ANSI-Accredited U.S. Technical Advisory Group to ISO TC 156, Corrosion of metals and alloys, has approved the transfer of its TAG Administrator from the ASTM to NACE International. The TAG will continue to operate under the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities (as contained in Annex A of the ANSI International Procedures). The role of TAG Administrator for the US TAG to ISO TC 156 will be formally transferred, effective May 20, 2013 (NACE International is appointed as the interim TAG Administrator, effective immediately). For additional information, please contact: Mr. Ed Barrett, NACE International, 1440 South Creek Drive, Houston, TX 77084-4906; e-mail: ed.barrett@nace.org (please copy psa@ansi.org on any communications related to this action).

Meeting Notices

American Standards Committee for Optics (ASC/OP)

Task Force 6 – Infrared Materials

Optics and Electro-Optics Standards Council, American Standards Committee for Optics (ASC/OP) Task Force 6 (Infrared Materials) will meet in conjunction with SPIE Defense, Security and Sensing, Holiday Ballroom 1, Hilton Hotel, 401 W Pratt St., Baltimore, MD 21201 on Monday, April 29 at 10:00 EDT. Contact Gary Wiese for information at gary.e.wiese@lmco.com.

Task Force 4 – Optics Drawing Notations

Optics and Electro-Optics Standards Council, American Standards Committee for Optics (ASC/OP) Task Force 4 (Optics Drawing Notations) will meet by teleconference on Tuesday May 7th, 2013 at 09:00 EDT. Contact Dave Aikens for call-in information at daikens@optstd.org.

Task Force 2 – Optics Imperfections

Optics and Electro-Optics Standards Council, American Standards Committee for Optics (ASC/OP) Task Force 2 (Optics Imperfections) will meet by teleconference on Tuesday May 7th, 2013 at 14:00 EDT. Contact Gordon Boultbee for call-in information at gboultbee@aol.com.

Task Force 1 – Optical Glass

Optics and Electro-Optics Standards Council, American Standards Committee for Optics (ASC/OP) Task Force 1 (Optical Glass) will meet by teleconference on Tuesday May 7th, 2013 at 16:30 EDT. Contact Hal Johnson for call-in information at hj@hjol.com.

Information Concerning

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO/TC 146/SC 5 Meteorology

Currently, the U.S. holds a leadership position as secretariat of ISO/TC 146/SC 5 (Meteorology). ANSI has delegated the responsibility for the administration of the secretariat for ISO/TC 146/SC 5 to ASTM International. ASTM International has advised ANSI of its intent to relinquish its role as delegated secretariat for this committee.

ISO/TC 146/SC 5 operates under the following scope:

> *Standardization of tools for air quality characterisation of emissions, workspace air, ambient air, indoor air, in particular measurement methods for air pollutants (particles, gases, odours, micro-organisms) and for meteorological parameters, measurement planning, procedures for Quality Assurance/Quality Control (QA/QC) and methods for the evaluation of results including the determination of uncertainty.*
>
> *Excluded :*
>
> ◦*the establishment of limit values for air pollutants;*
> ◦*the air quality in clean rooms;*
> ◦*radioactive substances.*

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated secretariat for ISO/TC 146/SC 5. Alternatively, ANSI may be assigned the responsibility for administering an ISO secretariat. Any request that ANSI accept direct administration of an ISO secretariat shall demonstrate that:

1. The affected interests have made a financial commitment for not less than three years covering all defined costs incurred by ANSI associated with holding the secretariat;
2. the affected technical sector, organizations or companies desiring that the U.S. hold the secretariat request that ANSI perform this function;
3. the relevant US TAG has been consulted with regard to ANSI's potential role as secretariat; and
4. ANSI is able to fulfill the requirements of a secretariat.

If no U.S. organization steps forward to assume the ISO/TC 146/SC 5 secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity, then ANSI will inform the ISO Central Secretariat that the U.S. will relinquish its leadership of the committee. This will allow ISO to solicit offers from other countries interested in assuming the secretariat role.

Information concerning the United States retaining the role of international secretariat may be obtained by contacting ANSI at isot@ansi.org.

ADDENDUM
ANSI/ACCA 5 QI-2010
HVAC Quality Installation Specification

9 January 2013

The edit contained in this addendum is to be applied to the ACCA 5 QI Standard. Note: additions are shown in underline and deletions are shown in ~~strikethrough~~. A free PDF version of the entire ACCA 5 Standard … where only this redline change is out for review – is available from https://www.acca.org/industry/quality/quality-installation.

Page 14
5.0 DISTRIBUTION ASPECTS
5.1 DUCT LEAKAGE

5.1.2 ACCEPTABLE PROCEDURES

The contractor shall test using one of the following acceptable procedures for fulfilling the desired criteria:

a) Duct pressurization tests[1] at 25 Pascal
or
b) ~~FOR COMMERCIAL BUILDINGS, a~~Airflow comparison method[2]
or
c) Hybrid blower door/airflow measuring device subtraction[3]
or
d) Duct pressurization test at referenced pressure standard by authority having jurisdiction.

---

[1] Duct leakage is measured using a duct pressurization test through a calibrated fan or orifice. Duct registers are sealed, a fan is attached to one opening, the ducts are pressurized, and the amount of air flowing through the fan is quantified. A commonly known system is Duct Blaster®; there are several others as well.

[2] Total room supply CFMs and return CFMs compared with blower capability (e.g., airflow measuring device method: Commonly referred to as Flow Hood™, Shortridge or Balometer™, Alnor), as per procedures specified by ACCA, AABC, ASHRAE, NEBB, and TABB.

