Contents

Comment Deadline: February 28, 2010

AISC (American Institute of Steel Construction)

Revisions

BSR/AISC 341-201x, Seismic Provisions for Structural Steel Buildings (revision of ANSI/AISC 341-2005)

Governs the design, fabrication, and erection of structural steel members and connections in the seismic force-resisting systems, and splices and bases of columns in gravity-framing systems of buildings and other structures with moment frames, braced frames, and shear walls. The design forces in these structures shall result from earthquake motions determined on the basis of various levels of energy dissipation in the inelastic range of response.

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

Send comments (with copy to BSR) to: Cynthia Duncan, (312) 670-5410, duncan@aisc.org

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

Addenda

BSR/ASHRAE/IESNA Addendum ck to Standard 90.1-201x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

Expands zone-level-demand controlled ventilation to include various forms of system-level strategies.

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

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

BSR/ASHRAE/IESNA Addendum cl to Standard 90.1-201x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

Clarifies how to interpret the use of dynamic glazing products that are designed to be able to vary a performance property such as SHGC, rather than having just a single value.

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

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

BSR/ASHRAE/IESNA Addendum cm to Standard 90.1-201x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

Clarifies how to interpret the use of dynamic glazing products given the requirements in proposed Addendum bb (envelope requirements) to ANSI/ASHRAE/IESNA 90.1-2007.

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

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

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 67-201x, Standard for Safety for Panelboards (revision of ANSI/UL 67-2009c)

The following topic for UL 67 is being recirculated: Equipment door opening 90 degrees from the closed position.

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

Send comments (with copy to BSR) to: Tim Corder, (919) 549-1841, William.T.Corder@us.ul.com

BSR/UL 94-201x, Standard for Safety Tests for Flammability of Plastic Materials for Parts in Devices and Appliances (revision of ANSI/UL 94-2009E)

The following change in requirements to UL 94 is being proposed: Temperature tolerance for air-circulating oven.

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

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

BSR/UL 444-201x, Standard for Communications Cables (revision of ANSI/UL 444-2008a)

The following topics for UL 444 are being recirculated:
(3) Air-gap coax acceptability; and
(6) Editorial corrections.

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

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

BSR/UL 1123-201x, Standard for Safety for Marine Buoyant Devices (revision of ANSI/UL 1123-2009d)

This 1/29/10 proposal for UL 1123 includes revisions to clarify shoulder gap measurement requirements.

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

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

BSR/UL 1449-201x, Standard for Surge Protective Devices (revision of ANSI/UL 444-2008a)

Recirculates the following proposal:
(2) Additional requirements for SPDs with integral thermal links and SPDs with temperature responsive devices that open during testing.

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

Send comments (with copy to BSR) to: Mitchell Gold, UL-IL; Mitchell.Gold@us.ul.com

Comment Deadline: March 15, 2010

ARMA (Association of Records Managers and Administrators)

Revisions

BSR/ARMA 5-201x, Vital Records Programs: Identifying, Managing, and Recovering Business-Critical Records (revision and redesignation of ANSI/ARMA 5-2003)

Updates and expands the content of the standard to reflect more accurately business continuity-related planning needs, among other considerations. Also, reflecting the vital records realities made apparent as a result of Hurricane Katrina, provides a new section on developing, implementing, and monitoring a records loss prevention plan; new information about protecting electronic data; and an appendix comparing drying techniques for water-damaged books and records.

Single copy price: Free

Obtain an electronic copy from: http://www.arma.org/standards/development/public/index.cfm

Order from: Nancy Barnes, (913) 312-5565, standards@armaintl.org

Send comments (with copy to BSR) to: Same

ASA (ASC S12) (Acoustical Society of America)

Revisions

BSR ASA S12.10-201X, Acoustics - Measurement of Airborne Noise Emitted by Information Technology and Telecommunications Equipment (revision and redesignation of ANSI/ASA S12.10-2002/ISO 7779:1999 (R2007) (incl AMD1))

Specifies procedures for measuring and reporting the noise emission of information technology and telecommunications equipment. This standard is considered part of a noise test code for this type of equipment, and is related to basic noise emission standards (ISO 3741, ISO 3744, ISO 3745 and ISO 11201).

Single copy price: $120.00

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 BSR) to: Same

ASC X9 (Accredited Standards Committee X9, Incorporated)

Revisions

BSR X9.73-201x, Cryptographic Message Syntax (revision of ANSI X9.73-2003)

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

Single copy price: $60.00

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

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

Send comments (with copy to BSR) to: Same

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

Addenda

BSR/ASHRAE/IESNA Addendum by to Standard 90.1-201x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

Proposes new Lighting Power Densities for both the whole building and space-by-space compliance methods. In addition, the Lighting Power Density may be re-calculated based on room geometry.

Single copy price: Free

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

Order from: standards.section@ashrae.org

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

BSR/ASHRAE/IESNA Addendum cg to Standard 90.1-201x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

Makes Appendix G and Section 11 consistent with requirements approved in addenda d (daylighting), x (lighting controls), ab (daylighting), and ac (lighting control incentives) to ANSI/ASHRAE/IESNA 90.1-2007.

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BSR/ASHRAE/IESNA Addendum ch to Standard 90.1-201x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

Modifies Appendix G and Section 11 to account for advances in cooling tower technology.

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

BSR/ASHRAE/IESNA Addendum ci to Standard 90.1-201x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

Allows a basecase design for data centers in Appendix G.

Single copy price: Free

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BSR/ASHRAE/IESNA Addendum cj to Standard 90.1-201x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

Allows a basecase design for data centers in Appendix G.

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BSR/ASHRAE/IESNA Addendum f to Standard 90.1-201x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

Modifies the 3rd public review draft of this addendum, which sets requirements for high albedo roofs.

Single copy price: Free

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CSA (CSA America, Inc.)

Addenda

BSR Z21.74a-201x, Portable Refrigerators for Use with HD-5 Propane Gas (addenda to ANSI Z21.74-1992 (R2006))

Covers gas-fired refrigerators, having refrigerated spaces for storage of foods with input ratings of 1000 Btu per hour (293 W) or less, and that are for use with HD 5 propane gas only. These refrigerators are intended for use both indoors in adequately ventilated structures and outdoors. This standard applies to refrigerators designed for self-contained fuel supplies and using fuel cylinders of not more than 75 cubic inches (1230 cm3) (21/2 pounds nominal water capacity). Fuel supplies shall be in accordance with the Standard for the Storage and Handling of Liquefied Petroleum Gases, ANSI/NFPA No. 58.

Single copy price: $50.00

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

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

Send comments (with copy to BSR) to: Same

BSR Z83.19a-201x, American National Standard/CSA Standard for Gas-Fired High Intensity Infrared Heaters (same as CSA 2.35a) (addenda to ANSI Z83.19-2009)

Details test and examination criteria for gas-fired high-intensity infrared heaters for use with natural, manufactured, mixed and liquefied petroleum (propane) gases and may be convertible for use with natural and LP-gases. Applies to heaters for installation in and heating of outdoor spaces or nonresidential indoor spaces where flammable gases or vapors are not generally present.

Single copy price: $50.00

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

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

Send comments (with copy to BSR) to: Same

BSR Z83.20b-201x, American National Standard/CSA Standard for Gas-Fired Low Intensity Infrared Heaters (same as CSA 2.34b) (addenda to ANSI Z83.20-2008 and ANSI Z83.20a-2010)

Details test and examination criteria for gas-fired low-intensity infrared and infrared radiant tube heaters, with inputs up to 400,000 Btu/hr per burner, for use with natural, manufactured, mixed and liquefied petroleum (propane) gases and may be convertible for use with natural and LP-gases. Applies to heaters for installation in and heating of outdoor spaces or nonresidential indoor spaces where flammable gases or vapors are not generally present.

Single copy price: $50.00

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

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

Send comments (with copy to BSR) to: Same

BSR Z83.26b-201x, American National Standard/CSA Standard for Gas-Fired Infrared Patio Heaters (same as CSA 2.37b-201x) (addenda to ANSI Z83.26-2007 and ANSI Z83.26a-2008)

Pertains to patio heaters for heating residential or nonresidential outdoor spaces. Outdoor heaters may be suspended overhead, angle mounted overhead, wall mounted, or floor mounted. Floor-mounted heaters may be free-standing or portable. Outdoor heaters may be connected to a fixed fuel piping system or connection to an integral self-contained LP gas supply.

Single copy price: $50.00

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

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

Send comments (with copy to BSR) to: Same

HL7 (Health Level Seven)

Revisions

BSR/HL7 V3 XMLITSSTR, R2-201x, HL7 Version 3 Standard: XML Implementation Technology Specification - V3 Structures, Release 2 (revision of ANSI/HL7 V3 XMLITSSTR, R1-2005)

The document is now being published as the second release of the XML Implementation Technology Specification (XML ITS). This builds on the framework of the XML ITS R1, and introduces the following new features:
(1) references the HL7/ISO/CEN Datatypes R2, that serve as release 2 of the datatypes for the XML Implementation Technology Specification;
(2) includes the informal extension mechanism that has been introduced in the XML Implementation Technology Specification release 1.1, allowing for the inclusion of informal extensions in the HL7 namespace to support easier version migration; and
(3) allows default values for non-structural attributes must be included in the instance.

Single copy price: Free (HL7 members); $650.00 (non-members)

Obtain an electronic copy from: Karenvan@HL7.org

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

Send comments (with copy to BSR) to: Same

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

New National Adoptions

INCITS/ISO/IEC 19794-5-2005/Amendment 2-201x, Information technology - Biometric data interchange formats - Part 5: Face image data - Amendment 2: Three-dimensional face image data interchange format (identical national adoption of ISO/IEC 19794-5:2005 Amendment 2:2009)

Provides the second amendment to ISO/IEC 19794-5: 2005, which specifies scene, photographic, digitization and format requirements for images of faces to be used in the context of both human verification and computer automated recognition.

