ANSI STANDARDS ACTION

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Contents

American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

ISSN 0038-9633

Comment Deadline: December 6, 2009

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

Addenda

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

Modifies the purpose and scope of Standard 90.1.

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

Clarifies the operation of occupancy sensor control and restricts the exemption of receptacles aimed 24 hours to just those receptacles, instead of entire spaces.

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

Closes a loophole in the fan power allowances for Variable Air Volume (VAV) systems. Standard VAV systems are multi-zone systems with terminal units containing control dampers to vary airflow to individual zone.

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

Includes a number of changes to:
- require simple systems to meet prescriptive outdoor air damper requirements;
- allow backdraft dampers only for exhaust and relief dampers in buildings less than three stories in height; and
- require backdraft dampers on outdoor air intakes to be protected from wind-limiting wind-blown infiltration through the damper.

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

Fixes a mistake in the way 8' pipe was analyzed. RS Means data for threaded pipe was used for 8' when welded pipe data should have been used. This addendum also includes a minor editorial change since it is not possible to operate more than 8760 hrs/yr.

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

These additions:
(1) strengthen the language to actually require exterior control rather than just require the control capability;
(2) add bi-level control for general all-night applications such as parking lots to reduce lighting when not needed; and
(3) add control for facade and landscaping lighting not needed after midnight.

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

Requires that all spaces (unless exempted) have multilevel control capability (also commonly known as bi-level switching).

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

Stairwell lighting represents the "Emergence Egress Light Level" with stairwell occupancy. However, the occupancy percentage of a stairwell is only 10%, thus offering savings. Various case studies and demonstrations have shown significant energy savings for this strategy.

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

NECA (National Electrical Contractors Association)

New Standards

BSR/NECA 169-201x, Standard for Installing and Maintaining Arc-Fault Circuit Interrupters (AFCIs) and Ground-Fault Circuit Interrupters (GFCIs) (new standard)

Describes the installation and maintenance procedures for arc-fault circuit interrupters (AFCIs) and ground-fault circuit interrupters (GFCIs).

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

Send comments (with copy to BSR) to: am2@necanet.org

NGA (National Glass Association)

Revisions

BSR/NGA R1.1-201x, Repair of Laminated Automotive Glass Standard (ROLAGS) (revision of ANSI/NGA R1.1-2007)

Defines:
- Repairable damages;
- The process of windshield repair; and
- The performance criteria for repaired laminated glass.

This standard shall also provide best practices for the training of a repair technician.

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

Send comments (with copy to BSR) to: Leo Cyr, (703) 442-4890 or (850) 932-1405, leo@glass.org

NSF (NSF International)

Revisions

BSR/NSF 140-200x (i9), Sustainable Carpet Assessment (revision of ANSI/NSF 140-2007e)

Issue 9 - Revises the definition of renewable energy in subsection 3.14.

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

Send comments (with copy to BSR) to: Adrienne O'Day, (734) 827-5676, oday@nsf.org

BSR/NSF 14 200x (i33), Plastics piping system components and related materials (revision of ANSI/NSF 14-2008e)

Issue 33 - Changes the burst pressure test for the sulfone family of fittings for PEX tubing in Table 11 from weekly to annually.

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

Send comments (with copy to BSR) to: Adrienne O'Day, (734) 827-5676, oday@nsf.org

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 66-201x, Standard for Safety for Fixture Wire (Proposals dated 11-6-09) (revision of ANSI/UL 66-2005)

Covers:
(1) Reference to Oil Used in the Oil Resistance Test, Revision to 8.2.2.4;
(2) Addition of Durability Test of Ink Printing Parameters as new 20.2; and
(3) Addition of Type PAF Temperature Marker Threads to Table 25.1.

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

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

BSR/UL 1175-201x, Standard for Buoyant Cushions (Proposal dated 11/6/2009) (revision of ANSI/UL 1175-2007)

Proposes the replacement of gasoline with n-heptane in the flame exposure test.

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 1177-201x, Standard for Buoyant Vests (Proposal dated 11/6/2009) (revision of ANSI/UL 1177-2007)

Proposes the replacement of gasoline with n-heptane in the flame exposure test.

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

Comment Deadline: December 21, 2009

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoptions

BSR/AAMI/ISO 12962-201x, Implants for surgery - Active implantable medical devices - Pacemaker magnet mode response (identical national adoption of ISO/WD 12962 12962 [in development])

Defines requirements to assess battery status through predictable fixed rate stimulation for temporary and exceptional emergency use and in patients with an implanted anti-bradycardia or cardiac resynchronization pacemaker.

Single copy price: $20.00 (AAMI members)/$25.00 (list)

Obtain an electronic copy from: www.aami.org

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

Send comments (with copy to BSR) to: Jennifer Moyer, (703) 525-4890, jmoyer@aami.org; hchoe@aami.org

ASABE (American Society of Agricultural and Biological Engineers)

Revisions

BSR/ASABE EP378.4-200x, Floor and Suspended Loads on Agricultural Structures Due to Use (revision of ANSI/ASAE EP378.3 FEB1987 (R2004))

Includes recommended design loads resulting from livestock, suspended caged poultry, vehicles, and manure stored on a floor. This standard does not include loads on manure storages, or wind and snow loads, or building design loads covered by ANSI/ASCE-7. Specifications for these applications are included ASAE Engineering Practice EP393, Manure Storages, respectively.

Single copy price: $48.00

Obtain an electronic copy from: vangilder@asabe.org

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

Send comments (with copy to BSR) to: Same

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

New Standards

BSR/ASHRAE Standard 193P-200x, Method of Test for Determining the Airtightness of HVAC Equipment (new standard)

Specifies a laboratory test for the airtightness of individual components in an HVAC system. Although ASHRAE Standards 62.2 and 152 address air leakage in HVAC systems as a whole, they do not provide a way to determine the airtightness of specific components in an HVAC system. Targeted at systems that move less than 3000 cfm (1400 L/s), Standard 193 will provide laboratory results that may be used by cognizant authorities who wish to regulate the air leakage of HVAC equipment and by contractors and installers that wish to specify and install equipment with known leakage characteristics.