[3] A calibrated fan measures whole-building positive or negative pressure on the building, then duct leakage is measured by placing an airflow capture hood over the grilles and registers.

Reason for the edit:

HVAC contractors can utilize airflow testing tools to establish how much air is being delivered to the system and how much is being returned under actual operating conditions and then subtract the difference to establish duct leakage. This procedure has always been allowable for commercial systems, and with the increasing accuracy of airflow measuring equipment it should now be allowable for Residential systems as well.

BSR/ASHRAE Addendum g
to ANSI/ASHRAE Standard 15-2010

Second Public Review Draft

Proposed Addendum g to Standard 15-2010, *Safety Standard for Refrigeration Systems*

Second Public Review (April 2013)
(Draft shows Proposed Independent Substantive Changes to Previous Public Review Draft)

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed standard, go to the ASHRAE website at www.ashrae.org/standards-research--technology/public-review-drafts and access the online comment database. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE website) remains in effect. The current edition of any standard may be purchased from the ASHRAE Online Store at www.ashrae.org/bookstore or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

This standard is under continuous maintenance. To propose a change to the current standard, use the change submittal form available on the ASHRAE website, www.ashrae.org.

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BSR/ASHRAE Addendum g to ANSI/ASHRAE Standard 15-2010, *Safety Standard for Refrigeration Systems*

Second Public Review Draft (Independent Substantive Changes to First Public Review Draft)

(This foreword is not part of this standard. It is merely informative and does not contain requirements necessary for conformance to the standard. It has not been processed according to the ANSI requirements for a standard and may contain material that has not been subject to public review or a consensus process. Unresolved objectors on informative material are not offered the right to appeal at ASHRAE or ANSI.)

FOREWORD

This ISC adds a number of clarifying requirements to overpressure protection for refrigeration systems. It clarifies requirements for relief vent lines terminating to atmosphere and removes an explicit provision for discharging ammonia to a water diffusion tank.

[Note to Reviewers: This public review draft makes proposed independent substantive changes to the previous public review draft. These changes are indicated in the text by underlining (for additions) and ~~strikethrough~~ (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the previous draft are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed substantive changes.]

Addendum g to 15-2010

Reviewer Note: Revise proposed new sections 9.7.8 and 9.7.9 as follows.

9.7.8 **Discharge From Pressure Relief Devices** ~~The discharge from pressure relief devices shall meet the following requirements:~~Pressure relief systems designed for vapor shall comply with Section 9.7.8. Pressure relief systems designed for liquid shall comply with 9.4.3.

9.7.8.1 Discharging Location Interior to Building: Pressure relief devices, including fusible plugs, serving refrigeration systems ~~are~~shall be permitted to discharge to the interior of a building only when all of the following apply:

a. The system contains less than 110 lb (50 kg) of a Group A1 refrigerant.
b. The system contains less than 6.6 lb (3 kg) of a Group A2, B1 or B2 refrigerant.
c. The system does not contain any quantity of a Group A3 or B3 refrigerant.
d. The system is not required to be installed in a Machinery Room as required by Section 7.4.
e. The refrigerant concentration limits in 7.2 are not exceeded

Refrigeration systems that do not meet the above requirements shall meet the requirements of 9.7.8.2, 9.7.8.3, and 9.7.8.4.

9.7.8.2 Discharging Location Exterior to Building: Pressure relief devices designed to discharge external to the refrigeration system shall be arranged to discharge outside of a building and comply with the all of the following:

a. The point of vent discharge shall be located not less than 15 ft (4.57 m) above the adjoining ground level.

Exception: Outdoor systems containing Group A1 refrigerant shall be permitted to discharge at any elevation where the point of discharge is located in an access-controlled area accessible to authorized personnel only.

b. The point of vent discharge shall be located not less than 20 ft (6.1 m) from windows, building ventilation openings, pedestrian walkways or building exits.

c. For heavier-than-air refrigerants, the point of vent discharge shall be located not less than 20 ft (6.1 m) horizontally from below-grade walkways, entrances, pits or ramps if a release of the entire system charge into such a space would yield a concentration of refrigerant in excess of the RCL. The direct discharge of a relief vent into enclosed outdoor spaces, such as a courtyard with walls on all sides, shall not be permitted if a release of the entire system charge into such a space would yield a concentration of refrigerant in excess of the RCL. The volume for the refrigerant concentration calculation shall be determined using the gross area of the space and a height of 8.2 ft (2.5m), regardless of the actual height of the enclosed space.

d. The termination point of a vent discharge line shall be made in a manner that prevents discharged refrigerant from spraying directly onto personnel that might be in the vicinity.

e. The termination point of vent discharge line shall be made in a manner that prevents foreign material or debris from entering the discharge piping.

f. Relief vent lines that terminate vertically upward and are subject to moisture entry shall be provided with a drip pocket having a minimum of 24 inches (0.6 m) in length and having the size of the vent discharge pipe. The drip pocket shall be installed to extend below the first change in vent pipe direction and shall be fitted with a valve or drain plug to permit removal of accumulated moisture.

