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American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

Comment Deadline: December 4, 2011

ACCA (Air Conditioning Contractors of America)

New Standards

BSR/ACCA 12 QH-201x, Existing Homes Evaluation and Performance Improvement (Previously designated ACCA 12 EHEPI) (new standard)

Represents substantive modifications to the previous ANSI Public Review Comments received.

NOTE: Public Comments are limited to the changes to page modifications only.

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

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

Supplements

BSR/ACCA 1 Manual D Errata-201x, Residential Duct System Design (Errata) (supplement to ANSI/ACCA 1 Manual D-2009)

Two years have passed since the last revision of ANSI/ACCA 1 Manual D (Residential Duct Systems). Since then two substantive changes have been proposed to address low-resistance return air path strategies: transfer ducts and transfer grilles. The two-page errata sheet will improve the design criteria for these engineered systems.

NOTE: The supplement only is out for public comment.

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

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

UL (Underwriters Laboratories, Inc.)

New Standards

BSR/UL 1691-201x, Standard for Safety for Single Pole Locking-Type Separable Connectors (new standard)

Covers single-pole locking-type separable attachment plugs, cord connectors, panel inlets, and panel outlets, adapters, and accessories, rated up to a maximum of 800 amperes and up to 600 volts ac or dc and not intended for connection or disconnection under load conditions. These devices are intended to provide power from feeders or branch circuits, or are for direct connection to feeders or branch circuits in accordance with specific CEC and NEC applications including places of assembly, theater, carnivals, and construction sites.

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

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

Revisions

BSR/UL 746C-201x, Standard for Safety for Polymeric Materials - Use in Electrical Equipment Evaluations (revision of ANSI/UL 746C-2010)

The following changes in requirements to UL 746C are being proposed:

(1) Proposed revision to 71.2.2 - Coating Thickness.

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

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

* BSR/UL 1123-201x, Standard for Safety for Marine Buoyant Devices (revision of ANSI/UL 1123-2011)

Includes changes to the Throw Test requirements for Horse Shoe Buoys.

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

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

Comment Deadline: December 19, 2011

AISI (American Iron and Steel Institute)

Supplements

BSR/AISI S211-2007/S1-201x, Supplement 1 to the North American Standard for Cold-Formed Steel Framing - Wall Stud Design (supplement to ANSI/AISI S211-2007)

This supplement 1 provides design provisions for installation of exterior wall coverings, and removes the provisions for design of nonstructural members.

Single copy price: Free

Obtain an electronic copy from: hchen@steel.org

Order from: Helen Chen, (202) 452-7134, Hchen@steel.org; doates@steel.org

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

ASA (ASC S1) (Acoustical Society of America)

Revisions

BSR/ASA S1.20-201x, Procedures for Calibration of Underwater Electroacoustic Transducers (revision and redesignation of ANSI S1.20-1988 (R2003))

Establishes measurement procedures for calibrating underwater electroacoustic transducers. Both primary and secondary calibration procedures are specified for frequencies from a few Hz to a few MHz. Procedures are specified to determine measurable characteristics of free-field receive voltage sensitivity, transmitting response, directional response, voltage coupling loss, impedance, and equivalent noise pressure. Measurement uncertainty analysis is introduced and identifies common error sources.

Single copy price: \$150.00

Obtain an electronic copy from: asastds@aip.org

Order from: Susan Blaeser, (631) 390-0215, sblaeser@aip.org; asastds@aip.org

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

ASABE (American Society of Agricultural and Biological Engineers)

Reaffirmations

BSR/ASABE/ISO 14269-1-2006 (R201x), Tractors and self-propelled machines for agriculture and forestry - Operator enclosure environment - Part 1: General and definitions (reaffirmation of ANSI/ASABE/ISO 14269-1-2006)

Specifies test methods and criteria for the evaluation of the operator enclosure in agricultural and forestry tractors (Agricultural tractors used in forestry applications), and self propelled agricultural machines. This part of ISO 14269 gives terms and definitions used in other parts of ISO 14269.

Single copy price: \$52.00

Obtain an electronic copy from: vangilder@asabe.org

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

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

BSR/ASABE/ISO 14269-2-2006 (R201x), Tractors and self-propelled machines for agriculture and forestry - Operator enclosure environment - Part 2: Heating, ventilation and air-conditioning test method and performance (reaffirmation of ANSI/ASABE/ISO 14269-2-2006)

Specifies a uniform test method for measuring the contribution to operator environmental temperature and humidity provided by an air-conditioning, heating and ventilation system operating in a specific ambient environment for tractors and self-propelled machines for agriculture and forestry. This method may not determine the complete climatic environment of the operator since this is also affected by heat load from sources other than those on the machine, for example, solar heating.

Single copy price: \$52.00

Obtain an electronic copy from: vangilder@asabe.org

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

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

BSR/ASABE/ISO 14269-3-2006 (R201x), Tractors and self-propelled machines for agriculture and forestry - Operator enclosure environment - Part 3: Determination of effect of solar heating (reaffirmation of ANSI/ASABE/ISO 14269-3-2006)

Specifies a test method for simulating solar heating in the laboratory and measuring the radiant heat energy from a natural or simulated source. This standard is applicable to tractors and self-propelled machines for agriculture and forestry when equipped with an operator enclosure.

Single copy price: \$52.00

Obtain an electronic copy from: vangilder@asabe.org

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

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

BSR/ASABE/ISO 14269-4-2006 (R201x), Tractors and self-propelled machines for agriculture and forestry - Operator enclosure environment - Part 4: Air filter element test method (reaffirmation of ANSI/ASABE/ISO 14269-4-2006)

Specifies a uniform test method for determining performance levels of operator enclosure panel-type air filters. This standard is applicable to tractors and self-propelled machines for agriculture and forestry when equipped with an operator enclosure with a ventilation system.

Single copy price: \$52.00

Obtain an electronic copy from: vangilder@asabe.org

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

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

BSR/ASABE/ISO 14269-5-2006 (R201x), Tractors and self-propelled machines for agriculture and forestry - Operator enclosure environment - Part 5: Pressurization system test method (reaffirmation of ANSI/ASABE/ISO 14269-5-2006)

Specifies a test procedure that will provide for uniform measurement of the pressurization inside an operator enclosure of tractors and self-propelled machines for agriculture and forestry when equipped with a ventilation system.

Single copy price: \$52.00

Obtain an electronic copy from: vangilder@asabe.org

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

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

ASTM (ASTM International)

The URL to search for scopes of ASTM standards is: <http://www.astm.org/dsearch.htm>

For reaffirmations and withdrawals, order from: Customer Service, ANSI
For new standards and revisions, order from: Karen Wilson, ASTM;
kwilson@astm.org

For all ASTM standards, send comments (with copy to psa@ansi.org) to: Karen Wilson, ASTM; kwilson@astm.org

New Standards

BSR/ASTM F1114-201x, Specification for Heat Sanitizing Commercial Pot, Pan, and Utensil Station Rack Type Water-Driven Rotary Spray (new standard)

http://www.astm.org/ANSI_SA

Single copy price: \$39.00

BSR/ASTM WK13508-201x, Test Method for Self-Contained Soft Serve and Shake Machines (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

BSR/ASTM WK23145-201x, Guide for Equipment Technology and Operations for Mobile and Plant-Based Secure Destruction - Safety Requirements (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

BSR/ASTM WK24748-201x, Guide for Measurements on Small Graphite Specimens (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

BSR/ASTM WK25126-201x, Specification for Recirculating Hood System for Cooking Appliances (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

BSR/ASTM WK33993-201x, Test Method for Determination of Fracture Toughness of Graphite at Ambient Temperature (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

Revisions

BSR/ASTM D1655-201x, Specification for Aviation Turbine Fuels (revision of ANSI/ASTM D1655-2011a)

http://www.astm.org/ANSI_SA

Single copy price: \$45.00

BSR/ASTM D2513-201x, Specification for Polyethylene (PE) Gas Pressure Pipe, Tubing, and Fittings (revision of ANSI/ASTM D2513-2011a)

http://www.astm.org/ANSI_SA

Single copy price: \$45.00

BSR/ASTM D4306-201x, Practice for Aviation Fuel Sample Containers for Tests Affected by Trace Contamination (revision of ANSI/ASTM D4306-2007)

http://www.astm.org/ANSI_SA

Single copy price: \$39.00

BSR/ASTM D4726-201x, Specification for Rigid Poly(Vinyl Chloride) (PVC) Exterior-Profile Extrusions Used for Assembled Windows and Doors (revision of ANSI/ASTM D4726-2009)

http://www.astm.org/ANSI_SA

Single copy price: \$45.00

BSR/ASTM D6708-201x, Practice for Statistical Assessment and Improvement of Expected Agreement between Two Test Methods that Purport to Measure the Same Property of a Material (revision of ANSI/ASTM D6708-2008)

http://www.astm.org/ANSI_SA

Single copy price: \$45.00

BSR/ASTM E8-201x, Test Methods for Tension Testing of Metallic Materials (revision of ANSI/ASTM E8-2009)

http://www.astm.org/ANSI_SA

Single copy price: \$55.00

BSR/ASTM E2144-201x, Practice for Personal Sampling and Analysis of Endotoxin in Metalworking Fluid Aerosols in Workplace Atmospheres (revision of ANSI/ASTM E2144-2002 (R2007))

http://www.astm.org/ANSI_SA

Single copy price: \$34.00

BSR/ASTM E2148-201x, Guide for Using Documents Related to Metalworking or Metal Removal Fluid Health and Safety (revision of ANSI/ASTM E2148-2011)

http://www.astm.org/ANSI_SA

Single copy price: \$34.00

BSR/ASTM E2657-201x, Test Method for Determination of Endotoxin Concentrations in Water-Miscible Metalworking Fluids (revision of ANSI/ASTM E2657-2009)

http://www.astm.org/ANSI_SA

Single copy price: \$34.00

BSR/ASTM F690-201x, Practice for Underground Installation of Thermoplastic Pressure Piping Irrigation Systems (revision of ANSI/ASTM F690-1996 (R2003))

http://www.astm.org/ANSI_SA

Single copy price: \$39.00

BSR/ASTM F963-201x, Consumer Safety Specification for Toy Safety (revision of ANSI/ASTM F963-2009)

http://www.astm.org/ANSI_SA

Single copy price: \$62.00

BSR/ASTM F1150-201x, Specification for Commercial Food Waste Pulper and Waterpress Assembly (revision of ANSI/ASTM F1150-2006)

http://www.astm.org/ANSI_SA

Single copy price: \$34.00

Reaffirmations

BSR/ASTM D3567-1997 (R201x), Practice for Determining Dimensions of "Fiberglass" (Glass-Fiber-Reinforced Thermosetting Resin) Pipe and Fittings (reaffirmation of ANSI/ASTM D3567-1997 (R2006))

http://www.astm.org/ANSI_SA

Single copy price: \$34.00

AWS (American Welding Society)

Revisions

BSR/AWS Z49.1-201x, Safety in Welding, Cutting, and Allied Processes (revision of ANSI Z49.1-2005)

Covers all aspects of safety and health in the welding environment, emphasizing oxygen gas and arc welding processes with some coverage given to resistance welding. It contains information on protection of personnel and the general area, ventilation, fire prevention and protection, and confined spaces. A significant section is devoted to precautionary information, showing examples, and an extensive bibliography is included.

Single copy price: \$33.00

Obtain an electronic copy from: roneill@aws.org

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

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

CSA (CSA America, Inc.)