Single copy price: $35.00

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

Order from: standards.section@ashrae.org

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

Addenda

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

Adds a definition for metal coiling doors, and modifies requirements for air leakage testing for fenestration and doors.

Single copy price: $35.00

Order from: standards.section@ashrae.org

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

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

Updates public review draft of addendum bb. Addendum bb updated the building envelope requirements for opaque elements and fenestration in Standard 90.1-2007 and associated text and appendix changes that relate to the prescriptive criteria tables.

Single copy price: $35.00

Order from: standards.section@ashrae.org

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

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

This standard places performance requirements for air leakage of the opaque envelope.

Single copy price: $35.00

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

Provides updates based on comments received during the first public review that closed on August 3, 2009. Addendum bi addresses the requirements for pipe insulation.

Single copy price: $35.00

Order from: standards.section@ashrae.org

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

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

Limits poorly oriented fenestration. Compliance can be shown by having more south facing fenestration than west-facing fenestration. For those buildings affected by this requirement, this reduces envelope loads and energy usage, and thereby costs

Single copy price: $35.00

Order from: standards.section@ashrae.org

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

Modifies the labeling requirements to make it simpler for determining compliance.

Single copy price: $35.00

Order from: standards.section@ashrae.org

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

Promotes alternative methods of heating perimeter spaces with high heat losses other than the use of a VAV box with terminal reheat (i.e., radiant heat, parallel fan powered box, etc.).

Single copy price: $35.00

Order from: standards.section@ashrae.org

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

ASME (American Society of Mechanical Engineers)

Revisions

BSR/ASME BPVC Section III-200x, Rules for Construction of Nuclear Facility Components (August 2009 meeting) (revision of ANSI/ASME BPVC 2007 Edition)

Constitutes requirements for the design, construction, stamping, and overpressure protection of items used in nuclear power plants and other nuclear facilities. This section consists of the following three divisions:
(a) Division 1: Metallic vessels, heat exchangers, storage tanks, piping systems, pumps, valves, core support structures, supports, and similar items;
(b) Division 2: Concrete containment vessels; and
(c) Division 3. Metallic containment systems for storage or transportation of spent nuclear fuel and high-level radioactive materials and waste.

Single copy price: Free

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

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

Send comments (with copy to BSR) to: Christian Sanna, (212) 591-8513, sannac@asme.org

BSR/ASME BPVC Section IX-201x, Welding and Brazing Qualifications (5/12/09 Meeting) (revision of ANSI/ASME BPVC 2007 Edition)

Relates to the qualification of welders, welding operators, brazers, and brazing operators, and the procedures that they employ in welding and brazing in accordance with the ASME Boiler and Pressure Vessel Code and the ASME B31 Code for Pressure Piping.

Single copy price: Free

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

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

Send comments (with copy to BSR) to: Steven Rossi, (212) 591-8460, rossis@asme.org

BSR/ASME BPVC Section VIII-201x, Rules for Construction of Pressure Vessels (5/14/09 meeting) (revision of ANSI/ASME BPVC 2007 Edition)

Contains mandatory requirements, specific prohibitions, and nonmandatory guidance for pressure vessel materials, design, fabrication, examination, inspection, testing, certification, and pressure relief. The Code does not address all aspects of these activities, and those aspects that are not specifically addressed should not be considered prohibited.

Single copy price: Free

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

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

Send comments (with copy to BSR) to: Steven Rossi, (212) 591-8460, rossis@asme.org

BSR/ASME PCC-1-201x, Guidelines for Pressure Boundary Bolted Flange Joint Assembly (revision of ANSI/ASME PCC-1-2005)

Applies to pressure-boundary flanged joints with ring-type gaskets that are entirely within the circle enclosed by the bolt holes and with no contact outside this circle. By selection of those features suitable to the specific service or need, these guidelines may be used to develop effective joint assembly procedures for the broad range of sizes and service conditions normally encountered in the process industries.

Single copy price: Free

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

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

Send comments (with copy to BSR) to: Steven Rossi, (212) 591-8460, rossis@asme.org

ASTM (ASTM International)

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For all ASTM standards, send comments (with copy to BSR) to:
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New Standards

BSR/ASTM WK991-201x, Specification for Elliptical Trainers (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

BSR/ASTM WK11803-201x, Specification for Fiber Reinforced Thermoplastic Pipe (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

BSR/ASTM WK14412-201x, Specification for 12 to 30 in. [300 to 750 mm] Annular Corrugated Profile-Wall Polyethylene (PE) Pipe and Fittings for Sanitary Sewer Applications (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

BSR/ASTM WK14955-201x, Specification for Modified Stub Acme Thread Joint with Elastomeric Seal in Plastic Piping Components (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

BSR/ASTM WK14977-201x, Specification for 6 to 30 inch (152 to 762 mm) Polypropylene (PP) Corrugated Single Wall Pipe and Double Wall Pipe (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

BSR/ASTM WK17534-201x, Test Method for Evaluating Design and Performance Characteristics of Elliptical Trainers (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

BSR/ASTM WK18469-201x, Specification for Corrugated High Density Polyethylene (HDPE) Water Quality Units (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

BSR/ASTM WK19507-201x, Specification for 30 to 60 in. [750 to 1500 mm] Triple Profile-Wall Polyethylene (PE) Pipe and Fittings for Sanitary Sewer Applications (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

BSR/ASTM WK19508-201x, Specification for 30 to 60 in. [750 to 1500 mm] Polypropylene (PP) Triple Wall Pipe and Fittings for Non-Pressure Sanitary Sewer Applications (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