9.7.8.3 Internal Relief: Pressure-relief valves designed to discharge from a higher pressure vessel into a lower pressure vessel internal to the system shall comply with all of the following:

1. The pressure-relief valve that protects the higher pressure vessel shall be selected to deliver capacity in accordance with Section 9.7.5 without exceeding the maximum allowable working pressure of the higher pressure vessel accounting for the change in mass flow capacity due to the elevated backpressure.
2. The capacity of the pressure-relief valve protecting the part of the system receiving a discharge from a pressure relief valve protecting a higher pressure vessel shall be at least the sum of the capacity required in Section 9.7.5 plus the mass flow capacity of the pressure-relief valve discharging into that part of the system.
3. The design pressure of the body of the relief valve used on the higher pressure vessel shall be rated for operation at the design pressure of the higher pressure vessel in both pressure-containing areas of the valve.

9.7.8.4 Discharge Location, Special Requirements: Additional requirements for relief device discharge location and allowances shall apply for specific refrigerants as listed in this section.

9.7.8.4.1 Water (R-718): Where water is the only refrigerant, discharge to a floor drain shall be permitted where all of the following conditions are met:

1. The pressure relief device set pressure does not exceed 15 psig,
2. The floor drain is sized to handle the flow rate from a single broken tube in any refrigerant-containing heat exchanger, and
3. Either:
   a) The authority having jurisdiction finds it acceptable that the working fluid, corrosion inhibitor, and other additives used in this type of refrigeration system may infrequently be discharged to the sewer system, or

b) A catch tank, sized to handle the expected discharge, is installed and equipped with a normally closed drain valve and an overflow line to drain.

9.7.8.4.2 Ammonia (R-717): Pressure relief valves serving systems using ammonia as a refrigerant shall discharge ~~by~~in accordance with one of the following:

1. To atmosphere in accordance with Section 9.7.8.2.
2. Internally in accordance with Section 9.7.8.3.
3. ~~A tank containing one gallon of water for each pound of ammonia (8.3 liters of water for each kilogram of ammonia) that will be released in one hour from the largest relief device connected to the discharge pipe. The water shall be prevented from freezing. The discharge pipe from the pressure-relief device shall distribute ammonia in the bottom of the tank but no lower than 33 ft (10 m) below the maximum liquid level. The tank shall contain the volume of water and ammonia without overflowing.~~

~~4.~~ ~~Other~~To a treatment system~~s~~ approved by the authority having jurisdiction.

9.7.9 **Relief Discharge Piping** The piping used for pressure relief device discharge shall meet the following:

9.7.9.1 Discharge Piping, General: Piping connected to the discharge side of a fusible plug or rupture member shall have provisions to prevent plugging of the pipe upon operation of a fusible plug or rupture member.

9.7.9.2 The size of the discharge pipe from a pressure-relief device or fusible plug shall not be less than the outlet size of the pressure-relief device or fusible plug.

9.7.9.3 The maximum length of the discharge piping installed on the outlet of pressure-relief devices and fusible plugs discharging to the atmosphere shall be determined using the method in this section. See Table 3 for the allowable flow capacity of various equivalent lengths of single discharge piping vents for conventional pressure relief valves.

9.7.9.3.1 The design back pressure due to flow in the discharge piping at the outlet of pressure-relief devices and fusible plugs, discharging to atmosphere, shall be limited by the allowable equivalent length of piping determined by the following equations (1) or (2).

$$L = \frac{0.2146\, d^5 \left(P_0^2 - P_2^2\right)}{f\, C_r^2} - \frac{d \ln\left({P_0}/{P_2}\right)}{6 f} \qquad (1)$$

$$\left[L = \frac{7.4381 \times 10^{-15}\, d^5 \left(P_0^2 - P_2^2\right)}{f\, C_r^2} - \frac{d \ln\left({P_0}/{P_2}\right)}{500 f} \right] \qquad (2)$$

where

L = equivalent length of discharge piping, ft (m)

Cr = rated capacity as stamped on the relief device in lb/min (kg/s), or in SCFM multiplied by 0.0764, or as calculated in 9.7.7 for a rupture member or fusible plug, or as adjusted for reduced capacity due to piping as specified by the manufacturer of the device, or as adjusted for reduced capacity due to piping as estimated by an approved method

f = Moody friction factor in fully turbulent flow (see typical values in Appendix E)

d = inside diameter of pipe or tube, in (mm)

ln = natural logarithm

P_2 = absolute pressure at outlet of discharge piping, psi (kPa)

P_0 = allowed back pressure (absolute) at the outlet of pressure relief device see 9.7.9.3.2, psi (kPa)

9.7.9.3.2 Unless the maximum allowable back pressure (P_0) is specified by the relief valve manufacturer, the following maximum allowable back pressure ~~valves~~values shall be used for P_0, where P is the set pressure~~:~~ and P_a is atmospheric pressure at the elevation of the installation [14.7 psi (101.325kPa) at sea level]:

1. For conventional relief valves: 15% of set pressure

   $P_0 = (0.15 * P) + $ ~~14.7~~ P_a

2. For balanced relief valves: 25% of set pressure

   $P_0 = (0.25 * P) + $ ~~14.7~~ P_a

3. For rupture disks alone, fusible plugs, or pilot operated relief devices: 50% of set pressure

   $P_0 = (0.5 * P) + $ ~~14.7~~ P_a

~~**Note:**~~ For fusible plugs, *P* ~~is~~shall be the saturated absolute pressure for the stamped temperature melting point of the fusible plug or the critical pressure of the refrigerant used, whichever is smaller~~, psi (kPa), and atmospheric pressure is at the elevation of the installation above sea level. A default value is the atmospheric pressure at sea level, 14.7 psi (101.325 kPa)~~.