New Standards

BSR CSA America HGV 4.10-201x, Fittings for Compressed Hydrogen Gas and Hydrogen Rich Gas Mixtures (new standard)

Specifies uniform methods for testing and evaluating the performance of fittings for use with compressed hydrogen gas and hydrogen rich gas mixtures. This standard does not address special requirements for liquid and slush hydrogen. This standard applies to hydrogen systems applications to meet current market needs.

Single copy price: \$175.00

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

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

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

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

New National Adoptions

INCITS/ISO/IEC 14882-201x, Information technology - Programming language - C++ (identical national adoption of ISO/IEC 14882:2011)

Specifies requirements for implementations of the C++ programming language. The first such requirement is that they implement the language, and so this International Standard also defines C++. Other requirements and relaxations of the first requirement appear at various places within this International Standard.

Single copy price: \$403.00

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

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

Send comments (with copy to psa@ansi.org) to: Deborah Spittle, (202) 626-5746, dspittle@itic.org

MHI (Material Handling Industry)**Revisions**

BSR/MH16.1-201x, Specification for the Design, Testing and Utilization of Industrial Steel Storage Racks (revision of ANSI MH16.1-2008)

Applies to industrial pallet racks, movable shelf racks, and stacker racks made of cold-formed or hot-rolled steel structural members. This standard does not apply to other types of racks, such as drive-in or drive-through racks, cantilever racks, portable racks, etc. or to racks made of material other than steel.

Single copy price: \$10.00

Obtain an electronic copy from: mogle@mhia.org

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

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

NEMA (ASC C8) (National Electrical Manufacturers Association)**Revisions**

BSR C84.1-201x, Electric Power Systems and Equipment Voltage Ratings (60 Hertz) (revision of ANSI C84.1-2006)

Establishes the nominal voltages ratings and operating tolerances for 60-hertz electrical power systems above 100 volts. This standard also makes recommendations to other standardizing groups with respect to voltage ratings for equipment used on power systems and for utilization devices connect to such systems.

Single copy price: \$65.00

Obtain an electronic copy from: [http://workspaces.nema.org/ansi/stds/Shared%20Documents/C84.1/C84.1%202011/\(E\)%20Other%20Records/ANSI%20Standard%20C84-1-2011x5.docx](http://workspaces.nema.org/ansi/stds/Shared%20Documents/C84.1/C84.1%202011/(E)%20Other%20Records/ANSI%20Standard%20C84-1-2011x5.docx)

Order from: Ryan Franks, 703-841-3271, ryan.franks@nema.org

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

Reaffirmations

BSR/ICEA S-109-709-2004 (R201x), Distribution Frame-Wire - Technical Requirements (reaffirmation of ANSI/ICEA S-109-709-2004)

Establishes generic technical requirements that may be referenced by individual telecommunications wire specifications covering products intended for cross-connecting the outside plant cable and the switching system terminations appearing on a distributing frame in the telecommunications central office. The parameters covered provide material, construction, and performance requirements.

Single copy price: \$80.00

Obtain an electronic copy from: <http://workspaces.nema.org/ansi/stds/Shared%20Documents/C8/S-109-709-2011/ICEA%20S-109-709%202011%20Final.doc>

Order from: Ryan Franks, 703-841-3271, ryan.franks@nema.org

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

PLASA (PLASA North America)**New Standards**

BSR E1.6-1-201x, Entertainment Technology - Powered Hoist Systems (new standard)

Deals with powered winches that are not serially manufactured electric chain hoists. It is intended to establish requirements for the design, manufacture, inspection, and maintenance of powered hoist systems for lifting and suspending loads in theaters and other places of public assembly. This draft standard is part of the BSR E1.6 powered theatrical rigging system project.

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

SLAS (Society for Laboratory Automation and Screening)**Reaffirmations**

BSR/SLAS 1-2004 (R201x), Microplates - Footprint Dimensions (formerly recognized as ANSI/SBS 1-2004) (reaffirmation and redesignation of ANSI/SBS 1-2004)

Defines the dimensional requirements of the footprint of a microplate as specified in American National Standards covering these microplates.

Single copy price: Free

Obtain an electronic copy from: <http://www.slas.org/education/microplate.cfm>

Order from: Katie Woywod, (630) 256-7527, kwoywod@slas.org

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

BSR/SLAS 2-2004 (R201x), Microplates - Height Dimensions, (formerly recognized as ANSI/SBS 2-2004) (reaffirmation and redesignation of ANSI/SBS 2-2004)

Defines the dimensional requirements of the height of a microplate as specified in American National Standards covering these microplates.

Single copy price: Free

Obtain an electronic copy from: <http://www.slas.org/education/microplate.cfm>

Order from: Katie Woywod, (630) 256-7527, kwoywod@slas.org

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

BSR/SLAS 3-2004 (R201x), Microplates - Bottom Outside Flange Dimensions (formerly recognized as ANSI/SBS 3-2004) (reaffirmation and redesignation of ANSI/SBS 3-2004)

Defines the dimensional requirements of the bottom outside flange of a microplate as specified in American National Standards covering these microplates.

Single copy price: Free

Obtain an electronic copy from: <http://www.slas.org/education/microplate.cfm>

Order from: Katie Woywod, (630) 256-7527, kwoywod@slas.org

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

BSR/SLAS 4-2004 (R201x), Microplates - Well Positions (formerly recognized as ANSI/SBS 4-2004) (reaffirmation and redesignation of ANSI/SBS 4-2004)

Defines the well center positional requirements of a microplate as specified in American National Standards covering these microplates.

Single copy price: Free

Obtain an electronic copy from: <http://www.slas.org/education/microplate.cfm>

Order from: Katie Woywod, (630) 256-7527, kwoywod@slas.org

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

TAPPI (Technical Association of the Pulp and Paper Industry)

New Standards

BSR/TAPPI T 464 om-201x, Water vapor transmission rate of paper and paperboard at high temperature and humidity (new standard)

Provides a method for the gravimetric determination of the water vapor transmission rate (WVTR) of sheet materials at 37.8 C (100 F) with an atmosphere of 90% RH on one side and a desiccant on the other. It is generally suitable for any material up to 3 mm (1/8 in.) thick, although it may be used with caution for thicker materials if the edges of the specimen are completely sealed.

Single copy price: Free

Obtain an electronic copy from: standards@tappi.org

Order from: standards@tappi.org

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

UAMA (ASC B74) (Unified Abrasives Manufacturers' Association)

Revisions

BSR B74.12-201x, Specifications for the Size of Abrasive Grain- Grinding Wheels, Polishing and General Industrial Uses (revision of ANSI B74.12-2009)

Establishes a nationally recognized basis for checking the size of abrasive grain for use in the manufacture of grinding wheels, general polishing, and other industrial uses such as pressure blasting, lithoplate graining, etc.

Single copy price: \$15.00

Obtain an electronic copy from: sab@wherryassoc.com

Order from: Sharyn A. Berki, (440) 899-0010, sab@wherryassoc.com

Send comments (with copy to psa@ansi.org) to: Jeffrey Wherry, (440) 899-0010, jjw@wherryassoc.com

UL (Underwriters Laboratories, Inc.)

New Standards

BSR/UL 1557-201x, Standard for Safety for Electrically Isolated Semiconductor Devices (new standard)

The proposal includes:

(1) First-time ANSI approval for the Standard for Electrically Isolated Semiconductor Devices, UL 1557.

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: Jessica Alier, (919) 549-0954, jessica.alier@us.ul.com

Reaffirmations

BSR/UL 101-2002 (R201x), Standard for Safety for Leakage Current for Appliances (reaffirmation of ANSI/UL 101-2002 (R2007))

Reaffirms the ANSI Approval of UL 101.

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: Camille Alma, (631) 271-6200, Camille.A.Alma@us.ul.com

VITA (VMEbus International Trade Association (VITA))

New Standards

BSR/VITA 67.0-201x, Coaxial Interconnect on VPX - Base Standard (new standard)

Establishes a structure for implementing blind-mate analog coaxial interconnects with VPX backplanes and plug-in modules, and defines a specific family of interconnects and configurations within that structure.

Single copy price: Free

Obtain an electronic copy from: techdir@vita.com

Send comments (with copy to psa@ansi.org) to: techdir@vita.com

Technical Reports Registered with ANSI

Technical Reports Registered with ANSI are not consensus documents. Rather, all material contained in Technical Reports Registered with ANSI is informational in nature. Technical reports may include, for example, reports of technical research, tutorials, factual data obtained from a survey carried out among standards developers and/or national bodies, or information on the "state of the art" in relation to standards of national or international bodies on a particular subject.

Immediately following the end of a 30-day announcement period in Standards Action, the Technical Report will be registered by ANSI. Please submit any comments regarding this registration to the organization indicated, with a copy to the PSA Center, American National Standards Institute, 25 West 43rd Street, New York, NY 10036 or E-Mail to psa@ansi.org.

Comment Deadline: December 4, 2011

AAMI (Association for the Advancement of Medical Instrumentation)

AAMI/ISO TIR 23810-2011, Cardiovascular implants and artificial organs - Checklist for preoperative extracorporeal circulation equipment setup (TECHNICAL REPORT) (technical report)

Covers activities performed by perfusionists during equipment setup prior to cardiopulmonary bypass (CPB); extracorporeal membrane oxygenation (ECMO); cardiopulmonary support (CPS); left- or right-heart bypass (LHB, RHB); venovenous (VV) extracorporeal support for liver transplantation. These checklist items should be considered for assuring verification that the equipment, devices or systems have been set up correctly. This checklist is comprehensive by design and may be modified by each institution in order to conform to specific procedures or institutional practice.

Single copy price: Free

Obtain an electronic copy from: CBernier@aami.org

Order from: Cliff Bernier, (703) 253-8263, CBernier@aami.org

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

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

INCITS TR-46:2011, Information technology - Fibre Channel - Methodologies for Signal Quality Specification (FC-MSQS) (Technical Report) (technical report)

Compiles and provides additional information beyond that supplied in FC-MJSQ to provide definitions for the physical interface parameters used in FC-PI-5. The existing signal and jitter specifications are incomplete as a result of changes in how the electronics industry is implementing Fibre Channel systems today compared to how systems were expected to be implemented in the past.

Single copy price: \$30.00

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

Order from: <http://www.incits.org> or ANSI, <http://webstore.ansi.org>

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

Notice of Withdrawn ANS by an ANSI-Accredited Standards Developer

In accordance with clause 4.2.1.3.2 Withdrawal by ANSI-Accredited Standards Developer of the ANSI Essential Requirements, the following American National Standards have been withdrawn as an ANS.

ANSI/UL 651B-2011, Standard for Safety for Continuous Length HDPE Conduit

Correction

Incorrect Comment Closing Date

BSR/PRCA 1.0-3-201x

In the October 28, 2011 issue of Standards Action, BSR/PRCA 1.0-3-201x was mistakenly listed for public review with a comment closing date of December 12, 2011. The correct Call for Comment deadline is November 20, 2011. Limited revisions can be reviewed in the October 21, 2011 Standards Action.

Call for Members (ANS Consensus Bodies)

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

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

Office: 1101 K Street NW, Suite 610
Washington, DC 20005-3922

Contact: *Deborah Spittle*

Phone: (202) 626-5746

Fax: (202) 638-4922

E-mail: dspittle@itic.org

INCITS/ISO/IEC 14882-201x, Information technology - Programming language - C++ (identical national adoption of ISO/IEC 14882:2011)

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.