Single copy price: $129.00

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

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

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

Withdrawals

ANSI INCITS 395-2005, Information Technology - Biometric Data Interchange Formats - Signature/Sign Data (withdrawal of ANSI INCITS 395-2005)

Specifies a data interchange format for representation of digitized sign or signature data, for the purposes of biometric enrollment, verification or identification through the use of Raw Signature/Sign Sample Data or Common Feature Data. The data interchange format is generic, in that it may be applied and used in a wide range of application areas where electronic signs or signatures are involved. No application-specific requirements or features are addressed in this standard.

Single copy price: $30.00

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

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

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

NEMA (ASC C12) (National Electrical Manufacturers Association)

Revisions

BSR C12.20-201x, Standard for Electricity Meters - 0.2 and 0.5 Accuracy Classes (revision of ANSI C12.20-2003)

Establishes the physical aspects and acceptable performance criteria for 0.2 and 0.5 accuracy class electricity meters meeting Blondel's Theorem. Where differences exist between the requirements of this Standard and C12.1 and C12.10, the requirements of this Standard shall prevail.

Single copy price: $64.00

Obtain an electronic copy from: pau_orr@nema.org

Order from: NEMA

Send comments (with copy to BSR) to: Paul Orr, (703) 717-5658, Pau_orr@nema.org

UL (Underwriters Laboratories, Inc.)

New National Adoptions

BSR/UL 60745-2-15-201x, Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-15: Particular Requirements for Hedge Trimmers (national adoption with modifications of IEC 60745-2-15)

Includes a first edition of the standard for hand-held motor-operated tools, particular requirements for hedge trimmers.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

Revisions

BSR/UL 1236-201x, Standard for Safety for Battery Chargers for Charging Engine-Starter Batteries (Proposal dated 1-29-10) (revision of ANSI/UL 1236-2010)

Proposes a revision to the output rating requirements.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Jonette Herman, (919) 549-1479, Jonette.A.Herman@us.ul.com

VITA (VMEbus International Trade Association (VITA))

New Standards

BSR/VITA 46.9-201x, PMC/XMC Rear I/O Signal Mapping on 3U and 6U VPX Modules Standard (new standard)

Defines PMC or XMC mezzanine rear I/O pin mappings to VITA 46.0 plug-in module backplane connectors.

Single copy price: Free

Obtain an electronic copy from: techdir@vita.com

Send comments (with copy to BSR) to: John Rynearson, (480) 837-7486, techdir@vita.com

Comment Deadline: March 30, 2010

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

ASME (American Society of Mechanical Engineers)

Withdrawals

ANSI B18.2.3.8M-1981 (R2005), Metric Hex Lag Screws (withdrawal of ANSI B18.2.3.8M-1981 (R2005))

Covers the complete general and dimensional data for metric hex lag screws recognized as "American National Standard." The inclusion of dimensional data in this standard is not intended to imply that all sizes in conjunction with the various options described in this standard are stock production items.

Single copy price: $35.00

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

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

ANSI/ASME B18.2.3.2M-2005, Metric Formed Hex Screws (withdrawal of ANSI/ASME B18.2.3.2M-2005)

(a) This Standard covers the complete dimensional and general data for metric formed hex screws recognized as American National Standard. Formed hex screws are cold formed products with fully upset (non-trimmed) heads. Formed hex screws are standard only in sizes M5 thru M24, with lengths up to 150 mm, or 10 times nominal screw size, whichever is shorter.
(b) The inclusion of dimensional data in this Standard is not intended to imply that all of the sizes in conjunction with the various options described herein are stock items. Consumers should consult with suppliers concerning lists of stock production formed hex screws.

Single copy price: $36.00

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

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

ANSI/ASME B18.21.2M-1999 (R2005), Lock Washers (Metric Series) (withdrawal of ANSI/ASME B18.21.2M-1999 (R2005))

Covers the dimensions, physical properties, and methods of testing for helical spring and tooth lock washers. The inclusion of imensional data in this Standard is not intended to imply that all products described are stock production items. Consumers should consult with suppliers concerning the availability of products.

Single copy price: $45.00

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

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

ANSI/ASME Y14.32.1M-1994 (R2005), Chassis Frame - Passenger Car and Light Truck - Ground Vehicle Practice (withdrawal of ANSI/ASME Y14.32.1M-1994 (R2005))

Establishes minimum requirements for the preparation of engineering drawings for passenger-car and light-truck chassis frames. This standard does not apply to heavy-truck, trailer, tractor, and off-the-road vehicle chassis frames.

Single copy price: $35.00

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

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

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

New Standards

BSR ASSE A10.1-201x, Pre-Planning for Construction Safety and Health (new standard)

Establishes the elements and activities for pre-project and pre-task safety and health planning in construction.

Single copy price: $50.00

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

Send comments (with copy to BSR) to: Same

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

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

ANSI/CEA 2027-A-2006, A User Interface Specification for Home Networks Using Web-Based Protocols

Call for Comment Contact Information

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

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Association of Records Managers and Administrators

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ASHRAE
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NEMA (ASC C12)
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Send comments to:

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ASA (ASC S12)
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ASHRAE
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ASME
American Society of Mechanical Engineers (ASME)

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ASSE (Z590)
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ITI (INCITS)
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NEMA (ASC C12)
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Call for Members (ANS Consensus Bodies)

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

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

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

Contact: *Serena Patrick*

Phone: (202) 626-5741

Fax: (202) 638-4922

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

ANSI INCITS 395-2005, Information Technology - Biometric Data Interchange Formats - Signature/Sign Data (withdrawal of ANSI INCITS 395-2005)

BSR INCITS PN-2204-D-201x, Information technology - Fibre Channel - Generic Services - 7 (FC-GS-7) (new standard)

INCITS/ISO/IEC 19794-5-2005/Amendment 2-201x, Information technology - Biometric data interchange formats - Part 5: Face image data - Amendment 2: Three-dimensional face image data interchange format (identical national adoption of ISO/IEC 19794-5:2005/Amendment 2:2009)

NSF (NSF International)

Office: P.O. Box 130140
789 N. Dixboro Road
Ann Arbor, MI 48105

Contact: *Jane Wilson*

Phone: (734) 827-6835

Fax: (734) 827-6155

E-mail: wilson@nsf.org

BSR/NSF 373-201x, Environmentally Preferable Manufacturing Practices for Dimensional Stone (new standard)

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Norcross, GA 30033

Contact: *Charles Bohanan*

Phone: (770) 209-7276

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 546 om-xx, Machine direction grammage variation measurement (gravimetric method) (new standard)

BSR/TAPPI T 803 om-xx, Puncture test of containerboard (new standard)

UL (Underwriters Laboratories, Inc.)

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

Contact: *Marcia Kawate*

Phone: (408) 754-6743

Fax: (408) 689-6743

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

BSR/UL 2586-201x, Standard for Safety for Hose Nozzle Valves (new standard)

Call for Members (ANS Consensus Bodies)

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

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

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

Final actions on American National Standards

The standards actions listed below have been approved by the ANSI Board of Standards Review (BSR) or by an ANSI-Audited Designator, as applicable.

ASABE (American Society of Agricultural and Biological Engineers)

Reaffirmations

ANSI/ASAE EP389.2-JAN94 (R2010), Auger Flighting Design Considerations (reaffirmation of ANSI/ASAE EP389.2-JAN94 (R2005)): 1/22/2010

ANSI/ASAE S323.2-MAY89 (R2009), Definitions of Powered Lawn & Garden Equipment (reaffirmation of ANSI/ASAE S323.2-MAY89 (R2005)): 1/22/2010

ANSI/ASAE S362.2-APR88 (R2009), Wiring and Equipment for Electrically Driven or Controlled Machines (reaffirmation of ANSI/ASAE S362.2-APR88 (R2005)): 1/22/2010

ANSI/ASAE S377-APR90 (R2009), Application of Remote Linear Control Devices to Lawn and Garden Ride-on Tractor Attachments and Implements (reaffirmation of ANSI/ASAE S377-APR90 (R2005)): 1/22/2010

ANSI/ASAE S522.1-JAN05 (ISO 5674-2004) (R2010), Tractors and machinery for agricultural and forest - Guards for power take-off (PTO) drive shafts - Strength and wear tests and acceptance criteria (reaffirmation of ANSI/ASAE S522.1-JAN05 (ISO 5674-2004)): 1/22/2010

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

New Standards

ANSI/ASHRAE/USGBC/IES Standard 189.1P-2009, Standard for High-Performance Green Buildings Except Low-Rise Residential Buildings (new standard): 1/22/2010

ASME (American Society of Mechanical Engineers)

Revisions

ANSI/ASME B31.8-2010, Gas Transmission and Distribution Piping Systems (revision of ANSI/ASME B31.8-2007): 1/25/2010

ATIS (Alliance for Telecommunications Industry Solutions)

Reaffirmations

ANSI ATIS 0300221-1995 (R2010), OAM&P - In-Service, Nonintrusive Measurement Device (NMD) Voice Service Measurements (reaffirmation of ANSI ATIS 0300221-1995 (R2004)): 1/22/2010

AWS (American Welding Society)

Addenda

ANSI/AWS B2.1-1-019-94-AMD1-2010, Standard Welding Procedure Specification (WPS) for CO2 Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 through 1-1/2 inch Thick, E70T-1 and E71T-1, As-Welded Condition (addenda to ANSI/AWS B2.1-1-019-2005): 1/22/2010

ANSI/AWS B2.1-1-020-94-AMD1-2010, Standard WPS for 75% Ar/25% CO2 Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 through 1-1/2 inch Thick, E70T-1 and E71T-1, As-Welded or PWHT Condition (addenda to ANSI/AWS B2.1-1-020-2005): 1/22/2010

AWWA (American Water Works Association)

Revisions

ANSI/AWWA C215-2010, Extruded Polyolefin Coatings for the Exterior of Steel Water Pipelines (revision of ANSI/AWWA C215-2004): 1/26/2010