9.7.9.3.3 Where outlets of two or more relief devices or fusible plugs that could operate simultaneously connect to a common discharge pipe, the common pipe shall be sized large enough to prevent the outlet pressure at each relief device ~~to be no higher than~~from exceeding the maximum allowable outlet pressure in accordance with Section 9.7.9.3.2. ~~The effect of back pressure that would be developed in the event of more than one relief device or fusible plug operating shall be considered.~~

BSR/ASHRAE Standard 147-2002R

Public Review Draft

Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems

Fifth Public Review (April 2013)
(Draft Shows Proposed Independent Substantive Changes to Previous Public Review Draft)

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed standard, go to the ASHRAE website at www.ashrae.org/standards-research--technology/public-review-drafts and access the online comment database. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE website) remains in effect. The current edition of any standard may be purchased from the ASHRAE Online Store at www.ashrae.org/bookstore or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

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Foreword

When the potential link between release of chlorofluorocarbons (CFCs) and depletion of stratospheric ozone was first discovered, ASHRAE appointed a task group to study the issue and to develop appropriate policy and program recommendations for the Board of Directors.

In response, a comprehensive action program was initiated. It included research, education, communication, and training directed toward the various aspects of the CFC issue.
A part of this program was the development of a guideline for reducing CFC refrigerant release. This was published as ASHRAE Guideline 3-1990, "Reducing Emission of Fully Halogenated Chlorofluorocarbon (CFC) Refrigerants in Refrigeration and Air Conditioning Equipment and Applications."

Since that date, it has been determined that all releases of chlorine containing refrigerants, hydrochlorofluorocarbons (HCFCs) as well as CFCs, contribute to depletion of the stratospheric ozone layer and that release of CFCs, HCFC's, and hydrofluorocarbons (HFCs) contributes to global warming, Accordingly it has been determined that release of CFCs, HCFCs, and HFCs should be minimized. In 1996, Guideline 3 was revised to reflect this need for a more stringent policy.

In 2002 ASHRAE published Standard 147, "Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems." Standard 147-2002 took many of the recommended practices of Guideline 3 and made them mandatory requirements, thus further increasing the stringency of the guideline, which was then withdrawn. However, some of the material from Guideline 3 was preserved in the standard in informative annexes that provide recommended practices that are not required for compliance with the standard.

This revision, Standard 147-2002R, updates the 2002 edition by expanding the number of equipment types and systems covered; by providing significant requirements for field-erected systems; by adding more requirements on leak checking; by adding requirements for systems with larger charges; and by making many formerly recommended practices mandatory.

[Note to Reviewers: This public review draft makes proposed independent substantive changes to the previous public review draft. These changes are indicated in the text by underlining (for additions) and ~~strikethrough~~ (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the previous draft are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed substantive changes.]

Revise Section 4.4.2.5 as shown below:

4.4.2.5 When utilizing a plate heat exchanger as an evaporator that is at a design Saturation Suction temperature of less than 32°F, insulation with a proper vapor barrier on the heat exchanger and ~~of the entire unit and~~ attached tubing is important. This insulation and vapor barrier prevents the formation of frost in critical areas that may force the plates to separate and potentially ~~eventually~~ leak. ~~Provision of a vapor barrier on the outside of the finished insulation with joints properly sealed is important as water vapor penetrating the insulation can lead to frost formation. Equipment~~ Plate heat exchangers and attached tubing shall be insulated and vapor sealed ~~and sealed with a vapor barrier~~ to prevent frost

formation from forcing plates to separate. Plate heat exchangers designed without external cracks and crevices (so as to be immune from frost formation related failures) are exempt from this requirement.

Revise Section 4.12 as shown below:

4.12 System Monitoring

All new Equipment Types 7, 8, and 10 with a refrigerant design operating charge greater than 1,000 lb (454 ~~460~~ kg) per circuit shall be equipped with a feature to alert the owner that either the system is releasing refrigerant, or has released enough refrigerant to affect system performance.

Revise Section 6.1 as shown below:

6.1 General

All equipment, components, and complete systems shall be clean~~ed,~~ and dry ~~dried~~, and shall be ~~evacuated,~~ leak-tested~~,~~ and sealed before shipment. Components or subassemblies that will be tested in a larger assembly further in the manufacturing process shall be exempt from this requirement.

Revise Section 6.4 as shown below:

6.4 Evacuation

Systems shall be evacuated to 1000 microns of Hg or less and held long enough to remove detrimental moisture, as defined by the manufacturer. ~~as determined by a rate-of-pressure-rise-versus-time after the evacuation process has been stopped and the system is isolated. The required holding time shall be determined as appropriate for the design and size of the equipment, such that the residual water moisture content shall not exceed the allowable contaminant level specified for the specific refrigerant, according to AHRI Standard 700.~~[18]

Revise Section 6.6 as shown below:

6.6 Purging

~~Purging with inert gas shall be made during brazing~~ Brazing processes shall purge with inert gas to prevent oxidation, which can cause plugged driers, plugged filters, plugged strainers, dirty oil, and compressor failure.

Revise Sections 7.1.2.6 and 7.1.2.7 as shown below:

7.1.2.6 Liquid line filter driers, suction line filters ~~driers~~, or components and practices specified by the OEM shall be used on all equipment types 6, 9, and 10 to ensure a dry and clean system. When used, filter driers shall be chosen to ensure that the size and desiccant material are appropriate for the equipment.

7.1.2.7 ~~Purging with inert gas is required shall be made during brazing~~ Brazing processes shall purge with inert gas to prevent oxidation, which can cause plugged driers, plugged filters, plugged strainers, dirty oil, and compressor failure.