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

New Standards

ANSI/AHRI Standard 880(I-P)-2011, Performance Rating of Air Terminals (new standard): 10/27/2011

ANSI/AHRI Standard 881(SI)-2011, Performance Rating of Air Terminals (new standard): 10/27/2011

ANSI/AHRI Standard 1060(I-P)-2011, Performance Rating of Air-to-Air Heat Exchangers for Energy Recovery Ventilation Equipment (new standard): 10/27/2011

ANSI/AHRI Standard 1061(SI)-2011, Performance Rating of Air-to-Air Heat Exchangers for Energy Recovery Ventilation Equipment (new standard): 10/27/2011

Revisions

ANSI/AHRI Standard 210/240 with Addendum 1-2011, Performance Rating of Unitary Air-Conditioning and Air-Source Heat Pump Equipment (revision of ANSI/AHRI Standard 210/240-2009): 10/27/2011

ANSI/AHRI Standard 340/360 with Addenda 1 and 2-2011, Performance Rating of Commercial and Industrial Unitary Air-Conditioning and Heat Pump Equipment (revision of ANSI/AHRI Standard 340/360-2007): 10/27/2011

ASA (ASC S1) (Acoustical Society of America)

Reaffirmations

ANSI/ASA S1.40-2006 (R2011), Specifications and Verification Procedures for Sound Calibrators (reaffirmation and redesignation of ANSI S1.40-2006): 10/27/2011

ASME (American Society of Mechanical Engineers)

New Standards

ANSI/ASME B18.31.5-2011, Bent Bolts (Inch Series) (new standard): 11/1/2011

Revisions

ANSI/ASME B30.13-2011, Storage/Retrieval (S/R) Machines and Associated Equipment (revision of ANSI/ASME B30.13-2003 (R2008)): 10/27/2011

CSA (CSA America, Inc.)

Withdrawals

* ANSI/CSA LC-3-2000, Appliance Stands and Drain Pans (withdrawal of ANSI/CSA LC-3-2000): 11/1/2011

HL7 (Health Level Seven)

Reaffirmations

ANSI/HL7 V3 TRMLLP, R2-2006 (R2011), HL7 Version 3 Standard: Transport Specification - MLLP, Release 2 (reaffirmation of ANSI/HL7 V3 TRMLLP, R2-2006): 11/1/2011

NCPDP (National Council for Prescription Drug Programs)

Revisions

ANSI/NCPDP SC 2011091-2011, NCPDP SCRIPT Standard 2011091 (revision and redesignation of ANSI/NCPDP SC 2011071-2011): 10/27/2011

UL (Underwriters Laboratories, Inc.)

New National Adoptions

ANSI/UL 60335-1-2011, Household and Similar Electrical Appliances, Part 1: General Requirements (national adoption with modifications and revision of ANSI/UL 60335-1-2005): 10/21/2011

New Standards

ANSI/UL 1773-2011, Standard for Safety for Termination Boxes (new standard): 10/31/2011

Revisions

* ANSI/UL 561-2011, Standard for Safety for Floor-Finishing Machines (Proposal dated 5/13/11) (revision of ANSI/UL 561-2010): 10/31/2011

ANSI/UL 561-2011a, Standard for Safety for Floor-Finishing Machines (Proposal dated 9/16/11) (revision of ANSI/UL 561-2012): 10/31/2011

ANSI/UL 651-2011, Standard for Safety for Schedule 40 and 80 Rigid PVC Conduit and Fittings (revision of ANSI/UL 651-2010): 10/25/2011

ANSI/UL 651A-2011a, Standard for Safety for Type EB and a Rigid PVC Conduit and HDPE Conduit (revision of ANSI/UL 651A-2011): 10/26/2011

ANSI/UL 746A-2011, Standard for Safety for Polymeric Materials - Short Term Property Evaluations (revision of ANSI/UL 746A-2010): 10/24/2011

ANSI/UL 817-2011, Standard for Safety for Cord Sets and Power-Supply Cords (revision of ANSI/UL 817-2009): 11/1/2011

ANSI/UL 1004-4-2011, Standard for Safety for Electric Generators (revision of ANSI/UL 1004-4-2008): 10/24/2011

ANSI/UL 1574-2011, Standard for Track Lighting Systems (revision of ANSI/UL 1574-2004): 10/27/2011

ANSI/UL 1574-2011a, Standard for Safety for Track Lighting Systems (revision of ANSI/UL 1574-2004): 10/27/2011

ANSI/UL 2200-2011, Standard for Safety for Stationary Engine Generator Assemblies (revision of ANSI/UL 2200-2011): 11/1/2011

ANSI/UL 2200-2011a, Standard for Safety for Stationary Engine Generator Assemblies (revision of ANSI/UL 2200-2011): 11/1/2011

ANSI/UL 2200-2011b, Standard for Safety for Stationary Engine Generator Assemblies (revision of ANSI/UL 2200-2011): 11/1/2011

ANSI/UL 8750-2011, Standard for Safety for Light Emitting Diode (LED) Equipment for Use in Lighting Products (revision of ANSI/UL 8750-2009): 11/1/2011

ANSI/UL 8750-2011a, Standard for Safety for Light Emitting Diode (LED) Equipment for Use in Lighting Products (revision of ANSI/UL 8750-2009): 11/1/2011

* ANSI/UL 60745-2-1-2011a, Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-1: Particular Requirements for Drills and Impact Drills (revision of ANSI/UL 60745-2-1-2010): 10/26/2011

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.

ANS (American Nuclear Society)

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BSR/ANS 2.31-201x, Standard for Estimating Extreme Precipitation at Nuclear Facility Sites (new standard)

Stakeholders: Commercial nuclear power utilities, U.S. NRC, U.S. DOE, and nuclear facility design organizations.

Project Need: A graded approach to nuclear safety-related facility structures, systems and components phenomena equivalent to SDC -5, SDC-4 and SDC-3 structures of ANSI/ANS-2.26-2004 (R2010) are required to be used in design for extreme environmental loads not defined by current ANS or other SDO standards.

Addresses extreme natural site hazards associated with precipitation (rain, snow, ice, and their combination) that are applicable to structures, systems and components in nuclear safety-related facilities with probabilities of exceedence or return periods consistent with extreme design basis category wind, flood and earthquake phenomena (i.e., ANS-2.1, ANS-2.3, ANS-2.8, ANS-2.26, ANS-2.27 and ANS-2.29).

ASABE (American Society of Agricultural and Biological Engineers)

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St Joseph, MI 49085

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E-mail: vangilder@asabe.org

BSR/ASAE EP576.2 MONYEAR-201x, Lighting and Marking of Animal-Drawn Equipment (revision and redesignation of ANSI/ASAE EP576.1-2008)

Stakeholders: Amish and Mennonite families, those driving in and around Amish and Mennonite communities.

Project Need: To prevent pony cart - automobile accidents due to the low profile of the cart and lack of lighting and marking on the carts. A formal request has been submitted by the Ohio Amish Safety Committee requesting protocol used for horse-drawn buggies be adopted for uniformly marking pony carts for better visibility.

Establishes a unique identification system for slow-moving animal-drawn vehicles on public roadways or highways. The identification system shall be used only on animal-drawn vehicles and comply with existing laws, rules and regulations in individual states, provinces, and municipalities.

ASTM (ASTM International)

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

Contact: *Jeff Richardson*

Fax: (610) 834-7067

E-mail: jrichard@astm.org

BSR/ASTM WK34174-201x, Reinstatement of D6041-97(2002) (new standard)

Stakeholders: Plastics Industry.

Project Need: This standard is indeed useful to the industry and no changes are anticipated, ballot concurrently to sub 23 and main is requested for this WK to have reinstated.

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK34174.htm>

CSA (CSA America, Inc.)

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Cleveland, OH 44131

Contact: *Cathy Rake*

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* BSR Z21.11.3-201x, Propane-Fired Portable Emergency Use Heater Systems (new standard)

Stakeholders: Consumers, manufacturers, propane distributors.

Project Need: Portable propane-fired heaters (cabinet heaters) are being sold and used in the US. Currently there is no standard or certifying agency for these products. This standard will provide safety standards.

Details test and examination criteria for propane-fired portable heater systems (cabinet heaters) for use with propane only. Such heaters are limited to maximum input ratings of 10,000 Btu per hour for general use and 5,000 Btu per hour if used in a bathroom.

IEEE (ASC N42) (Institute of Electrical and Electronics Engineers)**Office:** NIST100 Bureau Drive, Mail Stop 8642
Gaithersburg, MD 20899-8462**Contact:** *Michael Unterweger***Fax:** (301) 926-7416**E-mail:** michael.unterweger@nist.gov

BSR N42.58-201x, Performance criteria for portable contamination monitoring instrumentation for nuclear and radiological emergencies (new standard)

Stakeholders: USDHS, and emergency responders (fire departments, police and customs and border patrol members).

Project Need: To define and describe (or establish) performance requirements and performance testing requirements for portable contamination monitoring instruments used for radiological emergencies.

Provides the performance requirements and performance testing requirements for portable instrumentation used for location, measurement, and control of surface contamination during and following nuclear and radiological emergencies. This portable instrumentation is hand-held and consists of a radiation detection or detector probe and the required electronic package. These instruments shall be capable of locating and quantifying alpha, beta and photon emitting radionuclides on surfaces.

IEEE (Institute of Electrical and Electronics Engineers)**Office:** 445 Hoes Lane

Piscataway, NJ 08854

Contact: *Lisa Yacone***Fax:** (732) 562-1571**E-mail:** l.yacone@ieee.org

BSR/IEEE 7-4.3.2-201x, Standard Criteria for Digital Technology in Safety Systems of Nuclear Power Generating Stations (revision of ANSI/IEEE 7-4.3.2-2010)

Stakeholders: Utilities that operate nuclear power generating stations; regulators and vendors.

Project Need: To update the standard to address (1) new digital technology in safety systems and (2) new relevant standards and regulation.

Serves to amplify criteria in IEEE Std 603, IEEE Standard Criteria for Safety Systems for Nuclear Power Generating Stations, to address the use of digital technology as part of safety systems in nuclear power generating stations. The criteria contained in this standard, in conjunction with criteria in IEEE Std 603, establish minimum functional and design requirements for digital technology used as components of a safety system.

BSR/IEEE 386-201x, Standard for Separable Insulated Connector Systems for Power Distribution Systems Above 600 V (revision of ANSI/IEEE 386-2006)

Stakeholders: Electric utilities, connector manufacturers, accessory suppliers, test labs, and equipment manufacturers.

Project Need: The standard needs revision to include interfaces, devices and connectors not presently identified in the standard. The current standard does not cover 900 amp connectors, I, H, and Y connectors nor interchangeability of some components used with separable connectors, i.e., cable adapters.

Establishes definitions, service conditions, ratings, interchangeable construction features, and tests for loadbreak and deadbreak separable insulated connector systems rated above 600 V, 900 A or less, for use on power distribution systems.

BSR/IEEE 400.3-201x, Guide for Partial Discharge Field Diagnostic Testing of Shielded Power Cable Systems (revision of ANSI/IEEE 400.3-2006)

Stakeholders: High-voltage cable users, cable manufacturers, cable installers, partial-discharge testing service providers.

Project Need: Utilities and cable users are increasingly asking for PD measurements to evaluate the condition of the cable system. There have been significant changes in PD testing techniques that need to be addressed in the revised document.