BSR/ASTM WK20768-201x, Practice for Field Leak Testing of Polyethylene (PE) Pressure Piping Systems Using Gaseous Media Under Pressure (Pneumatic Leak Testing) (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

BSR/ASTM WK21848-201x, Specification for Multilayer Thermoplastic and Flexible Steel Pipe and Connections (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

BSR/ASTM WK23007-201x, Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe (METRIC SDR-PR) (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

BSR/ASTM WK23226-201x, Specification for Polyethylene (PE) Pipe with a Co-Extruded Inner and/or Outer Barrier Layer for Pressure Piping Applications Applications in Contact with Liquid Hydrocarbons (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

BSR/ASTM WK23632-201x, Specification for Goggle- and Spectacle-Type Eye Protectors for Selected Motor Sports (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

BSR/ASTM WK24097-201x, Specification for Grade 94 Unleaded Aviation Gasoline Certification and Test Fuel (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

Revisions

BSR/ASTM C709-201x-201x, Terminology Relating to Manufactured Carbon and Graphite (revision of ANSI/ASTM C709-2006)

http://www.astm.org/ANSI_SA

Single copy price: $32.00

BSR/ASTM D2241-201x, Specification for Poly(Vinyl Chloride) (PVC) Pressure-Rated Pipe (SDR) Series (revision of ANSI/ASTM D2241-2005)

http://www.astm.org/ANSI_SA

Single copy price: $37.00

BSR/ASTM D2513-201x, Specification for Thermoplastic Gas Pressure Pipe, Tubing, and Fittings (revision of ANSI/ASTM D2513-2009)

http://www.astm.org/ANSI_SA

Single copy price: $51.00

BSR/ASTM D2624-201x, Test Methods for Electrical Conductivity of Aviation and Distillate Fuels (revision of ANSI/ASTM D2624-2007a)

http://www.astm.org/ANSI_SA

Single copy price: $37.00

BSR/ASTM D3240-201x, Test Method for Undissolved Water in Aviation Turbine Fuels (revision of ANSI/ASTM D3240-2005)

http://www.astm.org/ANSI_SA

Single copy price: $32.00

BSR/ASTM D3948-201x, Test Method for Determining Water Separation Characteristics of Aviation Turbine Fuels by Portable Separometer (revision of ANSI/ASTM D3948-2008)

http://www.astm.org/ANSI_SA

Single copy price: $43.00

BSR/ASTM D4054-201x, Practice for Evaluating the Compatibility of Additives with Aviation-Turbine Fuels and Aircraft Fuel System Materials (revision of ANSI/ASTM D4054-1993 (R2003))

http://www.astm.org/ANSI_SA

Single copy price: $32.00

BSR/ASTM D7223-201x, Specification for Aviation Certification Turbine Fuel (revision of ANSI/ASTM D7223-2006)

http://www.astm.org/ANSI_SA

Single copy price: $37.00

BSR/ASTM D7224-201x, Test Method for Determining Water Separation Characteristics of Kerosine-Type Aviation Turbine Fuels Containing Additives by Portable Separometer (revision of ANSI/ASTM D7224-2008)

http://www.astm.org/ANSI_SA

Single copy price: $43.00

BSR/ASTM E1902-201x, Specification for Management of the Confidentiality and Security of Dictation, Transcription, and Transcribed Health Records (revision of ANSI/ASTM E1902-2002)

http://www.astm.org/ANSI_SA

Single copy price: $37.00

BSR/ASTM E1986-201x, Guide for Information Access Privileges to Health Information (revision of ANSI/ASTM E1986-1998 (R2006))

http://www.astm.org/ANSI_SA

Single copy price: $43.00

BSR/ASTM E2072-201x, Specification for Photoluminescent (Phosphorescent) Safety Markings (revision of ANSI/ASTM E2072-2009)

http://www.astm.org/ANSI_SA

Single copy price: $32.00

BSR/ASTM E2073-201x, Test Method for Photopic Luminance of Photoluminescent (Phosphorescent) Markings (revision of ANSI/ASTM E2073-2009)

http://www.astm.org/ANSI_SA

Single copy price: $32.00

BSR/ASTM F477-201x, Specification for Elastomeric Seals (Gaskets) for Joining Plastic Pipe (revision of ANSI/ASTM F477-2008)

http://www.astm.org/ANSI_SA

Single copy price: $32.00

BSR/ASTM F659-201x, Specification for Skier Goggles and Faceshields (revision of ANSI/ASTM F659-2006)

http://www.astm.org/ANSI_SA

Single copy price: $37.00

BSR/ASTM F803-201x, Specification for Eye Protectors for Selected Sports (revision of ANSI/ASTM F803-2003)

http://www.astm.org/ANSI_SA

Single copy price: $43.00

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

http://www.astm.org/ANSI_SA

Single copy price: $58.00

BSR/ASTM F1282-201x, Specification for Polyethylene/Aluminum/Polyethylene (PE-AL-PE) Composite Pressure Pipe (revision of ANSI/ASTM F1282-2005)

http://www.astm.org/ANSI_SA

Single copy price: $37.00

BSR/ASTM F1544-201x, Specification for Determining the Rating Velocities of an Archery Bow (revision of ANSI/ASTM F1544-2004)

http://www.astm.org/ANSI_SA

Single copy price: $32.00

BSR/ASTM F1735-201x, Specification for Poly(Vinyl Chloride) (PVC) Profile Strip for PVC Liners for Rehabilitation of Existing Man-Entry Sewers and Conduits (revision of ANSI/ASTM F1735-2002 (R2008))

http://www.astm.org/ANSI_SA

Single copy price: $37.00

BSR/ASTM F1807-201x, Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-Linked Polyethylene (PEX) Tubing (revision of ANSI/ASTM F1807-2008)