CEA (Consumer Electronics Association)

Withdrawals

ANSI/CEA 600.81-1997, Common Application Language (CAL) Specification (withdrawal of ANSI/CEA 600.81-1997 (R2004)): 1/26/2010

HPVA (Hardwood Plywood & Veneer Association)

Revisions

ANSI/HPVA HP-1-2009, Hardwood and Decorative Plywood (revision of ANSI/HPVA HP-1-2004): 1/26/2010

IEEE (Institute of Electrical and Electronics Engineers)

New Standards

ANSI/IEEE 1534-2009, Recommended Practice for Specifying Thyristor-Controlled Series Capacitors (new standard): 1/22/2010

ANSI/IEEE C62.64-2009, Standard Specifications for Surge Protectors Used in Low-Voltage Data, Communications, and Signaling (new standard): 1/22/2010

ANSI/IEEE C135.62-2009, Standard for Zinc-Coated Forged Anchor Shackles (new standard): 1/22/2010

Reaffirmations

ANSI/IEEE 344-2004 (R2009), Recommended Practice for Seismic Qualification of Class 1E Equipment for Nuclear Power Generating Stations (reaffirmation of ANSI/IEEE 344-2004): 1/26/2010

ANSI/IEEE 522-2004 (R2009), Guide for Testing Turn Insulation on Form-Wound Stator Coils for Alternating-Current Rotating Electric Machines (reaffirmation of ANSI/IEEE 522-2004): 1/26/2010

ANSI/IEEE 1043-1996 (R2009), Recommended Practice for Voltage-Endurance Testing of Form-Wound Bars and Coils (reaffirmation of ANSI/IEEE 1043-1996 (R2003)): 1/26/2010

ANSI/IEEE 1175.3-2008 (R2010), Standard for CASE Tool Interconnections - Reference Model for Specifying Software Behavior (reaffirmation of ANSI/IEEE 1175.3-2004): 1/25/2010

ANSI/IEEE 1394.1-2004 (R2009), Standard for High Performance Serial Bus Bridges (reaffirmation of ANSI/IEEE 1394.1-2004): 1/26/2010

ANSI/IEEE 1474.1-2004 (R2009), Standard for Communications-Based Train Control (CBTC) Performance and Functional Requirements (reaffirmation of ANSI/IEEE 1474.1-2004): 1/26/2010

ANSI/IEEE 1484.11.2-2003 (R2009), Standard for Learning Technology - ECMAScript Application Programming Interface for Content to Runtime Services Communication (reaffirmation of ANSI/IEEE 1484.11.2-2003): 1/26/2010

Revisions

ANSI/IEEE C57.15-2009, Standard Requirements, Terminology, and Test Code for Step-Voltage Regulators (revision of ANSI/IEEE C57.15-1999): 1/22/2010

UL (Underwriters Laboratories, Inc.)

New National Adoptions

ANSI/UL 62275-2010, Standard for Safety for Cable Management Systems - Cable Ties for Electrical Installations (national adoption with modifications of IEC 62275): 1/19/2010

ANSI/UL 62275-2010a, Standard for Safety for Cable Management Systems - Cable Ties for Electrical Installations (national adoption with modifications of IEC 62275): 1/19/2010

Revisions

ANSI/UL 486C-2010, Standard for Safety for Splicing Wire Connectors (Proposals dated 7/24/09) (revision of ANSI/UL 486C-2009): 1/26/2010

ANSI/UL 486A-486B-2010, Standard for Safety for Wire Connectors (Proposals dated 7/24/09) (revision of ANSI/UL 486A-486B-2009): 1/25/2010

ANSI/UL 746A-2010, Standard for Safety for Polymeric Materials - Short Term Property Evaluations (revision of ANSI/UL 746A-2009): 1/19/2010

ANSI/UL 751-2010, Standard for Safety for Vending Machines (revision of ANSI/UL 751-2005): 1/22/2010

ANSI/UL 1175-2010, Standard for Buoyant Cushions (revision of ANSI/UL 1175-2007): 1/26/2010

ANSI/UL 1177-2010, Standard for Buoyant Vests (revision of ANSI/UL 1177-2007): 1/26/2010

ANSI/UL 1480-2010, Standard for Safety for Speakers for Fire Alarm, Emergency, and Commercial and Professional Use (Proposals dated 2/13/09) (revision of ANSI/UL 1480-2006): 1/19/2010

Correction

Incorrect Designation

ANSI/ASTM C709-2009

In the Final Actions section of the January 15, 2010 issue of Standards Action, there was a misprint in the designation of the above standard. The correct designation is ANSI/ASTM C709-2009.

Project Initiation Notification System (PINS)

ANSI Procedures require notification of ANSI by ANSI-accredited standards developers (ASD) of the initiation and scope of activities expected to result in new or revised American National Standards (ANS). Early notification of activity intended to reaffirm or withdraw an ANS and in some instances a PINS related to a national adoption is optional. The mechanism by which such notification is given is referred to as the PINS process. For additional information, see clause 2.4 of the ANSI Essential Requirements: Due Process Requirements for American National Standards.

Following is a list of proposed actions and new ANS that have been received recently from ASDs. Please also review the section in Standards Action entitled "American National Standards Maintained Under Continuous Maintenance" for additional or comparable information with regard to standards maintained under the continuous maintenance option. To view information about additional standards for which a PINS has been submitted and to search approved ANS, please visit www.NSSN.org, which is a database of standards information. Note that this database is not exhaustive.

Directly and materially affected interests wishing to receive more information or to submit comments are requested to contact the standards developer directly within 30 days of the publication of this announcement.

ASABE (American Society of Agricultural and Biological Engineers)

Office: 2950 Niles Road
St Joseph, MI 49085

Contact: *Carla VanGilder*

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E-mail: vangilder@asabe.org

BSR/ASABE S478.1-201x, Roll-Over Protective Structures (ROPS) for Compact Utility Tractors (revision of ANSI/ASAE S478-MAR96 (R2005))

Stakeholders: Manufacturers, owners and users of compact utility tractors and components.

Project Need: To update the references in accordance with the periodic review of the standard.

Establishes the test and performance requirements of a roll-over protective structure (ROPS) designed for compact utility tractors to minimize the frequency and severity of crushing injury to the operator resulting from accidental tractor upset.

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

Contact: *Isabel Bailey*

Fax: (410) 267-0961

E-mail: isabel.baileyx9@verizon.net

BSR X9.103-201x, Motor Vehicle Retail Sale and Lease Electronic Contracting (revision of ANSI X9.103-2004)

Stakeholders: Automotive financing industry, originators of asset-backed securities.

Project Need: Electronic contracting provides efficiencies in processing consumer contracts in indirect financing. The exchange of data electronically reduces the manual processing of data. Electronic documents eliminates the need for ground transport or faxing of documents, as well as obviates the need for conversion of paper documents into an imaging system.

Addresses the creation, storage, and assignment of Electronic Chattel Paper where assignment involves establishing "control" of the Electronic Chattel Paper. In addition, this standard addresses retail installment sale and lease contracts in the automotive dealer financing industry. However, it may be useful in establishing a similar process for banks, credit unions, and finance companies that make secured loans directly to buyers to enable them to purchase vehicles.

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 WK27168-201x, New Test Method for Standard Test Method for Measuring the Dynamic Stiffness (DS) and Cylindrical Coefficient of Restitution (CCOR) of Baseballs and Softballs (new standard)

Stakeholders: Sports equipment and facilities industry.

Project Need: http://www.astm.org/DATABASE.CART/WORKITEMS/WK27168.htm

http://www.astm.org/DATABASE.CART/WORKITEMS/WK27168.htm

CSA (CSA America, Inc.)

Office: 8501 E. Pleasant Valley Rd.
Cleveland, OH 44131

Contact: *Cathy Rake*

Fax: (216) 520-8979

E-mail: cathy.rake@csa-america.org

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

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

Project Need: Safety.

Specifies uniform methods for testing and evaluating the performance of fittings for used with compressed hydrogen gas and hydrogen-rich gas mixtures.

BSR/CSA NGV2-201x, Compressed Natural Gas Vehicle Fuel Containers (revision of ANSI/CSA NGV2-2000 (R2005))

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

Project Need: Safety.

Contains requirements for the material, design, manufacture, and testing of serially produced, refillable, Type NGV 2 containers intended only for the storage of compressed natural gas for vehicle operation. These containers are to be permanently attached to the vehicle. Type NGV 2 containers shall not be over 1000 liters water capacity.

IEEE (Institute of Electrical and Electronics Engineers)

Office: 445 Hoes Lane
Piscataway, NJ 08854

Contact: *Lisa Yacone*

Fax: 732-875-0524

E-mail: l.yacone@ieee.org

BSR/IEEE 16-201x, Standard for Electrical and Electronic Control Apparatus on Rail Vehicles (revision of ANSI/IEEE 16-2004)

Stakeholders: Transit agencies, transit equipment suppliers, government agencies, consultants.

Project Need: To provide general requirements for all electronic equipment on passenger transit railcars. After its initial five years of use, and advancements in technology, updates are needed.

Prescribes design, application, and test requirements for electrical and electronic control apparatus on rail vehicles.

BSR/IEEE 1636.1-201x, Standard for Software Interface for Maintenance Information Collection and Analysis (SIMICA): Exchanging Test Results and Session Information via the eXtensible Markup Language (XML) (new standard)

Stakeholders: Test and maintenance organizations within various Departments/Ministries of Defense.

Project Need: To permit test results data to be shared for a variety of purposes, including statistical analysis, diagnostics, and improvement of the Unit Under Test (UUT) repair process.

Defines an exchange format, utilizing XML, for exchanging data resulting from executing tests of a Unit Under Test (UUT) via a test program in an automatic test environment. The standard uses the information models of IEEE Std 1636-2009, Standard Software Interface for Maintenance Information Collection and Analysis (SIMICA), as a foundation.