Delete the following reference to Section 11:

11. NORMATIVE REFERENCES

~~18. AHRI Standard 700-2011, *Standard for Specifications for Fluorocarbon Refrigerants*. 2011. Air-Conditioning, Heating and Refrigeration Institute, Arlington, VA.~~

BSR/UL 498, Standard for Attachment Plugs and Receptacles

1. Revision of Supplement SF to Address Receptacles with Integral Class 2 Power Supply and Separable Class 2 Wire Lead Assembly

SUPPLEMENT SF - RECEPTACLES WITH INTEGRAL POWER SUPPLY WITH CLASS 2 OUTPUT ~~CONNECTORS~~

INTRODUCTION

SF1 Scope

SF1.1 The requirements of this supplement cover receptacles with integral power supply with one or more Class 2 output low-voltage connectors or a Class 2 separable conductor lead assembly, intended to be installed in an outlet box.

SF1.3 A receptacle with integral power supply with one or more Class 2 output low-voltage connectors or a Class 2 separable conductor lead assembly, are ~~is~~ intended only for flush installation in an appropriate enclosure suitable for the application.

SF1.4 A receptacle with integral power supply with one or more Class 2 output low-voltage connectors or a Class 2 separable conductor lead assembly, shall comply with the applicable requirements of this Standard, UL 498, except as modified by the requirements of this supplement.

SF1.6 This supplement only applies to a receptacle with integral power supply with Class 2 output ~~low-voltage connectors~~. It does not apply to a receptacle and separable Class 2 power supply or where the Class 2 power supply is either located or derived outside the outlet box.

SF2 Glossary

SF2.1.1 CLASS 2 SEPARABLE LEAD ASSEMBLY - Consists of a factory made, type CL3 power limited conductor cable rated minimum 300 volts surrounded by a continuous and firmly fixed tubing rated minimum 300 volts. One end is provided with a molded-on connector for connection to power supply output.

SF2.1.2 RECEPTACLE WITH INTEGRAL POWER SUPPLY WITH A CLASS 2 SEPARABLE LEAD ASSEMBLY - A receptacle, with an integral power supply and associated Class 2 output low voltage lead assembly intended for flush mounting in or on an outlet box for fixed installation on a branch circuit.

SF2.2 RECEPTACLE WITH INTEGRAL POWER SUPPLY WITH ONE OR MORE CLASS 2 OUTPUT LOW-VOLTAGE CONNECTORS - A receptacle with integral power supply and associated Class 2 output low-voltage connectors accessible when cover plate is installed. The receptacle is intended for flush mounting in or on an outlet box for fixed installation on a branch circuit.

CONSTRUCTION

SF3 General

SF3.1 In addition to the construction, performance and marking requirements contained in this Standard, a receptacle with integral power supply with one or more Class 2 output ~~low-voltage connectors~~ shall also comply with the applicable requirements of the Standard for Class 2 Power Units, UL 1310.

SF3.3 The Class 2 low-voltage output connectors of a receptacle with integral power supply shall be insulated and extend beyond the plane of the receptacle mounting yoke.

Exception: For a receptacle provided with a Class 2 separable conductor lead assembly, the connector may be located behind the plane of the receptacle mounting yoke.

SF3.5 A receptacle provided with a Class 2 separable conductor lead assembly shall only be of the conductor leads-type construction as identified in Leads, 30.5.

SF5A Class 2 Disconnect Switch

SF5A.1 A receptacle with an integral Class 2 power supply which employs a separable lead assembly shall be provided with an integral switch to disconnect all power to the Class 2 equipment.

SF5A.2 The switch identified in SF5A.1 shall be accessible to the user after installation into an outlet box with a cover plate installed. A visible means shall also be provided to denote power status, such as an indicator light. See SF10.2 for further details.

SF5B Class 2 Separable Lead Assembly

SF5B.1 A Class 2 separable lead assembly shall consist of both insulated CL3 conductors surrounded by tubing, with one end terminating in a molded-on separable connector, as described in SF5B.2 - SF5B.4.

SF5B.2 A separable lead assembly shall be provided with type CL3 conductors which comply with the Standard for Power-Limited Circuit Cables, UL 13. The CL3 conductors shall have a minimum 300 V rating and shall be not less than 18 inches (457 mm) in length.

SF5B.3 Tubing surrounding the CL3 conductors shall comply with the Standard for Extruded Insulating Tubing, UL 224, have a minimum 300 V rating, and be provided over the entire length of the CL3 conductors. The tubing shall be continuous and firmly fixed to the Class 2 separable lead assembly.

SF5B.4 One end of a Class 2 separable lead assembly shall be provided with a molded-on separable connector to be inserted into mating connector located on the body of the receptacle.

PERFORMANCE

SF8 Assembly Test

SF8.1 A receptacle with integral power supply with one or more Class 2 output low-voltage connectors shall comply with all of the following:

a) Maintain a minimum of a 1/4 inch (6.35 mm) separation of branch circuit wiring and Class 2 connections;

b) Maintain adequate spacings clearance between each terminal and the metal of a standard outlet box of the minimum size in which it is intended to be installed;

c) Not permit contact to be made between the probe shown in Figure 136.1 and any live part through the Class 2 output connectors or through any flush device cover plate or outlet box cover opening or joint surrounding the installed device; and

d) Not permit contact to be made between the Class 2 output connector and receptacle line contacts with an ANSI/NEMA 1-15P attachment plug.