http://www.astm.org/ANSI_SA

Single copy price: $37.00

BSR/ASTM F1865-201x, Specification for Mechanical Cold Expansion Insert Fitting with Compression Sleeve for Cross-Linked Polyethylene (PEX) Tubing (revision of ANSI/ASTM F1865-2002 (R2009))

http://www.astm.org/ANSI_SA

Single copy price: $37.00

BSR/ASTM F1960-201x, Specification for Cold Expansion Fittings with PEX Reinforcing Rings for Use with Cross-Linked Polyethylene (PEX) Tubing (revision of ANSI/ASTM F1960-2009)

http://www.astm.org/ANSI_SA

Single copy price: $37.00

BSR/ASTM F1961-201x, Specification for Metal Mechanical Cold Flare Compression Fittings with Disc Spring for Crosslinked Polyethylene (PEX) Tubing (revision of ANSI/ASTM F1961-2002)

http://www.astm.org/ANSI_SA

Single copy price: $37.00

BSR/ASTM F1974-201x, Specification for Metal Insert Fittings for Polyethylene/Aluminum/Polyethylene and Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene Composite Pressure Pipe (revision of ANSI/ASTM F1974-2008)

http://www.astm.org/ANSI_SA

Single copy price: $37.00

BSR/ASTM F2023-201x, Test Method for Evaluating the Oxidative Resistance of Crosslinked Polyethylene (PEX) Tubing and Systems to Hot Chlorinated Water (revision of ANSI/ASTM F2023-2008)

http://www.astm.org/ANSI_SA

Single copy price: $37.00

BSR/ASTM F2080-201x, Specification for Cold-Expansion Fittings with Metal Compression-Sleeves for Cross-Linked Polyethylene (PEX) Pipe (revision of ANSI/ASTM F2080-2007)

http://www.astm.org/ANSI_SA

Single copy price: $37.00

BSR/ASTM F2136-201x, Test Method for Notched, Constant Ligament-Stress (NCLS) Test to Determine Slow-Crack-Growth Resistance of HDPE Resins or HDPE Corrugated Pipe (revision of ANSI/ASTM F2136-2008)

http://www.astm.org/ANSI_SA

Single copy price: $37.00

BSR/ASTM F2159-201x, Specification for Plastic Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-Linked Polyethylene (PEX) Tubing (revision of ANSI/ASTM F2159-2005)

http://www.astm.org/ANSI_SA

Single copy price: $37.00

BSR/ASTM F2418-201x, Specification for Polypropylene (PP) Corrugated Wall Stormwater Collection Chambers (revision of ANSI/ASTM F2418-2009)

http://www.astm.org/ANSI_SA

Single copy price: $37.00

BSR/ASTM F2434-201x, Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-Linked Polyethylene (PEX) Tubing and SDR9 Cross-Linked Polyethylene/Aluminum/Cross-Linked Polyethylene (PEX-AL-PEX) Tubing (revision of ANSI/ASTM F2434-2008)

http://www.astm.org/ANSI_SA

Single copy price: $37.00

BSR/ASTM F2620-201x, Practice for Heat Fusion Joining of Polyethylene Pipe and Fittings (revision of ANSI/ASTM F2620-2006)

http://www.astm.org/ANSI_SA

Single copy price: $43.00

BSR/ASTM F2720-201x, Specification for Glass Fiber Reinforced Polyethylene (PE-GF) Spiral Wound Large Diameter Pipe (revision of ANSI/ASTM F2720-2008)

http://www.astm.org/ANSI_SA

Single copy price: $37.00

BSR/ASTM F2735-201x, Specification for Plastic Insert Fittings for SDR9 Cross-Linked Polyethylene (PEX) and Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F2735-2008a)

http://www.astm.org/ANSI_SA

Single copy price: $37.00

Reaffirmations

BSR/ASTM D2564-2004 (R201x), Specification for Solvent Cements for Poly(Vinyl Chloride) (PVC) Plastic Piping Systems (reaffirmation of ANSI/ASTM D2564-2004)

http://www.astm.org/ANSI_SA

Single copy price: $37.00

BSR/ASTM F1176-2001 (R201x), Practice for Design and Installation of Underground Thermoplastic Irrigation Systems with Maximum Working Pressure of 125 Psi (reaffirmation of ANSI/ASTM F1176-2001)

http://www.astm.org/ANSI_SA

Single copy price: $37.00

BSR/ASTM F1533-2001 (R201x), Specification for Deformed Polyethylene (PE) Liner (reaffirmation of ANSI/ASTM F1533-2001)

http://www.astm.org/ANSI_SA

Single copy price: $32.00

AWWA (American Water Works Association)

Supplements

BSR/AWWA C214a-201x, Tape Coating Systems for the Exterior of Steel Water Pipelines (supplement to ANSI/AWWA C214-2007)

Includes an addition of an option for a 100-percent-solids liquid epoxy adhesive coating system for the exterior of steel water pipe.

Single copy price: $20.00

Obtain an electronic copy from: llobb@awwa.org

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

Send comments (with copy to BSR) to: Same

IIAR (International Institute of Ammonia Refrigeration)

New Standards

BSR/IIAR 7-201x, Developing Operating Procedures for Closed Circuit Ammonia Mechanical Refrigerating Systems (new standard)

Defines the minimum requirements for developing operating procedures for closed-circuit ammonia mechanical refrigerating systems.

Single copy price: $40.00 (IIAR members)/$80.00 (nonmembers) [Drafts are free until public review is complete.]

Order from: Eric Smith, 703-312-4200, eric.smith@iiar.org

Send comments (with copy to BSR) to: Same

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

New Standards

Draft INCITS 466-201x, Information technology - Single Byte Command Code Sets Mapping Protocol - 4 (FC-SB-4) (new standard)

Describes a communication interface between a channel and I/O control units that utilize the Single-Byte Command Code Sets (SBCCS) as implemented in a wide range of data processing systems. This standard employs information formats and signaling protocols that provide a uniform means for communicating with various types of I/O control units, facilitating a high-bandwidth, high-performance, and long-distance information exchange environment.