Covers the diagnostic testing of new or service-aged installed shielded power cable systems, which include cable, joints, and terminations, using electrical partial discharge (PD) detection, measurement, and location. Partial discharge testing, which is a useful indicator of insulation degradation, may be carried out on-line or by means of an external voltage source.

BSR/IEEE 650-201x, Standard for Qualification of Class 1E Static Battery Chargers, Inverters and Uninterruptible Power Supply (UPS) Systems for Nuclear Power Generating Stations (revision of ANSI/IEEE 650-2006)

Stakeholders: Nuclear facility owners, manufacturers, specifying engineers, test laboratories.

Project Need: To provide current, updated information; new technology; and regulatory guidance; and to incorporate user feedback.

Describes methods for qualifying static battery chargers, inverters and uninterruptible power supply (UPS) systems for Class 1E installations outside containment in nuclear power generating stations, and is not intended for qualification under harsh environment (Inside Containment) design basis conditions.

BSR/IEEE 692a-201x, Standard Criteria for Security Systems for Nuclear Power Generating Stations - Amendment a: Alignment with Recent Industry Security Approach Changes (new standard)

Stakeholders: Nuclear power plant owners, regulatory agencies, A/E firms, security system vendors.

Project Need: To address industry feedback from stakeholders on critical areas of the standard based on recent changes and clarifications in security approaches. Making these changes will allow a path for future regulatory endorsement.

Clarifies definitions, validates "shall" vs. "should" statements, and addresses other industry feedback from stakeholders based on recent changes in security approaches.

BSR/IEEE 946-201x, Recommended Practice for the Design of DC Auxiliary Power Systems for Generating Stations (revision of ANSI/IEEE 946-2005)

Stakeholders: DC system designers in nuclear and non-nuclear power generation, transmission, and distribution utilities.

Project Need: To address comments received during the reaffirmation ballot of the IEEE 946-2004.

Provides guidance for the design of the dc auxiliary power systems for nuclear and non-nuclear power generating stations. The components of the dc auxiliary power system addressed by this recommended practice include lead-acid storage batteries, static battery chargers, and distribution equipment. Guidance for selecting the quantity and types of equipment, the equipment ratings, interconnections, instrumentation, control, and protection is also provided.

BSR/IEEE 1427-201x, Guide for Recommended Electrical Clearances and Insulation Levels in Air Insulated Electrical Power Substations (revision of ANSI/IEEE 1427-2006)

Stakeholders: Utilities and consultant companies that are involved with designing high-voltage substations.

Project Need: There is an error in one of the formula and also there is a typo which needs correction. We will examine the entire guide also.

This guide, covering three-phase ac systems from 1 kV to 800 kV, - provides recommended electrical operating and safety clearances and insulation levels in air-insulated electric supply substations; - addresses insulation coordination procedures; - provides design procedures for the selection and coordination of the insulation levels within the station as they relate to substation clearances; and - addresses how reduced clearances in high-voltage ac substations will allow for compact bus arrangements and substation voltage uprating applications.

BSR/IEEE 1679.2-201x, Guide for the Characterization and Evaluation of Sodium-Based Batteries in Stationary Applications (new standard)
Stakeholders: Developers and manufacturers, as well as end-users, integrators, and service organizations.

Project Need: The performance, service life and safety of sodium batteries are very different than the traditional lead-acid and nickel cadmium stationary batteries. There is a need for an objective and comparative method for evaluating sodium batteries in these applications.

Provides guidance for an objective evaluation of sodium-based energy storage technologies by a potential user for any stationary application. This document is to be used in conjunction with IEEE Std 1679-2010, IEEE Recommended Practice for the Characterization and Evaluation of Emerging Energy Storage Technologies in Stationary Applications.

BSR/IEEE 1686-201x, Standard for Intelligent Electronic Devices (IEDs) Cyber Security Capabilities (revision of ANSI/IEEE 1686-2008)

Stakeholders: Purchasers of substation IEDs; IED vendors; Agencies and government organizations.

Project Need: The North American Electric Reliability Council (NERC) continues to issue and maintain a series of CIP standards that cannot be implemented without cyber security features in IEDs. This will be a clearly defined standard of security features.

Defines the functions and features to be provided in intelligent electronic devices (IEDs) to accommodate critical infrastructure protection (CIP) programs. The standard addresses security regarding the access, operation, configuration, firmware revision, and data retrieval from an IED. Encryption of communications to and from the IED is also addressed.

BSR/IEEE 1693-201x, Standard for Modular Interconnect Packaging for Scalable Systems (new standard)

Stakeholders: ATS stakeholders, suppliers of building blocks, VXI instrumentation, power modules, and interfaces.

Project Need: To reduce ATS cost drivers related to cabling/integration/maintenance, while improving performance, enhancing repeatability between systems and easing calibration of the test system.

Defines the electrical and mechanical specifications of a modular interconnect packaging system design for Automatic Test System (ATS). This standard specifically describes a building block approach based upon the integration of several elements.

BSR/IEEE 1907.1-201x, Standard for Network-Adaptive Quality of Experience (QoE) Management Scheme for Real-Time Mobile Video Communications (new standard)

Stakeholders: Mobile operators, infrastructure providers, and handset manufacturers; PC and tablet manufacturers.

Project Need: To define a mechanism for managing the end-to-end quality of real-time video user experience while efficiently utilizing fluctuating mobile device and network resources.

Defines an End-to-End Quality of Experience (E2E QoE) Management Scheme for real-time video communication systems, including those operating in resource varying environments.

BSR/IEEE C37.1-201x, Standard for Supervisory Control and Data Acquisition (SCADA) and Automation Systems (revision of ANSI/IEEE C37.1-2007)

Stakeholders: Utilities.

Project Need: While not dependent on other standards, many standards referenced by C37.1 are under revision or have changed. In addition, the standard needs to be aligned with the emerging smart grid standards.

Applies to, and provides the basis for, the definition, specification, performance analysis, and application of SCADA and automation systems in electric substations, including those associated with generating stations and power utilization and conversion facilities.

BSR/IEEE C37.012-201x, Guide for the Application of Capacitance Current Switching for AC High-Voltage Circuit Breakers Above 1000 V (revision of ANSI/IEEE C37.012-2005)

Stakeholders: Users of high-voltage circuit breakers, manufacturers, utilities, consulting engineers, and specifiers.

Project Need: Revision will address some of the comments received on the reaffirmation ballot. Furthermore, some of the figures need to be updated. C37.04 and C37.09 contain requirements and testing for class C0; this class needs to be added to C37.012.

Revises the application guide for capacitance current switching for high-voltage circuit breakers rated in accordance with IEEE C37.04 and listed in IEEE C37.06. This standard supplements IEEE Std C37.010. Circuit breakers rated an manufactured to meet other standards should be applied in accordance with application procedures adapted to their specific ratings.

BSR/IEEE C37.14-201x, Standard for DC (3200 V and below) Power Circuit Breakers Used in Enclosures (revision of ANSI/IEEE C37.14-2002 (R2008))

Stakeholders: Manufacturers, specifiers and consulting engineers, and users of DC (3200 V and below) power circuit breakers.

Project Need: This standard, as currently published, only contains construction requirements and testing requirements for dc power circuit breakers. Users of this document, are required to go to other documents to determine requirements for trip systems and preferred ratings. This project is to pull all of these requirements together in a single standard.

Covers the following types, preferred ratings, and testing requirements of enclosed dc power circuit breakers:

- (a) Stationary or drawout type of one- or two-pole functional construction;
- (b) Having rated maximum voltages of up to 3200 V;
- (c) Manually operated or power operated; and
- (d) With or without overcurrent trip devices.

NOTE: In this standard, the use of the term "circuit breaker shall be considered to mean "enclosed dc power circuit breaker."

NEMA (ASC C8) (National Electrical Manufacturers Association)

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Rosslyn, VA 22209

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BSR ICEA S-90-661-201x, Category 3, 5 & 5e Individually Unshielded Twisted Pair Indoor Cables for use in General Purpose and LAN Communications Wiring Systems (revision of ANSI ICEA S-90-661-2008)

Stakeholders: Parties interested in telecommunications.

Project Need: To update the current standard.

Establishes generic technical requirements that may be referenced by individual telecommunications wire specifications covering products intended for buried outside plant use. The parameters covered provide material, construction, and performance requirements.

NFPA (National Fire Protection Association)

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ANSI/NFPA 1002-2009, Standard for Fire Apparatus Driver/Operator Professional Qualifications (withdrawal of ANSI/NFPA 1002-2009)

Stakeholders: Manufacturers, users, installers/maintainers, Labor, enforcing authority, insurance, consumers.

Project Need: To provide for the public interest and need.

Identifies the minimum job performance requirements for career and volunteer fire fighters and Fire Brigade members who drive and operate fire apparatus.

ANSI/NFPA 1123-2010, Code for Fireworks Display (withdrawal of ANSI/NFPA 1123-2010)

Stakeholders: Manufacturers, users, installers/maintainers, Labor, enforcing authority, insurance, consumers.

Project Need: To provide for the public interest and need.

Applies to the following:

- (1) Construction, handling, and use of fireworks and equipment intended for outdoor fireworks display; and
- (2) Operation of the display.

BSR/NFPA 2-201x, Hydrogen Technologies Code (revision of ANSI/NFPA 2-2011)

Stakeholders: Manufacturers, users, installers/maintainers, Labor, enforcing authority, insurance, consumers.

Project Need: To provide for the public interest and need.

Provides fundamental safeguards for the generation, installation, storage, piping, use, and handling of hydrogen in compressed gas (GH2) form or cryogenic liquid (LH2) form. This code shall apply to the production, storage, transfer, and use of hydrogen in all occupancies.

BSR/NFPA 25-201x, Standard for the Inspection, Testing, and Maintenance of Water-Based Fire Protection Systems (revision of ANSI/NFPA 25-2011)

Stakeholders: Manufacturers, users, installers/maintainers, Labor, enforcing authority, insurance, consumers.

Project Need: To provide for the public interest and need.

Establishes the minimum requirements for the periodic inspection, testing, and maintenance of water-based fire protection systems, including land-based and marine applications. This standard does not address all of the inspection, testing, and maintenance of the electrical components of the automatic fire detection equipment for preaction and deluge systems that are addressed by NFPA 72, National Fire Alarm Code. The inspection, testing, and maintenance required by this standard and NFPA 72, National Fire Alarm Code, shall be coordinated so that the system operates as intended.

BSR/NFPA 37-201x, Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines (revision of ANSI/NFPA 37-2010)

Stakeholders: Manufacturers, users, installers/maintainers, Labor, enforcing authority, insurance, consumers.

Project Need: To provide for the public interest and need.

Establishes criteria for minimizing the hazards of fire during the installation and operation of stationary combustion engines and gas turbines.

BSR/NFPA 59A-201x, Standard for the Production, Storage, and Handling of Liquefied Natural Gas (LNG) (revision of ANSI/NFPA 59A-2009)

Stakeholders: Manufacturers, users, installers/maintainers, Labor, enforcing authority, insurance, consumers.

Project Need: To provide for the public interest and need.

Applies to the following:

- (1) Facilities that liquefy natural gas;
- (2) Facilities that store, vaporize, transfer, and handle liquefied natural gas (LNG);
- (3) The training of all personnel involved with LNG; and
- (4) The design, location, construction, maintenance, and operation of all LNG facilities.

BSR/NFPA 82-201x, Standard on Incinerators and Waste and Linen Handling Systems and Equipment (revision of ANSI/NFPA 82-2009)

Stakeholders: Manufacturers, users, installers/maintainers, Labor, enforcing authority, insurance, consumers.