MARKINGS AND INSTRUCTIONS

SF9 Installation Instructions

SF9.3 A receptacle with integral Class 2 power supply with a separable conductor lead assembly shall have a label marker located 18 inches from the separable molded-on connector to assure that Class 2 conductors do not terminate in the outlet box. The marker label shall be marked, "This marker must be located entirely outside of wall box. No portion may reside in the wall box clamp or inside the box" or equivalent.

SF10 User Instructions

SF10.1 Each smallest unit packaging shall include user instructions as specified in SF10.2 and SF10.3. ~~with information regarding:~~

~~a) The use of appropriate Class 2 connectors with interconnecting cables;~~

~~b) That Class 2 output connections are not intended for supporting products or appliances; and~~

~~c) That any output cable connected to the Class 2 outputs is to be routed away from the receptacle outlet slots or an inserted attachment plug blades into receptacle outlet.~~

SF10.2 The instructions for a receptacle with integral power supply with one or more Class 2 output low-voltage connectors shall address:

a) The use of appropriate Class 2 connectors with interconnecting cables;

b) That Class 2 output connections are not intended for supporting products or appliances;

c) That any output cable connected to the Class 2 outputs is to be routed away from the receptacle outlet slots or an inserted attachment plug blades into receptacle outlet; and

d) Charging Devices with Batteries - Reducing the risk of overheating, fire, or explosion of batteries during recharging by checking the compatibility with appliance manufacturer's charging instructions.

SF10.3 A receptacle with integral power supply with one or more Class 2 separable conductor lead assembly shall be provided with a separate label marked "Class 2 utilization equipment power is provided from receptacle" or equivalent. The instructions shall advise the installer to apply this label in the wiring compartment of the Class 2 utilization equipment.

SF11 Markings

SF11.1 The output Class 2 connectors shall be identified as being "Class 2" and marked with the output electrical rating. The output electrical rating shall be permanently marked and visible after installation of the flush device cover plate or outlet box cover.

Exception: For a receptacle provided with a Class 2 separable conductor lead assembly, the output electrical rating need only be visible during installation.

SF11.2 When provided, the actuator of the Class 2 Disconnect Switch shall be marked, "On/Off" or equivalent. The marking shall be visible after installation of the flush device cover plate or outlet box cover. An indicator light denoting whether power is on or off is considered equivalent.

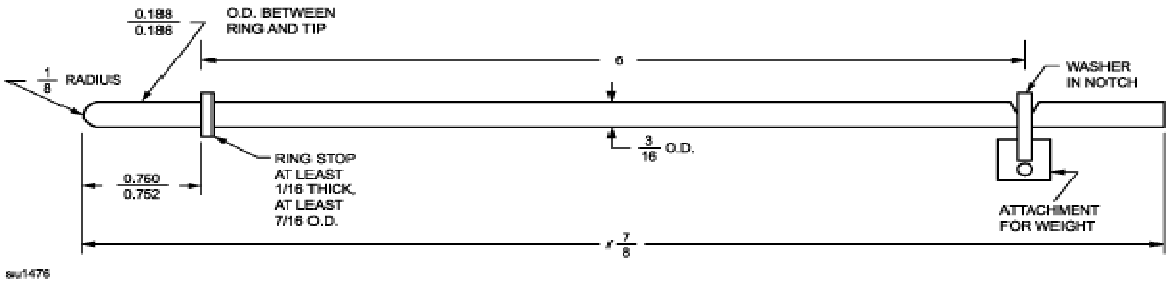
SF11.3 A receptacle provided with a Class 2 separable conductor lead assembly shall be marked, "For Use with _____ Products requiring ___ VDC Only" or equivalent. The blank is filled in with the manufacturer's name and specified DC voltage of the intended equipment.

SF11.4 A separable Class 2 wire lead assembly shall be provided with a flag label indicating "Class 2" and the electrical rating. The label shall also be marked with correlation markings stating "For Use Only with Listed Model _____ Receptacle" or equivalent.

2. Clarification of Dimensions in Figure 123.1, Test Pin A - Ring Stop Thickness and O.D.

Figure 123.1

Test pin A



Pin material- tool steel, Rockwell Hardness C58 to C60										
inch	1/16	1/8	3/16	0.186	0.188	7/16	0.750	0.752	6	7-7/8
mm	1.6	3.2	4.8	4.72	4.77	11.1	19.05	19.10	152	200

BSR/UL 507, Standard for Safety for Electric Fans

1. Correction of Outdoor Use Requirements Applicable to Window Fans.

123.1 In addition to the applicable requirements in Part 1 and Sections 124 and 125 of this Standard, the non-metallic enclosure or guard of a fan intended for use in a window shall comply with the requirements for Outdoor Use Equipment in Section~~s~~ 136.3 ~~134 - 138, and the requirements for fans Use in Windows in Sections 124 and 125~~. These requirements also address box fans intended for use in windows. Also see 5.1.

134.1 The requirements in Sections 135 - 138 supplement and, in some cases, modify the general requirements in Part 1 of the Standard. The requirements for grounding and power supplies supersede those requirements in Sections 14 and 28. The corrosion protection requirements specifically cover appliances constructed of cast ferrous metal, sheet steel, or ferrous tubing. These requirements apply only to those fans intended for use in indoor and outdoor wet locations subject to rain or the spray of non-corrosive and non-flammable liquids~~, to fans for use in windows in accordance with 123.1, and to evaporative coolers for use in windows~~. These appliances may be exposed to the weather and may be unprotected. Also, see 5.1.