BSR/IEEE C57.96-201x, Guide for Loading Dry-Type Distribution and Power Transformers (revision of ANSI/IEEE C57.96-1999 (R2004))

Stakeholders: All manufacturers and users of dry-type transformers.

Project Need: To correct a number of technical errors and to update the standard to current technology practice.

Covers general recommendations for the loading of dry-type distribution and power transformers, including those installed in ventilated, nonventilated, and sealed-type enclosures.

IEEE (Institute of Electrical and Electronics Engineers)

Office: 445 Hoes Lane, P.O. Box 1331
Piscataway, NJ 08855-1331

Contact: *Moira Patterson*

Fax: (732) 796-6966

E-mail: m.patterson@ieee.org

BSR/IEEE 1800-201x, Standard for System Verilog - Unified Hardware Design, Specification, and Verification Language (revision of ANSI/IEEE 1800-2005)

Stakeholders: Anyone involved in projects dealing with software-intensive systems or software products.

Project Need: To continue the harmonization of IEEE and ISO/IEC software engineering standards.

Provides the EDA, Semiconductor, and System Design communities with a solid and well-defined Unified Hardware Design, Specification and Verification standard language.

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

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

Contact: *Barbara Bennett*

Fax: (202) 638-4922

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

BSR INCITS PN-2204-D-201x, Information technology - Fibre Channel - Generic Services - 7 (FC-GS-7) (new standard)

Stakeholders: Existing supplier products and support schemes; channel and network markets.

Project Need: To update port models to support virtualization, FCoE environments, and new speeds and operational characteristics associated with Fibre Channel. To update the topology and discovery services to include new Fibre Channel entities and their connectivity options.

Recommends the development of a set of additional and enhanced services that will be used to support the management and control of Fibre Channel configurations. Included within this scope are services such as:
(a) Management entities and functions associated with virtualization (e.g., updated FC Port models);
(b) Management entities and functions associated with FCoE environments; and
(c) Other services or features identified during the development of this standard.
Where they exist, the protocols, formats and definitions contained in existing directory and management standards will be considered for use in FC-GS-7.

NSF (NSF International)

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789 N. Dixboro Road
Ann Arbor, MI 48105

Contact: *Jane Wilson*

Fax: (734) 827-6155

E-mail: wilson@nsf.org

BSR/NSF 373-201x, Environmentally Preferable Manufacturing Practices for Dimensional Stone (new standard)

Stakeholders: Stone quarriers, manufacturers, industry suppliers, installers, and industry associations.

Project Need: To provide a set of well-defined and verifiable criteria defining environmentally preferable production and distribution practices for stone, which is needed to identify dimensional stone products that meet the requirements of the evolving green-building marketplace.

Define EPMPs for the quarrying and manufacture of dimensional stone products, and will establish baseline requirements for EPMPs applicable to all stone manufacturers and processors. Specifically, the standard will define criteria that consider the social, environmental, and human health impacts associated with the dimensional, natural stone product life-cycle, including but not limited to the quarrying, manufacturing, and transporting life-cycle stages.

PMMI (Packaging Machinery Manufacturers Institute)

Office: 4350 North Fairfax Drive
Arlington, VA 22203

Contact: *Fred Hayes*

Fax: (269) 781-6966

E-mail: fhayes@pmmi.org

BSR/PMMI B155.1-201x, Safety Requirements for Packaging and Packaging Related Converting Machinery (revision of ANSI/PMMI B155.1-2006)

Stakeholders: Manufacturers, users, material/component suppliers, general interest, professional organizations.

Project Need: To conduct a 5-year review and revision of this

Applies to new, modified, or rebuilt industrial and commercial machinery that performs packaging functions for primary, secondary, and tertiary packaging. Also included are:
- the conveying machinery used within the packaging functions;
- coordination of the packaging functions that take place in sequence on the production line; and
- packaging-related converting machinery.

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Norcross, GA 30033

Contact: *Charles Bohanan*

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 546 om-xx, Machine direction grammage variation measurement (gravimetric method) (new standard)

Stakeholders: Manufacturers of pulp, paper, packaging, or related products; consumers or converters of such products.

Project Need: To conduct the required five-year review of an existing TAPPI standard in order to revise the standard, if needed to address new technology or correct errors.

Describes a procedure that can be applied to determine the short-term machine direction variation in mass per unit area. These variations can be caused by defects in the stock approach system, headbox, or consistency control.

BSR/TAPPI T 803 om-xx, Puncture test of containerboard (new standard)

Stakeholders: Manufacturers of pulp, paper, packaging, or related products; consumers or converters of such products.

Project Need: To conduct the required five-year review of an existing TAPPI standard in order to revise the standard, if needed to address new technology or correct errors.

Measures the energy required to puncture container board or corrugated board with a pyramidal point affixed to a pendulum arm. These energy units actually are made up of two major components: the energy to tear the material, and the energy to bend it out of the way of the point.

TCATA (Textile Care Allied Trades Association)

Office: 271 Route 46 West #203D
Fairfield, NJ 07004

Contact: *David Cotter*

Fax: (973) 244-4455

E-mail: david@tcata.org

BSR Z8.1-201x, Safety Requirements for Commercial Laundry & Drycleaning Equipment & Operations (revision of ANSI Z8.1-2006)

Stakeholders: Manufacturers, owners and operators of laundry and drycleaning machinery.

Project Need: To follow the guidelines to periodically revise/update this standard.

Applies to the safety requirements for the operation and use of commercial and industrial laundry and drycleaning equipment.

UL (Underwriters Laboratories, Inc.)

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San Jose, CA 95131-1230

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BSR/UL 1008S-201x, Standard for Safety for Solid-State Transfer Switches (new standard)

Stakeholders: Manufacturers, distributers, AHJs, commercial users, and suppliers.

Project Need: To create a new standard for solid-state transfer

Covers solid-state automatic transfer switches intended for use in ordinary locations, to provide for lighting and power only in optional stand-by systems, and not for use as service entrance equipment unless marked. These requirements cover transfer switch equipment rated 6000 A or less and 600 V or less, and cover transfer switches together with their associated control devices.

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Fax: (408) 689-6743

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

BSR/UL 2586-201x, Standard for Safety for Hose Nozzle Valves (new standard)

Stakeholders: Manufacturers of hose nozzle valves, authorities having jurisdiction, commercial users.

Project Need: To receive ANSI approval for a new standard covering hose nozzle valves.

Covers hose nozzle valves that are intended to be used for the control of flammable and combustible liquids. They are of the type used in motor fuel dispensing equipment. Hose nozzle valves covered by this standard are for use with flammable fluids that are handled at temperatures within the range of -29 C (-20 F) to 52 C (125 F) and an operating pressure of minimum 50 psi (350 kPa).

American National Standards Maintained Under Continuous Maintenance

The ANSI Essential Requirements: Due Process Requirements for American National Standards provide two options for the maintenance of American National Standards (ANS): periodic maintenance (see clause 4.7.1) and continuous maintenance (see clause 4.7.2). Continuous maintenance is defined as follows:

> The standard shall be maintained by an accredited standards developer. A documented program for periodic publication of revisions shall be established by the standards developer. Processing of these revisions shall be in accordance with these procedures. The published standard shall include a clear statement of the intent to consider requests for change and information on the submittal of such requests. Procedures shall be established for timely, documented consensus action on each request for change and no portion of the standard shall be excluded from the revision process. In the event that no revisions are issued for a period of four years, action to reaffirm or withdraw the standard shall be taken in accordance with the procedures contained in the ANSI Essential Requirements.

The Executive Standards Council (ExSC) has determined that for standards maintained under the Continuous Maintenance option, separate PINS announcements are not required. The following ANSI Accredited Standards Developers have formally registered standards under the Continuous Maintenance option.

- AAMI
- AAMVA
- AGA
- AGRSS, Inc.
- ASC X9
- ASHRAE
- ASME
- ASTM
- GEIA
- HL7
- MHI (ASC MH10)
- NBBPVI
- NCPDP
- NISO
- NSF
- TIA
- Underwriters Laboratories, Inc. (UL)

To obtain additional information with regard to these standards, such as contact information at the ANSI accredited standards developer, please visit ANSI Online at www.ansi.org, select Internet Resources, click on "Standards Information," and see "American National Standards Maintained Under Continuous Maintenance". This information is also available directly at www.ansi.org/publicreview.

Alternatively, you may contact the Procedures & Standards Administration Department (PSA) at psa@ansi.org or via fax at 212-840-2298. If you request that information be provided via E-mail, please include your E-mail address; if you request that information be provided via fax, please include your fax number. Thank you.

ISO Draft International Standards

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

Comments

Comments regarding ISO documents should be sent to Henrietta Scully, at ANSI's New York offices. The final date for offering comments is listed after each draft.