Single copy price: $30.00

Obtain an electronic copy from: http://www.incits.org or http://webstore.ansi.org or click on the link above

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; lbarra@itic.org

Revisions

BSR INCITS 388-201x, Information technology - Storage management (revision of ANSI INCITS 388-2008)

Defines an interface for the secure, extensible, and interoperable management of a distributed and heterogeneous storage system. This interface uses an object-oriented, XML-based, messaging-based protocol designed to support the specific requirements of managing devices and subsystems in this storage environment. Using this protocol, this Technical Specification describes the information available to a WBEM Client from an SMI-S-compliant CIM WBEM Server. (NOTE: This standard is made up of 8 interdependent parts. Search on "Draft INCITS 388" in the ANSI Webstore to call up all 8 PDFs.)

Single copy price: $30.00 each part; $240.00 for all 8 parts (See note in Scope)

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; lbarra@itic.org

Reaffirmations

INCITS/ISO/IEC 14772-1-1997 (R201x), Information Technology - Computer Graphics and Image Processing - The Virtual Reality Modeling Language - Part 1: Functional Specification and UTF-8 Encoding (reaffirmation of INCITS/ISO/IEC 14772-1-1997 (R2004))

Defines a file format that integrates 3D graphics and multimedia. Conceptually, each VRML file is a 3D time-based space that contains graphic and aural objects that can be dynamically modified through a variety of mechanisms. This part of ISO/IEC 14772 defines a primary set of objects and mechanisms that encourage composition, encapsulation, and extension.

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

INCITS/ISO/IEC 14772-2-2004 (R201x), Information Technology - Computer graphics and image processing - The Virtual Reality Modeling Language (VRML) - Part 2: External authoring interface (EAI) (reaffirmation of INCITS/ISO/IEC 14772-2-2004 (R2009))

Defines a file format that integrates 3D graphics and multimedia. Conceptually, each VRML file is a 3D time-based space that contains graphic and aural objects that can be dynamically modified through a variety of mechanisms. This part of ISO/IEC 14772 defines the interface that applications external to the VRML browser may use to access and manipulate the objects defined in ISO/IEC 14772-1.

Single copy price: $30.00

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

INCITS/ISO/IEC 14772-1-1997/AM1-2004 (R201x), Information Technology- Computer graphics and image processing - The Virtual Reality Modeling Language - Part 1: Functional specification and UTF-8 encoding - Amendment 1: Enhanced interoperability (reaffirmation of INCITS/ISO/IEC 14772-1-1997/AM1-2004 (R2009))

Defines a file format that integrates 3D graphics and multimedia. Conceptually, each VRML file is a 3D time-based space that contains graphic and aural objects that can be dynamically modified through a variety of mechanisms. This part of ISO/IEC 14772 defines a primary set of objects and mechanisms that encourage composition, encapsulation, and extension. Enhanced interoperability.

Single copy price: $30.00

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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

NECA (National Electrical Contractors Association)

New Standards

BSR/NECA 130-201x, Standard for Installing and Maintaing (new standard)

Describes the installation and maintenance procedures for wiring

Single copy price: $40.00

Obtain an electronic copy from: http://www.necanet.org/store/index.cfm?fuseaction=catlist&category=337

Order from: Nancy Sipe, (301) 215-4504, orderdesk@necanet.org

Send comments (with copy to BSR) to: am2@necanet.org

NEMA (ASC C78) (National Electrical Manufacturers Association)

Revisions

BSR/ANSLG C78.81-201x, Electric Lamps - Double-Capped Fluorescent Lamps - Dimensional and Electrical Characteristics (revision and redesignation of ANSI C78.81-2005 (R2008))

Sets forth the physical and electrical characteristics of the principal types of fluorescent lamps intended for application on conventional line-frequency circuits, and electronic high-frequency circuits.

Single copy price: $At cost +

Obtain an electronic copy from: Mat_clark@nema.org

Order from: Randolph Roy, (703) 841-3277, ran_roy@nema.org; mat_clark@nema.org

Send comments (with copy to BSR) to: Same

PRCA (Professional Ropes Course Association)

New Standards

BSR/PRCA 1.0-3-201x, Ropes Challenge Course Installation Operation & Training Standards (new standard)

Documents minimum and better practices of construction, training, and operation practices pertaining to ropes challenge courses. Standards may be used for course evaluations, insurance criteria, professional development, or repairs.

Single copy price: $120.00

Obtain an electronic copy from: info@prcainfo.org

Order from: info@prcainfo.org

Send comments (with copy to BSR) to: Same

SCTE (Society of Cable Telecommunications Engineers)

Revisions

BSR/SCTE 98-201x, Test Method for Withstand Tightening Torque - 'F' Male (revision of ANSI/SCTE 98-2004)

Measures the 'F' Male interface torque and/or to determine the amount of torque that will cause one or more of the following conditions to occur:
- Stripping of the internal threads;
- Damage to the male interface; or
- Failure of the nut hex-flats.

Single copy price: $50.00

Obtain an electronic copy from: Standards@scte.org

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

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

BSR/SCTE 99-200x, Test Method for Axial Pull Connector/Drop Cable (revision of ANSI/SCTE 99-2004)

Provides a test method for measuring the axial force required to cause one or more of the following conditions:
- Cable structural failure;
- Connector structural failure; or
- Separation due to slip at the connector/cable interface.

Single copy price: $50.00

Obtain an electronic copy from: Standards@scte.org

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

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

SPRI (Single Ply Roofing Institute)

New Standards

BSR/SPRI VF-1-201x, External Fire Design Standard for Vegetative Roofs (new standard)

Provides a method for designing external fire resistance for vegetative roofing systems. This standard is intended to provide a minimum design and installation reference for those individuals who design, specify, and install vegetative roofing systems. It shall be used in conjunction with the installation specifications and requirements of the manufacturer of the specific products used in the vegetative roofing system.