Project Need: To provide for the public interest and need.

Covers requirements for the installation, maintenance, and use of waste and recyclables storage rooms, containers, handling systems, incinerators, compactors, and linen and laundry handling systems. This standard does not include design criteria for the purpose of reducing air pollution. For such criteria, consult the authorities having jurisdiction. The requirements in this standard shall not apply to one- or two-family residential structures.

BSR/NFPA 730-201x, Guide for Premises Security (revision of ANSI/NFPA 730-2011)

Stakeholders: Manufacturers, users, installers/maintainers, Labor, enforcing authority, insurance, consumers.

Project Need: To provide for the public interest and need.

Describes construction, protection, occupancy features, and practices intended to reduce security vulnerabilities to life and property. This guide is not intended to supersede government statutes or regulations.

BSR/NFPA 731-201x, Standard for the Installation of Electronic Premises Security Systems (revision of ANSI/NFPA 731-2011)

Stakeholders: Manufacturers, users, installers/maintainers, Labor, enforcing authority, insurance, consumers.

Project Need: To provide for the public interest and need.

Covers the application, location, installation, performance, testing, and maintenance of electronic premises security systems and their components.

BSR/NFPA 750-201x, Standard on Water Mist Fire Protection Systems (revision of ANSI/NFPA 750-2010)

Stakeholders: Manufacturers, users, installers/maintainers, Labor, enforcing authority, insurance, consumers.

Project Need: To provide for the public interest and need.

Contains the minimum requirements for the design, installation, maintenance, and testing of water-mist fire-protection systems. This standard does not provide definitive fire performance criteria, nor does it offer specific guidance on how to design a system to control, suppress, or extinguish a fire. Reliance is placed on the procurement and installation of listed water-mist equipment or systems that have demonstrated performance in fire tests as part of a listing process.

BSR/NFPA 921-201x, Guide for Fire and Explosion Investigations (new standard)

Stakeholders: Manufacturers, users, installers/maintainers, Labor, enforcing authority, insurance, consumers.

Project Need: To provide for the public interest and need.

Assists individuals who are charged with the responsibility of investigating and analyzing fire and explosion incidents and rendering opinions as to the origin, cause, responsibility, or prevention of such incidents.

BSR/NFPA 1192-201x, Standard on Recreational Vehicles (revision of ANSI/NFPA 1192-2011)

Stakeholders: Manufacturers, users, installers/maintainers, Labor, enforcing authority, insurance, consumers.

Project Need: To provide for the public interest and need.

Covers fire and life safety criteria for recreational vehicles.

BSR/NFPA 1194-201x, Standard for Recreational Vehicle Parks and Campgrounds (revision of ANSI/NFPA 1194-2011)

Stakeholders: Manufacturers, users, installers/maintainers, Labor, enforcing authority, insurance, consumers.

Project Need: To provide for the public interest and need.

Provides minimum construction requirements for safety and health for occupants using facilities supplied by recreational vehicle parks and campgrounds offering temporary living sites for use by recreational vehicles, recreational park trailers, and other camping units.

BSR/NFPA 1521-201x, Standard for Fire Department Safety Officer (revision of ANSI/NFPA 1521-2007)

Stakeholders: Manufacturers, users, installers/maintainers, Labor, enforcing authority, insurance, consumers.

Project Need: To provide for the public interest and need.

Contains minimum requirements for the assignment, duties, and responsibilities of a health and safety officer (HSO) and an incident safety officer (ISO) for a fire department.

BSR/NFPA 1561-201x, Standard on Emergency Services Incident Management System (revision of ANSI/NFPA 1561-2008)

Stakeholders: Manufacturers, users, installers/maintainers, Labor, enforcing authority, insurance, consumers.

Project Need: To provide for the public interest and need.

Contains the minimum requirements for an incident management system to be used by emergency services to manage all emergency incidents.

BSR/NFPA 1670-201x, Standard on Operations and Training for Technical Search and Rescue Incidents (revision of ANSI/NFPA 1670-2009)

Stakeholders: Manufacturers, users, installers/maintainers, Labor, enforcing authority, insurance, consumers.

Project Need: To provide for the public interest and need.

Identifies and establishes levels of functional capability for conducting operations at technical search and rescue incidents while minimizing threats to rescuers.

BSR/NFPA 1963-201x, Standard for Fire Hose Connections (revision of ANSI/NFPA 1963-2009)

Stakeholders: Manufacturers, users, installers/maintainers, Labor, enforcing authority, insurance, consumers.

Project Need: To provide for the public interest and need.

Gives the performance requirements for new fire hose couplings and adapters with nominal sizes from 3/4 in. (19 mm) through 8 in. (200 mm) and the specifications for the mating surfaces.

BSR/NFPA 1965-201x, Standard for Fire Hose Appliances (revision of ANSI/NFPA 1965-2009)

Stakeholders: Manufacturers, users, installers/maintainers, Labor, enforcing authority, insurance, consumers.

Project Need: To provide for the public interest and need.

Covers the requirements for fire hose appliances up to and including 150 mm (6 in.) nominal dimension designed for connection to fire hose, fire apparatus, and fire hydrants and intended for general fire service use in controlling or conveying water. The purchasers should specify any desired conformance testing or required certification to this standard at the time they order the appliance.

BSR/NFPA 1975-201x, Standard on Station/Work Uniforms for Emergency Services (revision of ANSI/NFPA 1975-2009)

Stakeholders: Manufacturers, users, installers/maintainers, Labor, enforcing authority, insurance, consumers.

Project Need: To provide for the public interest and need.

Specifies requirements for the design, performance, testing, and certification of nonprimary protective station/work uniforms and the individual garments comprising station/work uniforms. This standard shall also specify requirements for the thermal stability of textiles used in the construction of station/work uniforms and optional requirements for flame-resistant textiles where such textiles are specified or claimed to be used in construction of station/work uniforms

UL (Underwriters Laboratories, Inc.)

Office: 1285 Walt Whitman Road
Melville, NY 11747

Contact: *Raymond Suga*

Fax: (631) 439-6758

E-mail: Raymond.M.Suga@us.ul.com

BSR/UL 2640-201x, Test Method for Server Performance (new standard)

Stakeholders: Manufacturers of servers, engineering consulting firms, service companies, data center operators.

Project Need: Currently, there is no American National Standard for the performance of servers used in data centers. This provides a standard for data center managers to access their IT equipment accurately and for optimal selection of hardware during their server refresh cycle.

Applies to desktop servers, rack-mountable servers, individual blade servers, chassis containing multiple blade servers, and supercomputers intended to be supplied by a branch circuit of 600 volts ac or less. The servers covered by this test method shall be provided with at least one CPU and at least one hard disk drive or solid state drive, support an operating system, and be capable of being booted from a memory stick.

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.

AAMI

Association for the Advancement of Medical Instrumentation (AAMI)

4301 N Fairfax Drive
Suite 301
Arlington, VA 22203-1633
Phone: (703) 253-8263
Fax: (703) 276-0793
Web: www.aami.org

ACCA

Air Conditioning Contractors of America

2800 Shirlington Road
Suite 300
Arlington, VA 22206
Phone: (202) 251-3835
Fax: (703) 575-4449
Web: www.acca.org

AHRI

Air-Conditioning, Heating, and Refrigeration Institute

2111 Wilson Boulevard
Suite 500
Arlington, VA 22201
Phone: (703) 600-0327
Fax: (703) 562-1942
Web: www.ahrinet.org

AISI

American Iron and Steel Institute

1140 Connecticut Avenue, NW
Suite 705
Washington, DC 20036
Phone: (202) 452-7134
Fax: (202) 452-1039
Web: www.steel.org

ANS

American Nuclear Society

555 North Kensington Avenue
La Grange Park, IL 60525
Phone: (708) 579-8269
Fax: (708) 352-6464
Web: www.ans.org

ASA (ASC S12)

Acoustical Society of America

35 Pinelawn Road
Suite 114E
Melville, NY 11747
Phone: (631) 390-0215
Fax: (631) 390-0217
Web: acousticalsociety.org

ASABE

American Society of Agricultural and Biological Engineers

2950 Niles Road
St Joseph, MI 49085
Phone: (269) 932-7015
Fax: (269) 429-3852
Web: www.asabe.org

ASME

American Society of Mechanical Engineers

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

ASTM

ASTM International

100 Barr Harbor Drive
West Conshohocken, PA 19428-2959
Phone: (610) 832-9743
Fax: (610) 834-3655
Web: www.astm.org

AWS

American Welding Society

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

CSA

CSA America, Inc.

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

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

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

IEEE (ASC N42)

Institute of Electrical and Electronics Engineers

NIST
100 Bureau Drive, Mail Stop 8642
Gaithersburg, MD 20899-8462
Phone: (301) 975-5536
Fax: (301) 926-7416
Web: www.ieee.org

ITI (INCITS)

InterNational Committee for Information Technology Standards

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

MHI

Material Handling Industry

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

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 C8)

ASC C8

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

NFPA

National Fire Protection Association

One Batterymarch Park
Quincy, MA 02169-7471
Phone: (617) 770-3000
Fax: (617) 770-3500
Web: www.nfpa.org

PLASA

PLASA North America

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

SLAS

Society for Laboratory Automation and Screening

100 Illinois Street, 242
St. Charles, Illinois 60174
Phone: (630) 256-7527
Fax: (630) 741-7527
Web: www.slas.org

TAPPI

Technical Association of the Pulp and Paper Industry

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

UAMA (ASC B7)

Unified Abrasive Manufacturers' Association

30200 Detroit Road
Cleveland, OH 44145-1967
Phone: (440) 899-0010
Fax: (440) 892-1404
Web: www.uama.org

UL

Underwriters Laboratories, Inc.

333 Pfingsten Road
Northbrook, IL 60062-2096
Phone: (847) 664-2346
Fax: (847) 313-2346
Web: www.ul.com/

VITA

VMEbus International Trade Association (VITA)

PO Box 19658
Fountain Hills, AZ 85269
Phone: (480) 837-7486
Fax: (480) 837-7486
Web: www.vita.com/

ISO & IEC Draft International Standards



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

Comments

Comments regarding ISO documents should be sent to Rachel Howenstine at ANSI's New York offices, those regarding IEC documents to Charles T. Zegers, also at ANSI New York offices. The final date for offering comments is listed after each draft.