Ordering Instructions

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

DENTISTRY (TC 106)

ISO 15912/DAmd1, Dentistry - Casting investments and refractory die materials - Draft Amendment 1 - 4/22/2010, $33.00

DOCUMENT IMAGING APPLICATIONS (TC 171)

ISO/DIS 19005-2, Document management - Electronic document file format for long-term preservation - Part 2: Use of ISO 32000-1 (PDF/A) - 4/23/2010, $112.00

FINE CERAMICS (TC 206)

ISO/DIS 13124, Fine ceramics (advanced ceramics, advanced technical ceramics) - Test method for interfacial bond strength of ceramic materials - 4/26/2010, $62.00

HYDROGEN ENERGY TECHNOLOGIES (TC 197)

ISO/DIS 17268, Gaseous hydrogen land vehicle refuelling connection devices - 4/26/2010, $93.00

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

ISO/DIS 12212, Petroleum, petrochemical and natural gas industries - Hairpin-type heat exchangers - 4/23/2010, $112.00

ISO/DIS 12490, Petroleum and natural gas industries - Actuation, mechanical integrity and sizing for pipeline valves - 4/26/2010, $112.00

ISO/DIS 13503-1, Petroleum and natural gas industries - Completion fluids and materials - Part 1: Measurement of viscous properties of completion fluids - 4/22/2010, $82.00

ISO/DIS 13706, Petroleum, petrochemical and natural gas industries - Air-cooled heat exchangers - 4/22/2010, $175.00

PHOTOGRAPHY (TC 42)

ISO/DIS 18930, Imaging materials - Pictorial colour reflection prints - Methods for evaluating image stability under outdoor conditions - 4/23/2010, $67.00

POWDER METALLURGY (TC 119)

ISO/DIS 22068, Sintered-metal injection-moulded materials - Specifications - 4/26/2010, $58.00

TIMBER (TC 218)

ISO/DIS 8965, Logging industry - Technology - Terms and definitions - 4/23/2010, $77.00

Newly Published ISO Standards

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

ACOUSTICS (TC 43)

ISO 17201-3:2010, Acoustics - Noise from shooting ranges - Part 3: Guidelines for sound propagation calculations, $157.00

ISO 17201-5:2010, Acoustics - Noise from shooting ranges - Part 5: Noise management, $110.00

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 29981:2010, Milk products - Enumeration of presumptive bifidobacteria - Colony count technique at 37 degrees C, $92.00

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

ISO 7396-1/Amd2:2010, Medical gas pipeline systems - Part 1: Pipeline systems for compressed medical gases and vacuum - Amendment 2, $16.00

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

ISO 12439:2010, Mixing water for concrete, $80.00

CRANES (TC 96)

ISO 8566-1:2010, Cranes - Cabins and control stations - Part 1: General, $49.00

ISO 8566-3:2010, Cranes - Cabins and control stations - Part 3: Tower cranes, $43.00

DENTISTRY (TC 106)

ISO 16409/Amd1:2010, Dentistry - Oral hygiene products - Manual interdental brushes - Amendment 1, $16.00

POWDER METALLURGY (TC 119)

ISO 22394:2010, Hardmetals - Knoop hardness test, $86.00

SMALL TOOLS (TC 29)

ISO 10243:2010, Tools for pressing - Compression springs with rectangular section - Housing dimensions and colour coding, $92.00

VACUUM TECHNOLOGY (TC 112)

ISO 27892:2010, Vacuum technology - Turbomolecular pumps - Measurement of rapid shutdown torque, $86.00

ISO Technical Specifications

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

ISO/TS 27469:2010, Petroleum, petrochemical and natural gas industries - Method of test for fire dampers, $92.00

Proposed Foreign Government Regulations

Call for Comment

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

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

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

Information Concerning

American National Standards

INCITS Executive Board

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

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

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

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

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

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

ANSI-ASQ National Accreditation Board (ANAB)

ISO 14001 Environmental Management Systems

Application for Accreditation

Certification Body

Beijing NGV Certification Centre and Kaixin Certification (Beijing) Co., Ltd.

Comment Deadline: March 6, 2010

Beijing NGV Certification Centre, Beijing, China, and Kaixin Certification (Beijing) Co., Ltd., Beijing, China, have applied for accreditation under the ANSI-ASQ National Accreditation Board for certification bodies of ISO 14001 environmental management systems.

Comments on the application of the above certification body are solicited from interested parties.

Please send your comments by March 6, 2010, to Lane Hallenbeck, Vice-President, Accreditation Services, American National Standards Institute, 1819 L Street NW, 6th Floor, Washington, DC 20036, FAX: (202) 293-9287, or e-mail lhallenb@ansi.org.

ISO 9001 Quality Management Systems

Application for Accreditation

Certification Body

Beijing NGV Certification Centre and Kaixin Certification (Beijing) Co., Ltd.

Comment Deadline: March 6, 2010

Beijing NGV Certification Centre, Beijing, China, and Kaixin Certification (Beijing) Co., Ltd., Beijing, China, have applied for accreditation under the ANSI-ASQ National Accreditation Board for certification bodies of ISO 9001 quality management systems.

Comments on the application of the above certification body are solicited from interested parties.

Please send your comments by March 6, 2010, to Lane Hallenbeck, Vice-President, Accreditation Services, American National Standards Institute, 1819 L Street NW, 6th Floor, Washington, DC 20036, FAX: (202) 293-9287, or e-mail lhallenb@ansi.org.

Occupational Health and Safety Management Systems

Application for Accreditation

Certification Body

Beijing NGV Certification Centre

Comment Deadline: March 6, 2010

Beijing NGV Certification Centre, Beijing, China, has applied for accreditation under the ANSI-ASQ National Accreditation Board for certification bodies of occupational health and safety management systems.

Comments on the application of the above certification body are solicited from interested parties.

Please send your comments by March 6, 2010, to Lane Hallenbeck, Vice-President, Accreditation Services, American National Standards Institute, 1819 L Street NW, 6th Floor, Washington, DC 20036, FAX: (202) 293-9287, or e-mail lhallenb@ansi.org.

ISO 2200 Food Safety Management Systems

Application for Accreditation

Certification Body

Beijing NGV Certification Centre

Comment Deadline: March 6, 2010

Beijing NGV Certification Centre, Beijing, China, has applied for accreditation under the ANSI-ASQ National Accreditation Board for certification bodies of ISO 22000 food safety management systems.

Comments on the application of the above certification body are solicited from interested parties.

Please send your comments by March 6, 2010, to Lane Hallenbeck, Vice-President, Accreditation Services, American National Standards Institute, 1819 L Street NW, 6th Floor, Washington, DC 20036, FAX: (202) 293-9287, or e-mail lhallenb@ansi.org.

ISO 27001 Information Security Management Systems

Approval of Accreditation

Certification Body

SRI Quality System Registrar

The ANSI-ASQ National Accreditation Board is pleased to announce that the following certification body has earned ANB accreditation for ISO 27001 Information Security Management Systems.

SRI Quality System Registrar
300 Northpointe Circle, Suite 304
Seven Fields, PA 16046
Contact: Christopher Lake
PHONE: (724) 934-9000
E-mail: clake@sriregistrar.com

ISO 14001 environmental management systems and ISO 9001 quality management systems

Withdrawal of Accreditation

Dekra Vincotte Certification USA, Inc.

Effective November 23, 2009, Dekra Vincotte Certification USA, Inc. has voluntarily withdrawn its ANAB accreditation from for both ISO 14001 environmental management systems and ISO 9001 quality management systems. DVC USA is no longer authorized to issue any new ANAB-accredited certificates, and must withdraw any ANAB-accredited certificates that were issued prior to November 23, 2009.

International Organization for Standardization (ISO)

Call for International Secretariat

ISO/TC 38/SC 23 – Textiles – Fibres and Yarns

Comment Deadline: February 19, 2010

Cotton Inc. has advised ANSI they no longer wish to serve in the role of US Delegated Secretariat for this ISO Subcommittee.

The work of this subcommittee is covered by the scope of the ISO Technical Committee 38, as follows:

Standardization of:

- fibres, yarns, threads, cords, rope, cloth and other fabricated textile materials; and the methods of test, terminology and definitions relating thereto;
- textile industry raw materials, auxiliaries and chemical products required for processing and testing;
- specifications for textile products.

Information regarding the United States retaining the secretariat of this ISO Subcommittee can be obtained by contacting Rachel Howenstine, ANSI, at rhowenstine@ansi.org by February 19, 2010.

Proposal for a New Field of ISO Technical Activity

Safety of Attractions

Comment Deadline: March 5, 2010

GOST R (Russian Federation) has submitted a proposal to ISO for a new field of technical activity on the subject of Safety of Attractions with the following proposed scope:

The new committee will address the various aspects related to safety, including:

- the influence of acceleration and psycho-physiological loadings of attractions on the human body (biomechanical risks)
- safety of machines from the point of view of system interactions "the operator – an attraction"
- attractions include structural elements (the fixed foundations, not dismantled elements), and it is necessary to assess the relevant requirements related to these elements.
- safety requirements of the electronic systems will also be addressed.

Please note that this proposal is not provided in the usual ISO format for such proposals. This is because the ISO Technical Management Board (ISO/TMB) approved a pilot project to begin in October 2009 for a period of 6 months to apply recommendations of the ISO/IEC Market Relevance Task Force (MRTF) to any proposals for new fields of ISO technical activity and to new work item proposals in selected committees during this time period. Therefore, this proposal is formatted according to the MRTF recommendations as part of the pilot testing.

This proposal has been sent to the members of the ANSI International Committee (AIC).

Anyone wishing to review the new work item can request a copy of the proposal by contacting Rachel Howenstine, ANSI, via e-mail: rhowenstine@ansi.org by March 2nd with submission of comments to Steven Cornish, ANSI, scornish@ansi.org, by Friday, March 5, 2010.

Meeting Notice

Joint Meeting of CGATS SC3 (Metrology), CGATS SC4 (Process Control) and the US TAG to ISO TC 130 WG3 (Process Control and Related Metrology) and ISO TC 130 WG4 (Media and Materials)

A Joint Meeting of CGATS SC3 (Metrology), CGATS SC4 (Process Control) and the US TAG to ISO TC 130 WG3 (Process Control and Related Metrology) and ISO TC 130 WG4 (Media and Materials) will be held March 25-26, 2010 in Oakdale, MN. This meeting is open to anyone having an interest. Users in the printing and publishing industry are especially encouraged to participate. For additional information, contact Debbie Orf, NPES, at dorf@npes.org or (703) 264-7229.

Information Concerning

International Organization for Standardization (ISO)

Call for Administrator and formation of an Accredited US Technical Advisory Group (TAG) for a potential ISO Committee on Asset Management

The August 28, 2009 issue of STANDARDS ACTION announced that BSI (United Kingdom) submitted to ISO a proposal for a series of three ISO standards on the subject of Asset Management, with the following scope statements for each:

Asset management – Overview, principles and terminology

This International Standard provides:
a) an overview of the asset management family of standards;
b) an introduction to asset management;
c) a description of the underlying principles of asset management
d) examples of the application of asset management principles,
e) a brief description of the Plan-Do-Check-Act (PDCA) methodology and its application within the asset management standards; and
f) details of the terms and definitions for use in the asset management family of standards.