Single copy price: $5.00

Obtain an electronic copy from: info@spri.org

Order from: Linda King, (781) 647-7026, info@spri.org

Send comments (with copy to BSR) to: info@spri.org

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

Reaffirmations

BSR B74.20-2004 (R201x), Specification for Diamond and CBN Powders in Sub-Sieve Sizes (reaffirmation of ANSI B74.20-2004)

Defines the characterization of sub-sieve size diamond and CBN powders for general industrial use. However, there are special applications such as the electronics and polycrystalline diamond/CBN (PCD/PCBN) industries that require custom specifications to be agreed upon between the micronizer and the end user. This standard does not attempt to address these special situations.

Single copy price: $14.00

Obtain an electronic copy from: sab@wherryassoc.com

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

Send comments (with copy to BSR) to: J. Jeffrey Wherry, (440) 899-0010, jjw@wherryassoc.com; djh@wherryassoc.com

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 224-201x, Standard for Safety for Extruded Insulated Tubing (revision of ANSI/UL 224-2006)

The following are proposed requirements for UL 224:
(1) Clarification of requirements for long-term heat-aging testing; and
(2) Correction of a typographical error in the secant modulus requirement.

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: Derrick Martin, (408) 754-6656, Derrick.L.Martin@us.ul.com

BSR/UL 507-201x, Standard for Safety for Electric Fans (revision of ANSI/UL 507-2007b)

Covers:

(1) Addition of a new definition for usable normal condition regarding the half-wave temperature test;
(2) Replacement of the test voltages (Table 31.1) with a similar table from UL 705;
(3) Additional requirements for glass used in rangehoods;
(4) From 2008 STP meeting - Addition of UL 50 tests for bending, flexing and torque tests for rigid metal conduit connections; and
(5) From 2008 STP meeting - Cold impact testing of guards.

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: Susan Malohn, (847) 664-1725, Susan.P.Malohn@us.ul.com

Comment Deadline: January 5, 2010

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

ASSE (ASC Z359) (American Society of Safety Engineers)

New Standards

BSR ASSE Z359.7-201x, Certification of Fall Protection Products and Components (new standard)

Establishes requirements for certification of ANSI Z359 Code of fall protection products and components as well as requirements for third-party testing, witness testing and manufacturer self-certification of fall protection products and components to the requirements of the ANSI Z359 Code of standards.

Single copy price: $80.00

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

Send comments (with copy to BSR) to: Same

Projects Withdrawn from Consideration

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

NACE (NACE International, the Corrosion Society)

BSR/NACE SP0207-200x, Performing Close-Interval Potential Surveys and DC Surface Potential Gradient Surveys on Buried or Submerged Metallic Pipelines (new standard)

Addresses use of close-interval surveys (CIS), including data collection prior to application of cathodic protection (CP) (native-state survey), with the CP systems in operation (on survey), with the CP current sources synchronously interrupted (on/off survey), with asynchronous interruption of CP current (waveform analyzer survey), and with CP currents turned off so the structure depolarizes (depolarized survey). This standard also addresses hybrid survey techniques used to evaluate the direction of current in the earth and to identify possible anodic areas on a pipeline.

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/UL 745-1-2004, Standard for Safety for Portable Electric Tools - Part 1: General Requirements

Call for Comment Contact Information

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

Order from:

AAMI
Association for the Advancement of Medical Instrumentation
1110 N Glebe Road
Suite 220
Arlington, VA 22201-4795
Phone: (703) 525-4890
Fax: (703) 276-0793
Web: www.aami.org

ANSI
American National Standards Institute
25 West 43rd Street
4th Floor
New York, NY 10036
Phone: (212) 642-4980

ASABE
American Society of Agricultural and Biological Engineers
2950 Niles Road
St Joseph, MI 49085
Phone: (269) 932-7015
Fax: (269) 429-3852
Web: www.asabe.org

ASHRAE
American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
1791 Tullie Circle, NE
Atlanta, GA 30329
Phone: (678) 539-1159
Fax: (678) 539-2159
Web: www.ashrae.org

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

ASSE (Z590)
American Society of Safety Engineers
1800 East Oakton Street
Des Plaines, IL 60018-2187
Phone: (847) 768-3411
Fax: (847) 768-3411
Web: www.asse.org

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

AWWA
AWWA
6666 W. Quincy Avenue
Denver, CO 80235
Phone: (303) 347-6178
Fax: (303) 795-7603
Web: www.awwa.org/asp/default.asp

comm2000
1414 Brook Drive
Downers Grove, IL 60515

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

IIAR
International Institute of Ammonia Refrigeration
1110 North Glebe Rd. Ste 250
Arlington, VA 22201
Phone: (703) 312-4200
Fax: 703-312-0065
Web: www.iiar.org

NECA
National Electrical Contractors Association
3 Bethesda Metro Center
Suite 1100
Bethesda, MD 20814
Phone: (301) 215-4504
Fax: (301) 215-4500
Web: www.necanet.org

NEMA (ASC C78)
National Electrical Manufacturers Association
1300 North 17th Street, Suite 1847
Rosslyn, VA 22209
Phone: (703) 841-3277
Fax: (703) 841-3377
Web: www.nema.org

PRCA
Professional Ropes Course Association
6260 East Riverside Boulevard
#104
Rockford, IL 61114
Phone: (815) 986-7776
Fax: (815) 637-2964
Web: www.prcainfo.org/;
info@prcainfo.org

SPRI
Single Ply Roofing Institute
411 Waverley Oaks Road
Suite 331B
Waltham, MA 02452
Phone: (781) 647-7026
Fax: (781) 647-7222
Web: www.spri.org