Exception: The enclosure of an evaporative cooler for use in windows is not required to comply with the requirements of Section 136.3.

137.2 An appliance that complies with the requirements in Sections 134 - 137 and that is intended for use in wet locations shall be marked "OUTDOOR USE" or "ROOFTOP USE".

~~*Exception: A fan or evaporative cooler for use in windows that complies with Sections 134 - 138 is only required to be marked "WINDOW USE".*~~

BSR/ UL 723

PROPOSALS

3.5 The top is to consist of a removable noncombustible (metal and mineral composite) structure insulated with nominal 2-in (50.8-mm) thick mineral composition material as illustrated in Figure 3.2 and is to be of the size necessary to completely cover the fire test chamber and test sample. The mineral composition material is to have physical characteristics comparable to the following:

Maximum effective temperature - 1200°F (649°C);

Bulk density - 21 lb/ft^3 (336 kg/m^3);

Thermal conductivity at 300 to 700°F (149 to 371°C) - 0.50 - 0.71 Btu·in/·hft^2·°F (0.072 - 0.102 W/m·K)

KpC[a] - 1 - 4 Btu^2·in·ft^5·h·°F^2 (1 × 10^4 - 4 × 10^4 W^2·S·m^4·K^3)

The entire top assembly is to be protected with flat sections of high density (nominal 90 ~~110~~lb/ft^3 or 1444 ~~1761~~kg/m^3) 1/4-in (6.34-mm ~~6.4-mm~~) ~~inorganic reinforced~~ fiber-cement board[b], maintained in an unwarped and uncracked condition through continued replacement. This protective board is not required to be either secured or unsecured to the furnace lid. When in place, the top is to be completely sealed against the leakage of air into the fire test chamber during the test.

[a] KpC is equal to the thermal conductivity times the density times the specific heat.

[b] ~~inorganic reinforced~~ fiber-cement board such as Manville Building Materials Corp. Flexboard II and Tunnel Building Products Sterling Board work for this purpose.

5.1 A 1/4-in (6.4-mm) ~~inorganic reinforced~~ fiber-cement board is to be placed on the ledge of the furnace chamber. The removable top of the test chamber then is to be placed in position.

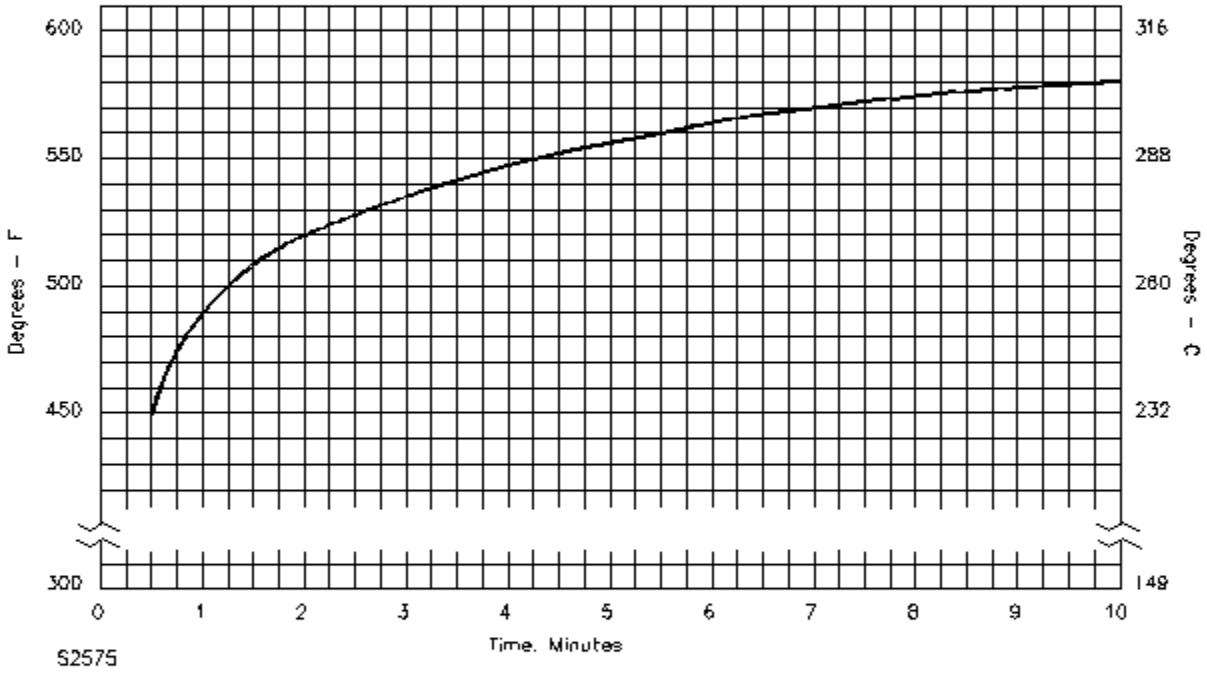
5.2 With the 1/4-in (6.4-mm) ~~inorganic reinforced~~ fiber-cement board in position on top of the ledge of the furnace chamber, and with the removable lid in place, a draft is to be established so as to produce a 0.15-in water-column (37.4 Pa) reading on the draft manometer, with the fire-end shutter open 3 ±1/16 in (76.2 ±1.6 mm), by manually setting the damper as a characterization of fan performance. Then the fire-end shutter is to be closed and sealed. The manometer reading is to increase to at least 0.375-in water-column (93.4 Pa), indicating that no excessive air leakage exists.