This International Standard is applicable to all types of organization (e.g. commercial enterprises, government agencies, non-profit organizations), as well as to all sizes of organization (from small to medium enterprises through to multinationals).

This International Standard consists of guidance and recommendations and is not intended for certification, regulatory, or contractual use.

Asset management – Requirements

This International Standard specifies the requirements for an asset management system to optimally and sustainably manage physical assets and asset systems over their life cycles.

This International Standard is applicable to any organization that wishes to:
a) establish an asset management system to optimally and sustainably manage its physical assets over their life cycles or over a defined long-term period;
b) implement, maintain and improve the management of its assets;
c) assure itself of conformity with its stated asset management policy and strategy,
d) demonstrate conformity with this International Standard by
e) making a self-determination and self-declaration, or
f) seeking confirmation of its conformance by parties having an interest in the organization, such as customers, or
g) seeking confirmation of its self-declaration by a party external to the organization, or
h) seeking certification/registration of its asset management system by an external organization.

This International Standard is applicable to all types of organization (e.g. commercial enterprises, government agencies, non-profit organizations), as well as to all sizes of organization (from small to medium enterprises through to multinationals).

NOTE 1
The management of physical assets is inextricably linked to the management of other asset types (for example, the optimal life cycle management of physical assets is heavily dependent upon information and knowledge, human assets and financial resources, and often has a significant impact on reputation and customer satisfaction); these other asset types are addressed within the requirements of this International Standard, insofar as they have a direct impact on the management of physical assets.

NOTE 2
The organization can need to manage its asset s optimally for an indefinite period into the future i.e. in perpetuity; in such situations the organization can define the "long-term period" to be in alignment with the time horizon of its organizational strategic plan, including the life cycles of critical assets.

Asset management – Guidelines on the application of ISO Asset Management Requirements Standard

This International Standard provides guidelines for the application of the requirements specified in the ISO asset management requirements standard. It provides guidance on the establishment, implementation, maintenance and improvement of an asset management system and its coordination with other management systems.

This International Standard does not prescribe mandatory approaches, methods or tools for the implementation of the requirements of the ISO asset management requirements standard, but rather seeks to aid understanding and implementation by means of examples and illustrations.

This International Standard is applicable to all types of organization (e.g. commercial enterprises, government agencies, non-profit organizations), as well as to all sizes of organization (from small to medium enterprises through to multinationals).

This International Standards does not create any additional requirements to those specified in the ISO asset management requirements standard.

This International Standard consists of guidance and recommendations and is not intended for certification, regulatory, or contractual use.

BSI has indicated their intention to have a first meeting shortly after ISO Technical Management Board (TMB) acceptance of this new work item. Therefore, it is important, should there be interest for the United States undertaking participating status in this committee, that ANSI be contacted regarding the formation of an accredited US Technical Advisory Group (TAG) for this ISO committee.

For more information concerning the establishment of a US TAG and/or serving as Administrator of a US TAG, please contact rhowenstine@ansi.org .

International Organization for Standardization (ISO)

Call for Administrator and formation of an Accredited US Technical Advisory Group (TAG) for a potential ISO Committee on Reuse of Treated Wastewater

The June 19, 2009 issue of STANDARDS ACTION announced that Israel (SII) submitted to ISO a proposal for an ISO standard on the subject of Treated Wastewater Reuse (TWW), with the following scope statement:

Standardization in the field of the reuse of treated wastewater

The standard will deal with the requirements and processes involved in the development of health, environmentally viable and sustainable projects for the reuse of treated wastewater in agriculture, landscape and industry.

The standard will state the conditions necessary for the design, construction, operation and maintenance of such projects without endangering or causing damage to the health of the people affected by the projects to the environment, to the soil, or to the crops and to the hydrological situation in the area.

The standardization process shall refer to the complex management of all the internal and external elements that affect or can be affected by the implementation of such projects and will refer to other aspects such as:

- wastewater treatment plants: design, building, operation and maintenance requirements,
- treated wastewater distribution and storage systems: design, building, operation and maintenance requirements,
- irrigation systems: design, operation and maintenance requirements,
- wastewater quality suitability to soils and crops
- wastewater quality demands, specially in hydrological sensible regions

This International guideline will deal with the management of projects, specifying requirements and procedures to integrate health and environmental aspects into design, operation and development processes of projects related to treated wastewater reuse and the products obtained from such projects.

SII has indicated their intention to have a first meeting shortly after ISO Technical Management Board (TMB) acceptance of this new work item. Therefore it is important, should there be interest for the United States undertaking participating status in this committee, that ANSI be contacted regarding the formation of an accredited US Technical Advisory Group (TAG) for this ISO committee.

For more information concerning the establishment of a US TAG and/or serving as Administrator of a US TAG, please contact rhowenstine@ansi.org .

PUBLIC REVIEW IV OF AISC 341-10 OF THE AISC *SEISMIC PROVISIONS FOR STRUCTURAL STEEL BUILDINGS*
(JANUARY 29, 2010 TO FEBRUARY 28, 2010)

Revision to AISC 341-10 Section E4.5b:

5b. Expected Vertical Shear Strength of Special Segment

The *expected vertical shear strength* of the special segment, V_{ne}, at mid-length, shall be given as:

$$V_{ne} = \frac{3.60 R_y M_{nc}}{L_s} + 0.036 EI \frac{\left(L - L_s\right)}{L_s^3} + R_y \left(P_{nt} + 0.3 P_{nc}\right) \sin\alpha \qquad \text{(E4-4b)}$$

Replace Equation E4-4b with the following:

$$V_{ne} = \frac{3.60 R_y M_{nc}}{L_s} + 0.036 EI \frac{L}{L_s^3} + R_y \left(P_{nt} + 0.3 P_{nc}\right) \sin\alpha \qquad \text{(E4-4b)}$$

Comment [CJD1]: In Public Review Four: The second term is being revised as shown here.

where

M_{nc} = nominal flexural strength of a chord member of the special segment, kip-in. (N-mm)

E = modulus of elasticity of a chord member of the special segment, kip/in.^{2} (N/mm^2)

I = moment of inertia of a chord member of the special segment, in.^{4} (mm^4)

L = span length of the truss, in. (mm)

L_s = length of the special segment, in. (mm)

P_{nt} = nominal *tensile strength* of a diagonal member of the special segment, kips (N)

P_{nc} = nominal compressive strength of a diagonal member of the special segment, kips (N)

α = angle of diagonal members with the horizontal, degrees

Rationale for Revision:

"A Modified Equation for Expected Maximum Shear Strength of the Special Segment for Design of Special Truss Moment Frames" by S. Chao and S. Goel, 2nd Q. 2008 *Engineering Journal*, AISC, Chicago, IL. This reference is available by request from C. Duncan at Duncan@aisc.org.

BSR/ASHRAE/IES Addendum ck
to ANSI/ASHRAE/IES Standard 90.1-2007

Public Review Draft

ASHRAE® Standard

Proposed Addendum ck to Standard 90.1-2007, *Energy Standard for Buildings Except Low-Rise Residential Buildings*

First Public Review (January 2010)
(Draft Shows Proposed Changes to Current Standard)

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed addendum, go to the ASHRAE website at http://www.ashrae.org/technology/page/331 and access the online comment database. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE web site) remains in effect. The current edition of any standard may be purchased from the ASHRAE Bookstore @ http://www/ashrae.org or by calling 404-636-8400 or 1-800-527-4723 (for orders in the U.S. or Canada).

This standard is under continuous maintenance. To propose a change to the current standard, use the change submittal form available on the ASHRAE web site @ http://www/ashrae.org.

The appearance of any technical data or editorial material in this public review document does not constitute endorsement, warranty, or guaranty by ASHRAE of any product, service, process, procedure, or design, and ASHRAE expressly disclaims such.

AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS, INC.
1791 Tullie Circle, NE Atlanta GA 30329-2305

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

FOREWORD

According to ASHRAE 62.1, Section 6.2.7, optional ventilation system controls may be used to reset outdoor air intake flow in response to either or both:

- *Variations in zone population (zone demand-controlled ventilation)*
- *Variations in ventilation efficiency in a VAV system due to changes in airflow (ventilation reset)*

The first reset mechanism, for variations in zone population in high occupancy areas, is currently covered by 6.4.3.9 in the mandatory section of the standard. These requirements clearly apply to single-zone systems and to zones within 100% outdoor air systems, wherein outdoor air intake flow can be adjusted directly, but they may be inadequate for zones within multiple-zone systems, wherein zone outdoor airflow depends on both central outdoor air intake flow and recirculation of unused outdoor air from over-ventilated zones.

One could make the argument that zone-level reset, i.e. with CO_2 and/or occupancy sensors and/or schedule, is ineffective unless the system ventilation efficiency and system outdoor air intake flow is changed as a result.

This addendum expands zone-level demand controlled ventilation to include various forms of system level strategies. It is being added to the prescriptive section, so that it could be traded off using the ECB method.

At the system level, the outdoor air intake flow can be adjusted continuously, in response to the worst-case (i.e. "critical") zone outdoor airflow requirement, as well as the outdoor airflow and discharge airflow currently required in all other zones. Responding to current outdoor airflow requirements (Vou) and the current system ventilation efficiency (Ev) can dramatically reduce the outdoor air heating or cooling requirement. However, it's more than just the critical zone that determines Evz and Vot, it is also determined by the ventilation efficiency of the entire system. If other zones are overventilated, then the recirculated return air will thereby provide some "fresh" air to the zones on its second time around,.

This concept is true for single- and dual-path systems without zone-level recirculated plenum return air. However, since it is much more difficult to determine the zone ventilation effectiveness for dual-path locally recirculating systems, they should be treated differently. In this addendum dual-path systems are exempted from the requirement.

Savings from this change vary by climate zone. For office buildings the energy savings vary from 1.4% in Climate Zone 1 to 12.4% in Climate Zone 8.