Ordering Instructions

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

ISO Standards

DENTISTRY (TC 106)

ISO/DIS 1797-3, Dentistry - Shanks for rotary instruments - Part 3: Shanks made of ceramics - 1/27/2012, \$46.00

ROAD VEHICLES (TC 22)

ISO/DIS 22900-3, Road vehicles - Modular vehicle communication interface (MVCI) - Part 3: Diagnostic server application programming interface (D-Server API) - 1/28/2012, FREE

IEC Standards

21/766/FDIS, IEC 61056-2 Ed.3: General purpose lead-acid batteries (valve-regulated types) - Part 2: Dimensions, terminals and marking, 01/06/2012

45A/859/FDIS, IEC 62566 Ed.1: Nuclear power plants - Instruments and control important to safety - Development of HDL-programmed integrated circuits for systems performing category A functions, 01/06/2012

110/337/FDIS, IEC 61988-2-1 Ed.2: Plasma Display Panels - Part 2-1: Measuring methods - Optical and optoelectrical, 01/06/2012

110/338/FDIS, IEC 62341-6-2 Ed.1: Organic light emitting diode (OLED) displays - Part 6-2: Measuring methods of visual quality and ambient performance, 01/06/2012

61/4282A/FDIS, IEC 60335-2-23-A2 Ed 5.0: Household and similar electrical appliances - Safety - Part 2-23: Particular requirements for appliances for skin or hair care, 12/09/2011

61/4282/FDIS, IEC 60335-2-23-A2 Ed 5.0: Household and similar electrical appliances - Safety - Part 2-23: Particular requirements for appliances for skin or hair care, 12/09/2011

CIS/1/391/FDIS, CISPR 32 Ed.1: Electromagnetic compatibility of multimedia equipment - Emission requirements, 12/09/2011

48D/492/FDIS, IEC 60297-3-107 Ed 1.0: Mechanical structures for electronic equipment - Dimensions of mechanical structures of the 482,6 mm (19 in) series - Part 3-107: Dimensions of subracks and plug-in units, small form factor, 12/02/2011

59K/232/FDIS, IEC 60350-1 Ed 1.0: Household electric cooking appliances - Part 1: Ranges, ovens, steam ovens and grills - Methods for measuring performance, 12/02/2011

59K/233/FDIS, IEC 60350-2 Ed 1.0: Household electric cooking appliances - Part 2: Hobs - Methods for measuring performance, 12/02/2011

64/1805/FDIS, IEC 60364-5-55 Ed.2: Electrical installations of buildings - Part 5-55: selection and erection of electrical equipment - Other equipment, 12/02/2011

64/1806/FDIS, IEC 60364-7-714 Ed.2: Low-voltage electrical installations - Part 7-714: Requirements for special installations or locations - External lighting installations, 12/02/2011

64/1807/FDIS, IEC 60364-7-715 Ed.2: low-voltage electrical installations - Part 7-715: requirements for special installations or locations - Extra-low-voltage lighting installations, 12/02/2011

Newly Published ISO & IEC Standards



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

ISO Standards

ISO/IEC JTC 1 Technical Reports

[ISO/IEC TR 24733:2011](#), Information technology - Programming languages, their environments and system software interfaces - Extensions for the programming language C++ to support decimal floating-point arithmetic, \$157.00

AGRICULTURAL FOOD PRODUCTS (TC 34)

[ISO 7700-2:2011](#), Food products - Checking the performance of moisture meters in use - Part 2: Moisture meters for oilseeds, \$57.00

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

[ISO 8835-7:2011](#), Inhalational anaesthesia systems - Part 7: Anaesthetic systems for use in areas with limited logistical supplies of electricity and anaesthetic gases, \$57.00

FASTENERS (TC 2)

[ISO 4753:2011](#), Fasteners - Ends of parts with external ISO metric thread, \$49.00

FIRE SAFETY (TC 92)

[ISO 5658-2/Amd1:2011](#), Reaction to fire tests - Spread of flame - Part 2: Lateral spread on building and transport products in vertical configuration - Amendment 1, \$16.00

FLUID POWER SYSTEMS (TC 131)

[ISO 15524:2011](#), Pneumatic fluid power - Cylinders - Single-rod short-stroke cylinders, 1 000 kPa (10 bar) series, bores from 20 mm to 100 mm, \$43.00

INDUSTRIAL TRUCKS (TC 110)

[ISO 22915-11:2011](#), Industrial trucks - Verification of stability - Part 11: Industrial variable-reach trucks, \$49.00

MICROBEAM ANALYSIS (TC 202)

[ISO 13067:2011](#), Microbeam analysis - Electron backscatter diffraction - Measurement of average grain size, \$92.00

NUCLEAR ENERGY (TC 85)

[ISO 17874-3:2011](#), Remote handling devices for radioactive materials - Part 3: Electrical master-slave manipulators, \$135.00

PAINTS AND VARNISHES (TC 35)

[ISO 7783:2011](#), Paints and varnishes - Determination of water-vapour transmission properties - Cup method, \$92.00

PAPER, BOARD AND PULPS (TC 6)

[ISO 3035:2011](#), Corrugated fibreboard - Determination of flat crush resistance, \$57.00

PLAIN BEARINGS (TC 123)

[ISO 4381:2011](#), Plain bearings - Tin casting alloys for multilayer plain bearings, \$49.00

PLASTICS (TC 61)

[ISO 14898/Amd1:2011](#), Plastics - Aromatic isocyanates for use in the production of polyurethane - Determination of acidity - Amendment 1, \$16.00

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

[ISO 13056:2011](#), Plastics piping systems - Pressure systems for hot and cold water - Test method for leaktightness under vacuum, \$43.00

[ISO 11296-7:2011](#), Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 7: Lining with spirally-wound pipes, \$86.00

ROAD VEHICLES (TC 22)

[ISO 13209-1:2011](#), Road vehicles - Open Test sequence eXchange format (OTX) - Part 1: General information and use cases, \$98.00

RUBBER AND RUBBER PRODUCTS (TC 45)

[ISO 34-2:2011](#), Rubber, vulcanized or thermoplastic - Determination of tear strength - Part 2: Small (Delft) test pieces, \$80.00

[ISO 2475:2011](#), Chloroprene rubber (CR) - General-purpose types - Evaluation procedure, \$73.00

[ISO 13226:2011](#), Rubber - Standard reference elastomers (SREs) for characterizing the effect of liquids on vulcanized rubbers, \$116.00

STEEL (TC 17)

[ISO 16172:2011](#), Continuous hot-dip metallic-coated steel sheet for corrugated steel pipe, \$65.00

SURFACE CHEMICAL ANALYSIS (TC 201)

[ISO 20903:2011](#), Surface chemical analysis - Auger electron spectroscopy and X-ray photoelectron spectroscopy - Methods used to determine peak intensities and information required when reporting results, \$86.00

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

[ISO 15378:2011](#), Primary packaging materials for medicinal products - Particular requirements for the application of ISO 9001:2008, with reference to Good Manufacturing Practice (GMP), \$167.00

WELDING AND ALLIED PROCESSES (TC 44)

[ISO 5173/Amd1:2011](#), Destructive tests on welds in metallic materials - Bend tests - Amendment 1, \$16.00

ISO Technical Specifications

HEALTH INFORMATICS (TC 215)

[ISO/TS 14265:2011](#), Health Informatics - Classification of purposes for processing personal health information, \$80.00

NON-DESTRUCTIVE TESTING (TC 135)

[ISO/TS 11774:2011](#), Non-destructive testing - Performance-based qualification, \$73.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

[ISO/TS 14907-2:2011](#), Electronic fee collection - Test procedures for user and fixed equipment - Part 2: Conformance test for the onboard unit application interface, \$180.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 14496-4/Amd40:2011](#), Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 40: ExtendedCore2D conformance, \$16.00

[ISO/IEC 14496-5/Amd29:2011](#), Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 29: Reference software for LAsER presentation and modification of structured information (PMSI) tools, \$16.00

[ISO/IEC 21000-8/Amd2:2011](#), Information technology - Multimedia framework (MPEG 21) - Part 8: Reference software - Amendment 2: Reference software for media value chain ontology (MVC0), \$16.00

[ISO/IEC 14496-15/Amd1:2011](#), Information technology - Coding of audio-visual objects - Part 15: Advanced Video Coding (AVC) file format - Amendment 1: Sub-track definitions, \$16.00

[ISO/IEC 18013-4:2011](#), Information technology - Personal identification - ISO-compliant driving licence - Part 4: Test methods, \$307.00

[ISO/IEC 23005-7:2011](#), Information technology - Media context and control - Part 7: Conformance and reference software, \$141.00

[ISO/IEC 14496-16:2011](#), Information technology - Coding of audio-visual objects - Part 16: Animation Framework eXtension (AFX), \$320.00

[ISO/IEC 19757-11:2011](#), Information technology - Document Schema Definition Languages (DSDL) - Part 11: Schema association, \$49.00

IEC Standards

AUDIO, VIDEO AND MULTIMEDIA SYSTEMS AND EQUIPMENT (TC 100)

[IEC 61937-2 Amd.1 Ed. 2.0 b:2011](#), Amendment 1 - Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 2: Burst-info, \$31.00

[IEC/TR 62712 Ed. 1.0 en:2011](#), Professional tape-less camera recorder, \$117.00

DOCUMENTATION AND GRAPHICAL SYMBOLS (TC 3)

[IEC 62023 Ed. 2.0 b:2011](#), Structuring of technical information and documentation, \$143.00

[IEC 80416-3 Ed. 1.1 b:2011](#), Basic principles for graphical symbols for use on equipment - Part 3: Guidelines for the application of graphical symbols, \$112.00

ELECTRICAL ACCESSORIES (TC 23)

[IEC 62549 Ed. 1.0 b:2011](#), Articulated systems and flexible systems for cable guiding, \$179.00

ELECTRICAL EQUIPMENT IN MEDICAL PRACTICE (TC 62)

[IEC 60601-2-25 Ed. 2.0 b:2011](#), Medical electrical equipment - Part 2-25: Particular requirements for the basic safety and essential performance of electrocardiographs, \$260.00

ELECTROMAGNETIC COMPATIBILITY (TC 77)

[IEC/TR 61000-3-14 Ed. 1.0 en:2011](#), Electromagnetic compatibility (EMC) - Part 3-14: Assessment of emission limits for harmonics, interharmonics, voltage fluctuations and unbalance for the connection of disturbing installations to LV power systems, \$260.00

ELECTROMECHANICAL COMPONENTS AND MECHANICAL STRUCTURES FOR ELECTRONIC EQUIPMENTS (TC 48)

[IEC 61984 Ed. 2.0 b Cor.1:2011](#), Corrigendum 1 - Connectors - Safety requirements and tests, \$0.00

FIBRE OPTICS (TC 86)

[IEC 60793-1-44 Ed. 2.0 b:2011](#), Optical fibres - Part 1-44: Measurement methods and test procedures - Cut-off wavelength, \$107.00

[IEC 60794-3-40 Ed. 1.0 b:2008](#), Optical fibre cables - Part 3-40: Outdoor cables - Family specification for sewer cables and conduits for installation by blowing and/or pulling in non-man accessible storm and sanitary sewers, \$158.00

[IEC 61300-3-35 Ed. 1.0 b:2009](#), Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-35: Examinations and measurements - Fibre optic connector endface visual and automated inspection, \$107.00

[IEC/TR 62470 Ed. 1.0 en:2011](#), Guidance on techniques for the measurement of the coefficient of friction (COF) between cables and ducts, \$66.00

FLUIDS FOR ELECTROTECHNICAL APPLICATIONS (TC 10)

[IEC 60475 Ed. 2.0 b:2011](#), Method of sampling insulating liquids, \$128.00

[IEC 60567 Ed. 4.0 b:2011](#), Oil-filled electrical equipment - Sampling of gases and analysis of free and dissolved gases - Guidance, \$204.00

FUEL CELL TECHNOLOGIES (TC 105)

[IEC 62282-3-200 Ed. 1.0 b:2011](#), Fuel cell technologies - Part 3-200: Stationary fuel cell power systems - Performance test methods, \$250.00

INDUSTRIAL ELECTROHEATING EQUIPMENT (TC 27)

[IEC 60683 Ed. 2.0 b:2011](#), Industrial electroheating equipment - Test methods for submerged-arc furnaces, \$66.00

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

[IEC 62541-4 Ed. 1.0 b:2011](#), OPC unified architecture - Part 4: Services, \$281.00