UAMA (ASC B74)
Unified Abrasive Manufacturers' Association
30200 Detroit Road
Cleveland, OH 44145-1967
Phone: (440) 899-0010
Fax: (440) 892-1404

Send comments to:

AAMI
Association for the Advancement of Medical Instrumentation

1110 N Glebe Road

Suite 220
Arlington, VA 22201-4795
Phone: (703) 525-4890
Fax: (703) 276-0793
Web: www.aami.org

ASABE
American Society of Agricultural and Biological Engineers

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

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

1791 Tullie Circle, NE
Atlanta, GA 30329
Phone: (678) 539-1159
Fax: (678) 539-2159
Web: www.ashrae.org

ASME
American Society of Mechanical Engineers

Three Park Avenue, M/S 20N1
New York, NY 10016
Phone: (212) 591-8460
Fax: (212) 591-8501
Web: www.asme.org

ASSE (Z590)
American Society of Safety Engineers

1800 East Oakton Street
Des Plaines, IL 60018-2187
Phone: (847) 768-3411
Fax: (847) 768-3411
Web: www.asse.org

ASTM
ASTM International

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

AWWA
AWWA

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Denver, CO 80235
Phone: (303) 347-6178
Fax: (303) 795-7603
Web: www.awwa.org/asp/default.asp

IIAR
International Institute of Ammonia Refrigeration

1110 North Glebe Rd. Ste 250
Arlington, VA 22201
Phone: (703) 703-312-4200
Fax: 703-312-0065
Web: www.iiar.org

ITI (INCITS)
InterNational Committee for Information Technology Standards

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

NECA
National Electrical Contractors Association

3 Bethesda Metro Center
Suite 1100
Bethesda, MD 20814
Phone: (301) 215-4504
Fax: (301) 215-4500
Web: www.necanet.org

NEMA (ASC C78)
National Electrical Manufacturers Association

1300 North 17th Street, Suite 1847
Rosslyn, VA 22209
Phone: (703) 841-3277
Fax: (703) 841-3377
Web: www.nema.org

NGA
National Glass Association

8200 Greensboro Drive #302
McLean, VA 22102-3881
Phone: (703) 442-4890 or (850) 932-1405
Fax: (703) 442-0630
Web: www.glass.org

NSF
NSF International

789 Dixboro Road
Ann Arbor, MI 48105
Phone: (734) 827-5676
Fax: (734) 827-7880
Web: www.nsf.org

PRCA
Professional Ropes Course Association

6260 East Riverside Boulevard #104
Rockford, IL 61114
Phone: (815) 986-7776
Fax: (815) 637-2964
Web: www.prcainfo.org/; info@prcainfo.org

SCTE
Society of Cable Telecommunications Engineers

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

SPRI
Single Ply Roofing Institute

411 Waverley Oaks Road
Suite 331B
Waltham, MA 02452
Phone: (781) 647-7026
Fax: (781) 647-7222
Web: www.spri.org

UAMA (ASC B74)
Unified Abrasive Manufacturers' Association

30200 Detroit Road
Cleveland, OH 44145-1967
Phone: (440) 899-0010
Fax: (440) 892-1404

UL
Underwriters Laboratories, Inc.

455 E. Trimble Rd.
San Jose, CA 95131-1230
Phone: (408) 754-6656
Fax: (408) 689-6656
Web: www.ul.com/

Call for Members (ANS Consensus Bodies)

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

AAMI (Association for the Advancement of Medical Instrumentation)

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

Contact: *Jennifer Moyer*

Phone: (703) 525-4890

Fax: (703) 276-0793

E-mail: jmoyer@aami.org; hchoe@aami.org

BSR/AAMI/ISO 12962-201x, Implants for surgery - Active implantable medical devices - Pacemaker magnet mode response (identical national adoption of ISO/WD 12962 [in development])

ACCT (Association for Challenge Course Technology)

Office: P.O. Box 47
Deerfield, IL 60015

Contact: *Sylvia Dresser*

Phone: (847) 945-0829

Fax: (847) 325-5864

E-mail: sylvia@acctinfo.org

BSR/ACCT 07-201x, Challenge Course and Canopy/Zip Line Tour Standards (new standard)

ASNT (American Society for Nondestructive Testing)

Office: 1711 Arlingate Lane
P.O. Box 28518
Columbus, OH 43228-0518

Contact: *Charles Longo*

Phone: (800) 222-2768 ext 219

Fax: (614) 274-6003

E-mail: clongo@asnt.org

BSR/ASNT ILI-PQ-2005 (R201x), In-Line Inspection Personnel Qualification and Certification (reaffirmation of ANSI/ASNT ILI-PQ-2005)

HI (Hydraulic Institute)

Office: 6 Campus Drive, 1st Fl North
Parsippany, NJ 07054

Contact: *Gregory Romanyshyn*

Phone: (973) 267-9700

Fax: (973) 267-9055

E-mail: gromanyshyn@pumps.org

BSR/HI 9.6.7-201x, Effects of Liquid Viscosity on Rotodynamic Pump Performance (revision of ANSI/HI 9.6.7-2004)

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

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

Contact: *Barbara Bennett*

Phone: (202) 626-5743

Fax: (202) 638-4922

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

BSR INCITS 388-201x, Information technology - Storage management (revision of ANSI INCITS 388-2008)

BSR INCITS 466-201x, Information technology - Single Byte Command Code Sets Mapping Protocol - 4 (FC-SB-4) (new standard)

INCITS/ISO/IEC 14772-1-1997 (R201x), Information Technology - Computer Graphics and Image Processing - The Virtual Reality Modeling Language - Part 1: Functional Specification and UTF-8 Encoding (reaffirmation of INCITS/ISO/IEC 14772-1-1997 (R2004))

INCITS/ISO/IEC 14772-2-2004 (R201x), Information Technology - Computer graphics and image processing - The Virtual Reality Modeling Language (VRML) - Part 2: External authoring interface (EAI) (reaffirmation of INCITS/ISO/IEC 14772-2-2004 (R2009))