Note: In this addendum, changes to the current standard are indicated in the text by underlining (for additions) and ~~strikethrough~~ (for deletions) unless the instructions specifically mention some other means of indicating the changes. Only these changes are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed substantive changes.

Addendum ck to 90.1-2007

Modify the standard as follows (IP and SI Units)

6.5.3 Air System Design and Control. Each HVAC system having a total fan system motor nameplate hp exceeding 5 hp shall meet the provisions of Sections 6.5.3.1 through ~~6.5.3.2~~.6.5.3.3.

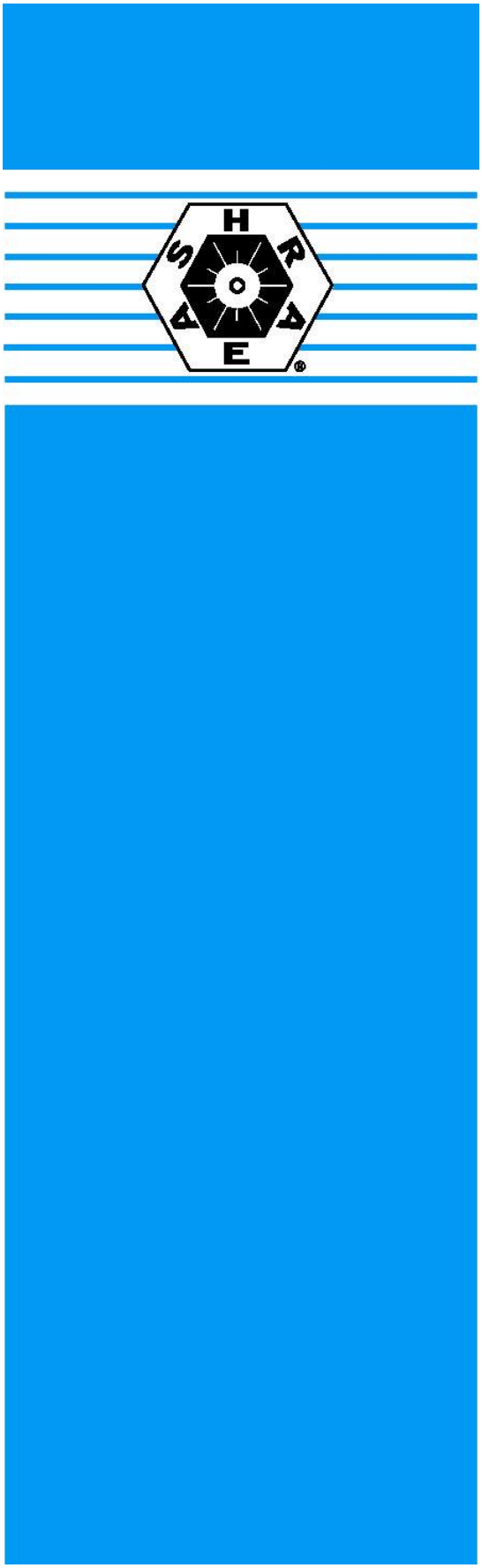
6.5.3.3 Multiple-zone VAV System Ventilation Optimization Control
Multiple-zone VAV systems with DDC of individual zone boxes reporting to a central control panel shall include means to automatically reduce outdoor air intake flow below design rates in response to changes in *system ventilation efficiency* as defined by ASHRAE Standard 62.1, Appendix A and as determined in part by the zone requiring the highest fraction of outdoor air in the zone discharge air stream, and in part by variations in zone-level discharge airflow and outdoor air intake flow requirements.

Exceptions to 6.5.3.3
(a) Dual-path systems which recirculate plenum air locally, as defined by Standard 62.1.
(b) Systems that include Exhaust Air Energy Recovery complying with Section 6.5.6.1.
(c) Systems where total design exhaust airflow is more than 70% of total design outdoor air intake flow requirements.

6.5.6.1 Exhaust Air Energy Recovery
Exceptions to 6.5.6.1
(h) Single-path multiple-zone VAV systems meeting the ventilation control requirements in 6.5.3.3.

Modify the following reference in Section 12

ANSI/ASHRAE Standard 62.1-~~2004~~2007 Ventilation for Acceptable Indoor Air Quality



BSR/ASHRAE/IES Addendum cl
to ANSI/ASHRAE/IES Standard 90.1-2007

Public Review Draft

ASHRAE® Standard

Proposed Addendum cl to Standard 90.1-2007, *Energy Standard for Buildings Except Low-Rise Residential Buildings*

First Public Review (January 2010)
(Draft Shows Proposed Changes to Current Standard)

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed addendum, go to the ASHRAE website at http://www.ashrae.org/technology/page/331 and access the online comment database. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE web site) remains in effect. The current edition of any standard may be purchased from the ASHRAE Bookstore @ http://www/ashrae.org or by calling 404-636-8400 or 1-800-527-4723 (for orders in the U.S. or Canada).

This standard is under continuous maintenance. To propose a change to the current standard, use the change submittal form available on the ASHRAE web site @ http://www/ashrae.org.

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AMERICAN SOCIETY OF HEATING, REFRIGERATING AND AIR-CONDITIONING ENGINEERS, INC.
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FOREWORD

The proposed text would clarify how to interpret the use of dynamic glazing products which are designed to be able to vary a performance property such as SHGC, rather than having just a single value. As the ratings for these products give a range of performance values, designers and code officials require an interpretation on what to use for compliance with the standard.

Note: In this addendum, changes to the current standard are indicated in the text by underlining (for additions) and ~~strikethrough~~ (for deletions) unless the instructions specifically mention some other means of indicating the changes. Only these changes are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed substantive changes.

Addendum cl to 90.1-2007

Revise section 3.2 definitions (IP and SI units):

> ***dynamic glazing:*** Any fenestration product that has the fully reversible ability to change its performance properties, including U-factor, *SHGC*, or *VT*.

Add new exception to section 5.5.4.4.1 SHGC of Vertical Fenestration (IP and SI units):

> d. For *dynamic glazing*, the minimum *SHGC* shall be used to demonstrate compliance with this section. *Dynamic glazing* shall be considered separately from other *vertical fenestration*, and area-weighted averaging with other *vertical fenestration* that is not *dynamic glazing* shall not be permitted.

Add new exception to section 5.5.4.4.2 SHGC of Skylights (IP and SI units):

> **Exception:** For *dynamic glazing*, the minimum *SHGC* shall be used to demonstrate compliance with this section. *Dynamic glazing* shall be considered separately from other *skylights*, and area-weighted averaging with other *skylights* that is not *dynamic glazing* shall not be permitted.

Modify Appendix C, Section C1.3 as follows (IP and SI units):

C1.3 For Fenestration. The classification, area, *U-factor*, *SHGC*, *VT*, overhang *PF* for *vertical fenestration*, and width, depth, and height for *skylight wells* shall be specified. (See Figure C1.3 for definition of width, depth, and height for *skylight wells*.) Each *fenestration* element is associated with a surface (defined in Section C1.2) and has the orientation of that surface. For *dynamic glazing*, the *SHGC* and *VT* shall be equal to that determined in accordance with C3.5 for the base envelope design.

Add the following exception to Table G3.1 #5 proposed building (left column) as follows (IP and SI units):

e. Automatically controlled *dynamic glazing* may be modeled. Manually controlled *dynamic glazing* shall use the average of the minimum and maximum *SHGC* and *VT*.

BSR/ASHRAE/IES Addendum cm
to ANSI/ASHRAE/IES Standard 90.1-2007

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FOREWORD

The proposed text would clarify how to interpret the use of dynamic glazing products which are designed to be able to vary a performance property such as SHGC and VT, rather than having just a single value. As the ratings for these products give a range of performance values, designers and code officials require an interpretation on what to use for compliance with the standard.

This proposed addendum shows modifications to language in addendum "bb". This addendum will only be approved upon approval of addendum "bb".

Note: In this addendum, changes to the current standard are indicated in the text by underlining (for additions) and ~~strikethrough~~ (for deletions) unless the instructions specifically mention some other means of indicating the changes. Only these changes are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed substantive changes.

Addendum cm to 90.1-2007

Revise section 5.5.4.1 (SI and IP Units):

5.5.4.1 General. Compliance with *U-factors*, ~~and~~ *SHGC* and *VT* / *SHGC* shall be demonstrated for the overall fenestration product. Gross wall areas and gross roof areas shall be calculated separately for each *space-conditioning category* for the purposes of determining compliance.

Exception: If there are multiple assemblies within a single *class of construction* for a single *space-conditioning category*, compliance shall be based on an area-weighted average *U-factor*, ~~or~~ *SHGC*, *VT* / *SHGC*, or LSG. It is not acceptable to do an area-weighted average across multiple *classes of construction* or multiple *space-conditioning categories*.

Add new exception to section 5.5.4.5 Visible Transmittance/SHGC Ratio of addendum "bb":

f. For *dynamic glazing*, the *VT*/*SHGC* ratio and the *LSG* shall be determined using the maximum *VT* and maximum *SHGC*. *Dynamic glazing* shall be considered separately from other *fenestration*, and area-weighted averaging with other *fenestration* that is not *dynamic glazing* shall not be permitted.

BSR/UL 67

6.1.3.1 The enclosure shall be constructed so that all doors accessing equipment that is likely to require examination, adjustment, servicing, or maintenance while energized shall open to a minimum of 90 degrees from the closed position. ~~The enclosure shall be constructed so that all doors are able to be opened to a minimum of 90 degrees from the closed position.~~

PROPOSAL FOR BSR/UL 94

5.15 Conditioning Oven - A full draft air-circulating oven, minimum of 5 air changes per hour, capable of being maintained at 70±2~~1~~°C.

6.2 Specimens for certain tests are to be preconditioned in an air-circulating oven for 168 hours at 70 ±2~~1~~°C and then cooled in the desiccator for at least 4 hours at room temperature, prior to testing.