[IEC 62541-5 Ed. 1.0 b:2011](#), OPC unified architecture - Part 5: Information Model, \$265.00

[IEC 62541-6 Ed. 1.0 b:2011](#), OPC unified architecture - Part 6: Mappings, \$235.00

[IEC 62541-8 Ed. 1.0 b:2011](#), OPC unified architecture - Part 8: Data Access, \$87.00

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

[IEC/TR 60664-2-1 Ed. 2.0 b Cor.1:2011](#), Corrigendum 1 - Insulation coordination for equipment within low-voltage systems - Part 2-1: Application guide - Explanation of the application of the IEC 60664 series, dimensioning examples and dielectric testing, \$0.00

LASER EQUIPMENT (TC 76)

[IEC/TR 60825-13 Ed. 2.0 en:2011](#), Safety of laser products - Part 13: Measurements for classification of laser products, \$235.00

OTHER

[IECEE 01 Ed. 14.0 en:2011](#), IEC System of Conformity Assessment Schemes for Electrotechnical Equipment and Components (IECEE) - Basic Rules, \$0.00

[IECEX 01B Ed. 1.0 en:2011](#), IEC System for Certification to Standards relating to Equipment for use in Explosive Atmospheres (IECEX System) - Guidance for the use of the IECEx Logo, \$0.00

[IECEE ELVH-DB-12M Ed. 1.0 en:2010](#), IECEE CB BULLETIN - Information about IEC Standards and National Differences operated by the IECEE Members to issue (and Recognize) CB Test Certificates - 12-month subscription to online database comprising the Product Category ELVH: Electrical Vehicles, \$107.00

POWER ELECTRONICS (TC 22)

[IEC 61148 Ed. 2.0 b:2011](#), Terminal markings for valve device stacks and assemblies and for power conversion equipment, \$117.00

SHORT-CIRCUIT CURRENTS (TC 73)

[IEC 60865-1 Ed. 3.0 b:2011](#), Short-circuit currents - Calculation of effects - Part 1: Definitions and calculation methods, \$204.00

SUPERCONDUCTIVITY (TC 90)

[IEC 61788-15 Ed. 1.0 b:2011](#), Superconductivity - Part 15: Electronic characteristic measurements - Intrinsic surface impedance of superconductor films at microwave frequencies, \$179.00

SWITCHGEAR AND CONTROLGEAR (TC 17)

[IEC 60947-8 Ed. 1.2 b:2011](#), Low-voltage switchgear and controlgear - Part 8: Control units for built-in thermal protection (PTC) for rotating electrical machines, \$316.00

[IEC 61915-2 Ed. 1.0 b:2011](#), Low-voltage switchgear and controlgear - Device profiles for networked industrial devices - Part 2: Root device profiles for starters and similar equipment, \$158.00

[IEC 62271-200 Ed. 2.0 b:2011](#), High-voltage switchgear and controlgear - Part 200: AC metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV, \$250.00

TERMINOLOGY (TC 1)

[IEC 60050-617 Amd.1 Ed. 1.0 b:2011](#), Amendment 1 - International Electrotechnical Vocabulary - Part 617: Organization/Market of electricity, \$31.00

IEC Technical Specifications**ELECTRIC TRACTION EQUIPMENT (TC 9)**

[IEC/TS 62597 Ed. 1.0 b:2011](#), Measurement procedures of magnetic field levels generated by electronic and electrical apparatus in the railway environment with respect to human exposure, \$117.00

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

Viewray

Public Review: October 7, 2011 to January 3, 2012

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.

Call for Members

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

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

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

ANSI Accredited Standards Developers

Approval of Reaccreditation

ASC Z10 – Occupational Health & Safety Systems

ANSI's Executive Standards Council has approved the reaccreditation of ASC Z10, Occupational Health & Safety Systems (with the American Industrial Hygiene Association continuing as Secretariat), under its recently revised operating procedures for documenting consensus on proposed American National Standards, effective November 2, 2011. For additional information, please contact: Ms. Beatrice Barry, Standards & Guidelines, AIHA, 2700 Prosperity Avenue, Suite 250, Fairfax, VA 22031; PHONE: (703) 849-8888; FAX: (703) 207-8558; E-mail: bbarry@aiha.org.

ANSI Accreditation Program for Greenhouse Gas Verification/Validation Bodies

Scope Extension

Stantec Consulting Ltd. Atmospheric Environment Group

Comment Deadline: December 5, 2011

Stantec Consulting Ltd. Atmospheric Environment Group

Mike Murphy, Senior Principal
845 Prospect Street
Fredericton, NB E3B 2T7
Canada
PHONE: (506) 452-7000
E-mail: Mike.Murphy@stantec.com

On October 27, 2011 the ANSI Greenhouse Gas Validation/Verification Accreditation Committee voted to approve an extension of scope of accreditation for Stantec Consulting Ltd. Atmospheric Environment Group for the following:

Standards:

ISO 14065: Greenhouse gases – Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition

Scopes:

Validation of assertions related to GHG emission reductions and removals at the project level

Sector Group 01. GHG emission reductions from fuel combustion

Sector Group 02. GHG emission reductions from industrial processes (non-combustion, chemical reaction, fugitive and other)

Verification of assertions related to GHG emission reductions and removals at the project level

Sector Group 01. GHG emission reductions from fuel combustion

Sector Group 02. GHG emission reductions from industrial processes (non-combustion, chemical reaction, fugitive and other)

Please send your comments by December 5, 2011 to Ann Bowles, Senior Program Manager, GHG Program, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, FAX: (202) 293-9287, or E-mail: abowles@ansi.org.

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO/TC 96 – Cranes

ANSI has been informed by BSI (United Kingdom), the ISO delegated secretariat, that they wish to relinquish the role of the secretariat (and hence, SC 3 – Selection of wire ropes, and SC 8 – Jib cranes). ISO/TC 96 operates under the following scope:

Standardization in the field of cranes and related equipment which suspend loads by means of a load-handling device, particularly in respect of terminology, load rating, testing, safety, general design principles, maintenance, operation and load lifting attachments.

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

Establishment of Technical Committees

ISO/TC 264 – Fireworks

The ISO Technical Management Board has created a new ISO Technical Committee on Fireworks (ISO/TC 264). The secretariat has been assigned to SAC (China). The new technical committee has the following scope:

Standardization in the field of Fireworks, including quality control, definitions, terminology, classification, categorization, labelling, test methods and basic safety requirements.

Organizations interested in serving as the US/TAG administrator or participating on the US/TAG should contact ANSI's ISO Team at isot@ansi.org.

ISO/TC 265 – Carbon capture and storage (CCS)

The ISO Technical Management Board has created a new ISO Technical Committee on Carbon Capture and Storage (ISO/TC 265). The secretariat has been assigned to SCC (Canada). The new technical committee has the following scope:

Standardization of materials, equipment, environmental planning and management, risk management, quantification and verification, and related activities in the field of carbon capture and storage (CCS)

Organizations interested in serving as the US/TAG administrator or participating on the US/TAG should contact ANSI's ISO Team at isot@ansi.org.

U.S. Technical Advisory Group

Expansion of TAG Scope

ISO/TC 173/SC 1 – Wheelchairs, and ISO/TC 173/SC 2 – Classification and Terminology

The Rehabilitation Engineering and Assistive Technology Society of North America (RESNA), in its role as the TAG Administrator of the currently accredited U.S. Technical Advisory Group (TAG) to ISO/TC 173/SC 1, Wheelchairs, has requested the expansion of the TAG's scope to cover the activities of ISO/TC 173/SC 2, Classification and terminology. The currently accredited U.S. TAG to ISO/TC 173/SC 1 operates under the Model Operating Procedures for U.S. TAGs to ANSI for ISO Activities, as contained in Annex A of the ANSI International Procedures. Please forward any comments on this action to: Ms. Harmony Hilderbrand, Secretary, RESNA Assistive Technology Standards Board, Office Manager, Beneficial Designs, Inc., P.O. Box 69, 2240 Meridian Blvd., Suite C, Minden, NV 89423; PHONE: (775) 783-8822, ext. 272; E-mail: Harmony@beneficialdesigns.com (please copy psa@ansi.org).

Meeting Notice

SC Z88.2 – Practices for Respiratory Protection

There will be a Face to Face meeting of the Z88.2 Subcommittee on Practices for Respiratory Protection, January 17-18, 2012 at the AIHA office, 2700 Prosperity Ave. Suite 250, Fairfax, VA 22031. This standard sets forth accepted practices for respirator users; provides information and guidance on the proper selection, use, and care of respirators; and contains requirements for establishing and regulating respirator programs. The standard covers the use of respirators to protect persons against the inhalation of harmful air contaminants and against oxygen-deficient atmospheres in the workplace. The following are not covered by this standard: a) underwater breathing devices; b) aircraft oxygen systems; c) use of respirators under military combat conditions; and d) medical inhalators and resuscitators.

The PINS was submitted 9/27/2010 and the committee has since reformed with new members. Due to appeals and ANSI withdrawal of the 1992 standard, this has not been revised - ANSI did not approve a previous submission and recommended that AIHA should start the process over.

If you have any questions or want further information, contact Beatrice Barry at AIHA at (703) 846-0756 (direct), (703) 849-8888 (office), (703) 207-8558 (fax), or bbarry@aiha.org (e-mail).