5.7 The test chamber is to be preheated with the 1/4-in (6.4-mm) ~~inorganic reinforced~~ fiber-cement board and the removable top in place and with the fuel supply adjusted to the required flow. The preheating is to be continued until the temperature indicated by the floor thermocouple at 23-1/4 ft (7.09 m) is 150 ±5°F (66 ±2.8°C). During the preheat test, the temperatures indicated by the thermocouple at the vent end of the test chamber are to be recorded at 15-s intervals or less and compared to the preheat temperature shown in the time-temperature curve, Figure 5.1. The preheating is to establish the conditions that will exist following successive tests and to indicate the control of the heat input into the test chamber. If appreciable variation from the temperatures shown in the representative preheat curved is observed, adjustments in the fuel supply are to be made when required based on red-oak calibration tests.

5.12 In addition to the calibration tests for red oak, a similar test(s) is to be conducted on samples of 1/4-in (6.4-mm) ~~inorganic reinforced~~ fiber-cement board. The results represent an index of zero for these requirements. The temperature readings are to be plotted separately for the duration of the test. Figure 5.5 is a representative curve for time-temperature development of inorganic reinforced cement board. The calibration tests using red oak flooring and cement board samples shall be permitted in either order.

Figure 5.5

Time-temperature curve - ~~inorganic reinforced~~ fiber-cement board



7.1.6 The test results for smoke density are to be plotted and the area under this curve is to be divided by the area under the curve for red oak and multiplied by 100 to establish a numerical index by which the performance of the material is to be compared with that of ~~inorganic reinforced~~ fiber-cement board and select-grade red-oak flooring which have been arbitrarily established as zero and 100, respectively. In the

unlikely event of particulate blockage of the photocell, the test shall be deemed invalid and re-conducted, or a qualifying notation shall be included in the test report.

A1.3A For those specimens with sufficient structural integrity to support themselves, no additional support is to be used. For those specimens which are not self-supporting by their own structural integrity during testing, ~~inorganic reinforced~~ fiber-cement board, metal rods or bars and poultry netting may be used.

A3.1 Adhesives are to be mixed as specified in the manufacturer's instructions and are to be applied to 1/4-in (6.4-mm) ~~inorganic reinforced~~ fiber-cement board in the thickness or at the coverage rate or density specified by the manufacturer. The adhesive application is to be cured prior to testing.

A6.4 Materials intended only for field application to noncombustible surfaces are to be applied to 1/4-in (6.4-mm) ~~inorganic reinforced~~ fiber-cement board.

PROPOSAL

4.3 Preparation and mounting of test specimens shall be in accordance with the following mounting practices, as applicable. For all other specimens, refer to Appendix A for guidance on mounting methods.

a) The Standard Practice for Specimen Preparation and Mounting of Pipe and Duct Insulation Materials to Assess Surface Burning Characteristics, ASTM E2231 for pipe and duct insulation materials;

b) The Standard Practice for Specimen Preparation and Mounting of Paper or Vinyl Wall or Ceiling Coverings to Assess Surface, ASTM E2404 for paper, vinyl and textile wall and ceiling covering materials;

c) The Standard Practice for Specimen Preparation and Mounting of Site-Fabricated Stretch Systems to Assess Surface Burning Characteristics, ASTM E2573 for site-fabricated stretch systems;

d) The Standard Practice for Specimen Preparation and Mounting of Wood Products to Assess Surface Burning Characteristics, ASTM E2579 for the following wood products: solid board, lumber and timber products, panel products, decorative wood products and shingles / shakes used as interior wall finish, interior ceiling finish and interior trim;

e) The Standard Practice for Specimen Preparation and Mounting of Reflective Insulation Materials and Radiant Barrier Materials for Building Applications to Assess Surface Burning Characteristics, ASTM E2599 for reflective insulation, radiant barrier and vinyl stretch ceiling materials for building applications;

f) The Standard Practice for Specimen Preparation and Mounting of Tapes to Assess Surface Burning Characteristics, ASTM E2688 for tapes up to and including 8 inches (203.2 mm) in width; and

g) The Standard Practice for Specimen Preparation and Mounting of Caulks and Sealants to Assess Surface Burning Characteristics, ASTM E2690 for caulks and sealants intended to be applied up to and including 8 inches (203.2 mm) in width.

PROPOSAL

A1.4 For the purpose of this Standard and ~~W~~whenever ~~inorganic reinforced~~ fiber-cement board is specified as a backing in subsequent paragraphs, the material shall comply with all of the following:

a) The Standard Specification for Discrete Non-Asbestos Fiber-Cement Interior Substrate Sheets, ASTM C1288 or the Standard Specification for Flat Fiber-Cement Sheets, ASTM C1186, Grade II;

b) ~~Is to be~~ A nominal thickness of 1/4-in (6.34-mm)~~; thick, high density [90 ±10 lb/ft^3 (1444 ±160 kg/m^3)] and uncoated.~~

c) The density shall be 90 +10 lb/ft^3 (1444 + 160 kg/m^3);~~The Standard Test Method for Behavior of Materials in a Vertical Tube Furnace at 750 degree C, ASTM E136.~~

d) The board shall be uncoated;

e) The Standard Test Method for Behavior of Materials in a Vertical Tube Furnace at 750 degree C, ASTM E136;

f) The board shall stay in-place during a 10-min test; and

g) The board shall be suitable for test sample adhesion.