BSR/UL 444
Standard for Communications Cables

3. Air-gap Coax Acceptability

5.2.2 The insulation in an air-gap coaxial member shall consist of a solid or foam tube over a solid or foam spacer.

6. Editorial Corrections

7.22 Sunlight resistant test

Any cable that is marked for sunlight-resistant use as described in Clause 8.3.8 shall be considered acceptable for use in sunlight if the ratio of the average tensile strength and ultimate elongation of five conditioned specimens of the overall jacket to the average tensile strength and ultimate elongation of five unconditioned specimens of the overall jacket is 0.80 or more, when the finished cable is conditioned and tested in accordance with the Weather (Sunlight) Resistance Test in CSA C22.2 No. 2556 or UL 2556, using 720 h of carbon-arc exposure, or xenon-arc exposure. ~~or as described in CSA C22.2 No. 0.3, Clauses 4.10.3 to 4.10.3.3.~~

BSR/UL 1123 PROPOSAL

16.4.1 A Type III Device:

a) Shall maintain each subject in an attitude of relaxed static balance (such as an upright or backward position) so that the subject's respiration is not impeded at any time, and

b) Shall not have a tendency to turn a subject face-down from the position of relaxed static balance in the water.

See 16.4.4 and 16.4.9. In addition, a youth and adult device shall not have a shoulder gap of more than 6 inches (152.4 mm), following 3 self-induced bobbing actions in the water (see 16.4.5) when any part of the front buoyant material, including the portion of the shoulders forward of the ears constructed of foam and/or fabric laminated foam, is shifted upward on the wearer above the lowest corner of the mouth or when vision of the wearer is obstructed by the ridden up device. The gap shall be measured at the shoulder with the greatest apparent gap. Also, the device in the ridden-up condition shall not have a tendency to turn a subject face-down from the position of relaxed static balance in the water and shall comply with the requirements specified in 16.4.2 and 16.4.3 following the bobbing actions. The use of crotch straps is not acceptable to achieve compliance with the ride-up requirements.

Exception No. 1: The shoulder gap requirements do not apply to float coat or wetsuit style PFDs.

Exception No. 2: For pear-shaped individuals only (i.e., stomach is larger than chest), a device need not comply with the shoulder gap requirements. See THINK SAFE PFD PAMPHLET. For the purposes of this exception, a compressed chest size measurement is taken, similar to a snug fitting PFD.

16.4.6 Immediately following the last bobbing motion specified in 16.4.5, the ~~right~~ shoulder with the greatest apparent gap is to be measured by inserting the measuring device illustrated in Figure 16.2 between the top of the shoulder and the inside uppermost portion of the PFD above the right shoulder and applying only enough pressure to take up existing slack. The test subject is to be oriented vertically in the water during this measurement. The hands are to be held together and located at approximately the mid-abdomen during the measurement. Following the shoulder gap measurement, the candidate device is to be tested in accordance with 16.4.2 and 16.4.3. See 16.4.1.

BSR/UL 1449
Standard for Surge Protective Devices

2. Additional Requirements for SPDs with Integral Thermal Links and SPDs with Temperature Responsive Devices that Open During Testing

Table 39B.1
Thermal disconnect testing

UL Standard	Clause	Test	Specimens							
			A	B	C	D	E	H	I	J
60691	10.2	Temperature and Humidity Cycle Conditioning [a]	X	X	X					
60691	10.3	Dielectric Strength (if applicable) [b]	X	X	X					
60691	10.4	Insulation Resistance (if applicable) [b]	X	X	X					
1449	37	Surge Testing Sequence	X	X				X		
60691	11.2	Only applies to 12.3 Exception 2, 12.4.4, and 12.4.6	X							
60691	11.4	Temperature Tests - Aging - Step 1, 21 days [c]					X	X	X	X
1449	39.4	Limited Current Abnormal Overvoltage Test [d]	X	X	X	X	X	X	X	X
60691	10.3	Dielectric Strength (if applicable) [b]	X	X	X	X	X	X	X	X
60691	10.4	Insulation Resistance (if applicable) [b]	X	X	X	X	X	X	X	X

[a] The Temperature & Humidity Cycle Conditioning is conducted as detailed in 10.2 of UL 60691 except that 24 hour Temperature Conditioning is conducted at 60°C, the maximum rated Ambient Air Temperature or the maximum temperature measured on the disconnect means, during the Temperature Test of Section 36 of UL 1449, whichever is greater.

[b] If Acceptable Results are obtained between Disconnection Means (between open contacts) for both the Dielectric Strength and Insulation Resistance Tests, a discrete component "board level" Type 4 SPDs does not need to comply with the Dielectric Strength and Insulation Resistance Testing requirements, between Live Part and the body of the discrete component (wrapped in foil) provided a Condition of Acceptability is added to the Recognition Report making it clear to the end-user that there was dielectric breakdown between live parts and the body of the discrete component (wrapped in foil). As such, proper spacings need to be maintained between the discrete component, other live parts and dead-metal parts.

[c] Step 1 of the Aging portion of the Temperature Tests is conducted at 60°C, the maximum rated Ambient Air Temperature or the maximum temperature measured on the disconnect means, during the Temperature Test of Section 36 of UL 1449, whichever is greater.

[d] To be conducted for each Limited available short circuit current test level, as detailed in Table 39.5 of UL 1449, that the disconnect means is being relied to comply Section 39.4.

Note 1 - Eight additional samples are required for the test program for each Limited available short circuit current test level, as detailed in Table 39.5 of UL 1449, that the disconnect means is being relied to comply with Section 39.4.

Note 2 - If the identification of the thermal element material has not been previously determined by UL, then the material will need to be subjected to the Differential Scanning Calorimeter test for identification.

Note 3 - If the same disconnect feature of a SPD is also being relied upon to Open-Circuit during the Current Tests, Sections 39.2 & 39.3 of UL 1449, then paragraph 39.1.20 of UL 1449 applies and the TVSS must be subjected to annual follow-up testing as detailed in UL 1449 Subject Bulletin dated November 11, 1997.

Note 4 - Special Samples for testing may be required. Specifically, if the SPD employs status circuitry or other non-SPD discrete components, that would conduct during the Dielectric Strength and Insulation Resistance Tests, those components may be omitted for these tests.

Table 39C.1
Test program

UL Standard	Clause	Test		Specimen Groups										
				A	B	C	D	E	F	G	H	I	J	~~K~~
60691	10.2	Temperature and Humidity Cycle Conditioning [a]		X	X	X			X	X				
60691	10.3	Dielectric Strength (if applicable) [c]		X	X	X			X	X				
60691	10.4	Insulation Resistance (if applicable) [c]		X	X	X			X	X				
60691	10.6	Interrupting Current [b]							X	X				
1449	37 & 38	Surge Testing and Operational Voltage Sequence		X	X						X			
60691	11	Temperature Tests												
60691	11.2	Check of T_f [d]		X		X								
60691	11.3	Check of T_m followed by dielectric test and insulation resistance				X	X							
60691	11.4	Ageing			X			X			X	X	X	
		Step 1 (optional)	21 days											
		Step 2 (mandatory)	21 days											
		Step 3 (mandatory)	14 days											
		Step 4 (mandatory)	7 days											
		Step 5 (mandatory)	7 days											
		Step 6 (mandatory)	24 hours											
60691	10.3	Dielectric Strength (if applicable) [c]		X	X			X	X	X	X	X	X	
60691	10.4	Insulation Resistance (if applicable) [c]		X	X			X	X	X	X	X	X	

[a] For SPDs not rated nor intended to carry current, other than surge current, the 24 hour temperature aging portion of the Temperature and Humidity Cycling may, at the manufacturer's request, be conducted at 85°C, the maximum rated end-use temperature, or 10°C higher than the measured end-use temperature, whichever is greater.

[b] If the conditions of voltage, power and current in (c), (d) and (e) of 10.6.2 of UL 60691are not covered by one test, a minimum of three samples should be used for each condition. For SPDs not rated nor intended to carry current, other than surge current, the samples shall be subjected to the Limited Current Abnormal Overvoltage Test at the 10 A level, in lieu of the Interrupting Current Test

[c] If Acceptable Results are obtained between Disconnection Means (between open contacts) for both the Dielectric Strength and Insulation Resistance Tests, a discrete component "board level" Type 4 SPDs does not need to comply with the Dielectric Strength and Insulation Resistance Testing requirements, between Live Part and the body of the discrete component (wrapped in foil) provided a Condition of Acceptability is added to the Recognition Report making it clear to the end-user that there was dielectric breakdown between live parts and the body of the discrete component (wrapped in foil). As such, proper spacings need to be maintained between the discrete component, other live parts and dead-metal parts.

[d]For SPDs not rated nor intended to carry current, other than surge current, the thermal-link may open at a temperature less then Tf-10°C, provided the opening temperature is greater than the 85°C, the maximum rated end-use temperature, or 10°C higher than the measured end-use temperature, whichever is greater. Opening of the thermal-link, at a temperature less than Tf-10°C, shall be ~~detailed in the UnListed Component Report for the Thermal-Link~~ permitted.

Note 1 - The Surge Testing Sequence is conducted instead of the Transient Overload Current Test (UL 60691, Sec. 10.7) as the requirements in UL 1449 are more severe and demonstrate that the thermal-link feature is NOT damaged by the normal surges that a SPD is intended to subjected to.

Note 2 - 48 Samples are required for the test program. (The numbers do not add up. 15 extras are required in case some tests need to be repeated).

Note 3 - If the identification of the thermal element material has not been previously determined by UL, then the material will need to be subjected to the Differential Scanning Calorimeter test for identification.

Note 4 - If the same disconnect feature of a SPD is also being relied upon to Open-Circuit during the Current Tests, Sections 39.2 & 39.3 of UL 1449, then Paragraph 39.1.20 of UL 1449 applies and the TVSS must be subjected to annual follow-up testing as detailed in UL 1449 Subject Bulletin dated November 11, 1997.