Substantive Modifications to the ACCA 12 EHEPI Standard

Modification	Substantiation												
<p>3.3.1 Carbon Monoxide (CO) testing</p> <p>3.3.1.1 Requirement: The Auditor shall measure test and record the CO level of: in</p> <p>a. The combustion appliance</p> <p>b. and its accessible venting system, and</p> <p>c. The CAZ zone (CAZ) to ensure that it does not exceed 9 ppm.</p> <p>3.3.1.2 Acceptable Procedures: The Auditor shall test the occupied zone of spaces containing CO level of the combustion appliances, the joints and seams its venting system, and monitor the CO level in the CAZ, for carbon monoxide using one of the following:</p>	<p>The added clarifications align the requirements for measuring CO (as specified) and to remove the requirement for a specific CO tolerance in this section.</p> <p>Additionally, the clarification in §3.3.1.2 reflects the procedures that are to be used.</p>												
<p>3.3.5.1 Requirement: The Auditor shall provide evidence that the combustion appliance is installed in a <u>safe condition for continuing manner fit</u> for use during periods of depressurization generated by the occupants.</p>	<p>This revision revises a term used to reflect current language in the ANSI/NFPA 54.</p>												
<p>3.7.1.1 Requirement: <u>When replacement of HVAC equipment will be recommended,</u> the Auditor shall:</p> <p>a. calculate the heat loss and heat gain loads, and</p> <p>b. select<u>determine</u> the replacement installed equipment's capacity <u>per OEM performance data (cooling equipment capacity shall be determined at Manual J rated conditions)</u>.</p>	<p>This requirement was revised to modify when load calculations and equipment selection tasks were necessary to be performed.</p>												
<p>3.12.1.1 Requirements: The Auditor shall visually examine and record:</p> <p>c. For the interior of the building, crawlspace, and attic, evidence of moisture at the following locations:</p> <p>x. <u>The ground of the crawlspace;</u></p>	<p>The requirement was revised to include an additional source of moisture in homes.</p>												
<p>3.13 Pools and Spas</p> <p>3.13.1 Requirements: The Auditor shall ensure:</p> <p>3.13.1.1 Safety: Note type of suction outlet cover(s) <u>and flow rating.</u></p>	<p>This requirement was revised to correct a correlation between the requirement and the benchmark.</p>												
<p>Section 4.0 Table 2</p> <table border="1" data-bbox="243 1123 1023 1806"> <thead> <tr> <th colspan="3" data-bbox="243 1123 1023 1192">Table 2: Comparison of Current Measurements and Comparative Benchmarks</th> </tr> <tr> <th data-bbox="243 1192 435 1262">Improvement Area</th> <th data-bbox="435 1192 699 1262">Current measurement or value</th> <th data-bbox="699 1192 1023 1262">Comparative Benchmarks</th> </tr> </thead> <tbody> <tr> <td data-bbox="243 1262 435 1570"> <p>§3.3.1 CO of flue gasses</p> <p>CO at vent piping</p> <p>Ambient CO level in CAZ</p> <p>CO of undiluted flue gases</p> </td> <td data-bbox="435 1262 699 1570"> <p>_____ ppm</p> <p>_____ ppm</p> <p>_____ ppm</p> <p>_____ ppm</p> </td> <td data-bbox="699 1262 1023 1570"> <p>< 100 ppm</p> <p>0 ppm (i.e., no leaks)</p> <p>Less than 9 ppm</p> <p>As specified by EPA Air Quality Criteria for Carbon Monoxide (EPA 600/P-99/001F 2000)</p> </td> </tr> <tr> <td data-bbox="243 1570 435 1806"> <p>§3.3.5 Depressurization</p> </td> <td data-bbox="435 1570 699 1806"> <p><u>Appliance _____ displays proper draft all of the the way around the appliance. Yes/No</u></p> <p>_____</p> <p>or</p> <p>Pressure in CAZ _____ Pa</p> </td> <td data-bbox="699 1570 1023 1806"> <p>Appliance drafts at all points around the circumference of the draft hood relief opening</p> <p>Positive or neutral pressure in the CAZ</p> </td> </tr> </tbody> </table>	Table 2: Comparison of Current Measurements and Comparative Benchmarks			Improvement Area	Current measurement or value	Comparative Benchmarks	<p>§3.3.1 CO of flue gasses</p> <p>CO at vent piping</p> <p>Ambient CO level in CAZ</p> <p>CO of undiluted flue gases</p>	<p>_____ ppm</p> <p>_____ ppm</p> <p>_____ ppm</p> <p>_____ ppm</p>	<p>< 100 ppm</p> <p>0 ppm (i.e., no leaks)</p> <p>Less than 9 ppm</p> <p>As specified by EPA Air Quality Criteria for Carbon Monoxide (EPA 600/P-99/001F 2000)</p>	<p>§3.3.5 Depressurization</p>	<p><u>Appliance _____ displays proper draft all of the the way around the appliance. Yes/No</u></p> <p>_____</p> <p>or</p> <p>Pressure in CAZ _____ Pa</p>	<p>Appliance drafts at all points around the circumference of the draft hood relief opening</p> <p>Positive or neutral pressure in the CAZ</p>	<p>This portion of Table 2 was revised to reflect the modifications made to Section 3.3.1.</p>
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<p>5.3.2 Shall <u>For new HVAC systems, include properly sized equipment.</u> HVAC systems to address changes to the building.</p>	<p>This requirement was revised to adjust when it is necessary to be implemented.</p>												

<p>5.4 Documentation Required:</p> <p>5.4.1 <u>Findings and benchmarks</u>: Provide the client with a record of the audit <u>findings</u> and <u>benchmarks</u> used to develop the resulting Scopes of Work.</p>	<p>This requirement was revised to ensure the client of the findings and benchmarks that were used to identify the proposed improvements.</p>
<p>A4.0 Carbon Monoxide (CO) Test</p> <p>A4.1 Equipment used to measure CO shall:</p> <p><u>A4.1.3 Have a visual readout</u></p> <p><u>A4.3 CO measurement equipment shall operate continuously in the CAZ during the CO testing of the combustion equipment and during the depressurization test.</u></p> <p><u>A4.3.1 The CO detection equipment shall be monitored.</u></p> <p><u>A4.3.2 If CO levels of 9 ppm are detected for more than 15 minutes, then the Auditor shall have the discretion to stop all CO testing and depressurization testing.</u></p> <p><u>A4.3.3 If CO levels of 25 ppm are detected, then the Auditor shall stop all CO testing and depressurization testing.</u></p> <p>A4.4 For atmospherically vented appliances:</p> <p>A4.4.1 Take a measurement of flue combustion gases at <u>the flue before the draft diverter burner outlet</u> and around the external perimeter of accessible vent piping joints</p> <p>A4.7 If CO levels are higher than 100 ppm or an appliance fails to meet manufacturer's benchmarks for CO production, the Auditor shall:</p> <p>A4.7.1 Notify the building owner <u>client of the</u> that they need to call a <u>qualified</u> technician to have the appliance repaired/ and tuned-up, and</p> <p><u>A4.7.2 Shall not perform air sealing measures on the home.</u></p> <p><u>A4.8 If CO levels are higher than 300 ppm the Auditor shall:</u></p> <p><u>A4.8.1 Document that the equipment is unsafe for continued operation.</u></p> <p><u>A4.8.2 Document that the client was informed of this condition.</u></p> <p><u>A4.8.3 Shall not perform air sealing measures on the home.</u></p>	<p>This revision clarifies for what purpose the equipment is used.</p>
<p>A5.3 Turn on all indoor exhaust fans: bathroom exhaust, range hood, clothes dryer, and <u>powered attic ventilation fans (with the exception of a whole house exhaust fans), and furnace/ air handler/ fan coil.</u></p>	<p>This revision clarifies which fans are to be turned on during testing.</p>
<p>A6.0 <u>Envelope Leakage Depressurization/ Pressurization Test</u> Measuring Building Envelope Leakage</p>	<p>This change modifies the name of the test to more accurately describe its purpose.</p>

**ERRATA SHEET FOR
ANSI/ACCA 1 Manual D – 2009 Third Edition
Residential Duct Systems**

13 September, 2011

The corrections listed in this errata sheet apply to ANSI/ACCA 1 Manual D – 2009. Note: additions are shown in underline and deletions are shown in ~~striketrough~~.

Page Erratum

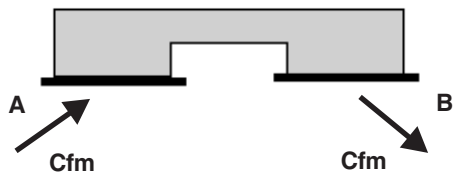
27 **Section 4-9.** To make the system pressure drop calculation even more precise than it has been previously, the following changes to section 4-9:

“An engineered, low resistance return path shall be provided for every room or space that receives supply air. The path to the return-side of the blower may be through a ducted return grille, a transfer duct ~~{fitted with two return grilles}~~ to a central return, or a two door grilles to a central return. See Appendix 3, Fitting Group 14.”

174 **Group 14.** In accordance with the change mentioned above, the addition of a new page 174 for the new Group 14:

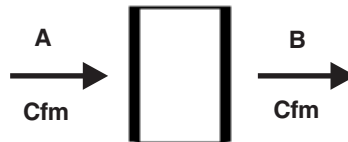
Group 14
Transfer Duct or Transfer Grille
Componet Pressure Loss (CPL) for Recommended Practice

Transfer Duct



Maximum A-B Pressure Drop for Assembly = 0.05 IWC

Transfer Grille



Maximum A-B Pressure Drop for Assembly = 0.05 IWC

The A-B pressure drop includes these items:

- n Two return grilles at 0.02 IWC per grille, or less (use OEM performance data and Cfm for size)
- n Grille frame size determines duct airway size; or flex duct equivalent
- n Two 90 degree fittings; or flex duct equivalent (15 feet equivalent length per fitting, or less)

Example Grille-Airway Size	
Cfm	Size
100	12 x 8
200	14 x 10
300	18 x 12
400	20 x 12

The A-B pressure drop includes two return grilles at 0.025 IWC per grille, or less.

Example Grille Size	
Cfm	Size
100	12 x 8
200	14 x 10
300	18 x 12
400	20 x 12

1. The Proposed First Edition of the Standard for Single Pole Locking-Type Separable Connectors, BSR/UL 1691

7.4.2 Panel assembly devices designated for connection to the identified grounded (white/neutral) circuit conductor shall be identified by either ~~a white-colored housings or an area by housing surfaces colored white~~ adjacent to ~~both~~ the grounded terminal and to the grounded contact. Panel assembly devices designated for connection to the identified grounding (green/grounding) circuit conductor shall be identified by either ~~a green-colored housings or an area by housing surfaces colored green~~ adjacent to ~~both~~ the grounding terminal and to the grounding contact. Line devices intended for panel assembly shall be identified by housings or housing surfaces colored other than green or white and readily distinguishable from each other.

PROPOSAL FOR UL 746C

71.2.2 Each test panel shall be coated with the minimum thickness of coating being investigated, if the maximum coating thickness would not exceed 0.051 mm. If the maximum coating thickness is in the range of 0.051 mm to 0.127 mm, samples of the minimum coating thickness and 0.051 mm coating thickness are required.

PROPOSAL – BSR/ UL 1123

For ease of review the entire Section 22, Throw Test is shown. Only paragraph 22.1 includes proposed changes.

22 Throw Test

22.1 Each throw of the candidate device shall be closer to the target than the reference device as specified in 46 CFR 160.048 or 160.049, as applicable, or the average distance of all the throws (measured from the target to the point of impact) of the candidate device shall not be more than 12 inches (305 mm) greater than the corresponding average distance of all the throws of the reference device from the target. The candidate device and reference device should be of similar size and shape, (for example, square, horseshoe, etc.). Weight differences should be no greater than 15 percent (the weight of the lighter device cannot be less than the weight of the heavier device minus 15 percent), and the combined L, W and H of each device should not differ by more than 6 in (152.4 mm). In the absence of a similar reference device, the candidate device can be qualified for throwing accuracy independently if the average distance of all throws fall within the circumference of the target area. In addition, a candidate device intended to be grasped shall be such that within 1 minute a swimmer can orient himself to the device in such a manner that his face is out of the water without the necessity for constant use of either hand.

Exception: Candidate devices using USCG approved designs in accordance with 46 CFR 160.048 or 160.049, as applicable, and utilizing foam buoyant material with a minimum 4-pounds per cubic foot (0.06 grams per cubic centimeter) density construction need not be tested.

22.2 To determine compliance with 22.1, so that within 1 minute a swimmer can properly orient himself to the device, the device is to be thrown to a swimmer who is then to be able to support himself by the device so that his face is out of the water without grasping the device constantly.

22.3 The candidate device is to be compared to a standard reference device (see 22.1), when each is thrown, in turn, in three alternating sequences by six test subjects. At least one of the six test subjects is to be experienced and at least one test subject is to be inexperienced. The inexperienced test subject is to be allowed one unrecorded practice throw for the candidate device and the reference device.

22.4 Prior to the test, each subject is to be qualified by throwing the applicable reference device 5 feet (1.5 m) from the center of the center of the target in any direction (i.e., 10 feet (3.0 m) diameter). Each subject then is to separately throw both the candidate device and the reference device toward a specified target 40 feet (12 m)

away. The target is to be circular and measure 36 inches (914 mm) in outside diameter. Each test subject is to be instructed "Stand behind this line and throw each device, separately, toward the center of the circle." The subjects are not to be given instructions on the method of throwing; except, each subject is to use the same throwing motion for each throw. The throwing method is to be recorded. The distance of the device from the center of the target is to be measured on each throw.