INCITS/ISO/IEC 14772-1-1997/AM1-2004 (R201x), Information Technology- Computer graphics and image processing - The Virtual Reality Modeling Language - Part 1: Functional specification and UTF-8 encoding - Amendment 1: Enhanced interoperability (reaffirmation of INCITS/ISO/IEC 14772-1-1997/AM1-2004 (R2009))

INCITS/ISO/IEC 15948-2009 (R201x), Information Technology - Computer graphics and image processing - Portable Network Graphics (PNG): Functional specification (reaffirmation of INCITS/ISO/IEC 15948-2009)

NGA (National Glass Association)

Office: 176 Red Haven Road
New Cumberland, PA 17070

Contact: *Margaret McKim*

Phone: (717) 932-6885

Fax: (717) 932-6885

E-mail: pegm@ptd.net

BSR/NGA R1.1-201x, Repair of Laminated Automotive Glass Standard (ROLAGS) (revision of ANSI/NGA R1.1-2007)

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

Office: 30200 Detroit Road
Cleveland, OH 44145-1967

Contact: *J. Jeffrey Wherry*

Phone: (440) 899-0010

Fax: (440) 892-1404

E-mail: jjw@wherryassoc.com; djh@wherryassoc.com

BSR B74.20-2004 (R201x), Specification for Diamond and CBN Powders in Sub-Sieve Sizes (reaffirmation of ANSI B74.20-2004)

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.

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoptions

ANSI/AAMI/ISO 14937-2009, Sterilization of Health Care Products - General Requirements for Characteristics of a Sterilizing Agent and the Development, Validation and Routine Control of a Sterilization Process (identical national adoption of ISO 14937): 10/27/2009

ANS (American Nuclear Society)

Reaffirmations

ANSI/ANS 14.1-2004 (R2009), Operation of Fast Pulse Reactors (reaffirmation of ANSI/ANS 14.1-2004): 10/27/2009

API (American Petroleum Institute)

New National Adoptions

ANSI/API RP 5A3/ISO 13678, 3rd Edition-2009, Recommended Practice on Thread Compounds for Use with Casing, Tubing, Line Pipe and Drill Stem Elements (identical national adoption of ISO 13678): 10/27/2009

ASA (ASC S12) (Acoustical Society of America)

Reaffirmations

ANSI S12.53 /Part 2-1999 (R2009)/ISO 3743-2-1994 (R2009), Acoustics - Determination of sound power levels of noise sources using sound pressure - Engineering methods for small, movable sources in reverberant fields - Part 2: Methods for special reverberation test rooms (reaffirmation and redesignation of ANSI S12.53/ Part 2-1999/ISO 3743-2-1994 (R2004)): 10/27/2009

ASSE (ASC Z359) (American Society of Safety Engineers)

Revisions

ANSI/ASSE Z359.0-2009, Definitions and Nomenclature Used for Fall Protection and Fall Arrest (revision and redesignation of ANSI/ASSE Z359.0-2007): 10/27/2009

AWS (American Welding Society)

New Standards

ANSI/AWS C4.1-2009, Criteria for Describing Oxygen-Cut Surfaces (new standard): 10/29/2009

CSA (CSA America, Inc.)

Revisions

ANSI Z21.13-2009, Gas-Fired Low Pressure Steam and Hot Water Boilers (same as CSA 4.9) (revision of ANSI Z21.13-2004): 10/30/2009

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

New National Adoptions

INCITS/ISO/IEC 11693-2009, Information technology - Identification cards - Optical memory cards - General characteristics (identical national adoption and revision of INCITS/ISO/IEC 11693-2000 (R2005)): 10/27/2009

INCITS/ISO/IEC 11694-1-2009, Information technology - Identification cards - Optical memory cards - Linear recording method - Part 1: Physical characteristics (identical national adoption and revision of INCITS/ISO/IEC 11694-1-2000 (R2005)): 10/27/2009

INCITS/ISO/IEC 11694-2-2009, Information technology - Identification cards - Optical memory cards - Linear recording method - Part 2: Dimensions and location of the accessible optical area (identical national adoption and revision of INCITS/ISO/IEC 11694-2-2000 (R2005)): 10/27/2009

MHI (Material Handling Industry)

New Standards

ANSI MH28.3-2009, Design, Manufacture, and Installation of Industrial Steel Work Platforms (new standard): 10/27/2009

NAAMM (National Association of Architectural Metal Manufacturers)

Revisions

ANSI/NAAMM MBG 532-2009, Heavy Duty Metal Bar Grating Manual (revision of ANSI/NAAMM MBG 532-00): 10/27/2009

NCEES (National Council of Examiners for Engineering and Surveying)

New Standards

ANSI/NCEES MLS 2-2009, Standards for Licensure as a Model Law Surveyor (new standard): 10/27/2009

NCPDP (National Council for Prescription Drug Programs)

Revisions

ANSI/NCPDP FIR V1.1-2009, Financial Information Reporting Standard Version 1.1 (revision and redesignation of ANSI/NCPDP FIR V1.0-2008): 10/27/2009

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

Reaffirmations

ANSI B74.3-2003 (R2009), Specification for Shapes and Sizes of Diamond or CBN Abrasive Products (reaffirmation of ANSI B74.3-2003): 10/29/2009

Revisions

ANSI B74.12-2009, Specifications for the Size of Abrasive Grain - Grinding Wheels, Polishing and General Industrial Uses (revision of ANSI B74.12-2001): 10/27/2009

UL (Underwriters Laboratories, Inc.)

Reaffirmations

ANSI/UL 1598A-2005 (R2009), Standard for Supplemental Requirements for Luminaires for Installation on Marine Vessels (reaffirmation of ANSI/UL 1598A-2005): 10/26/2009

ANSI/UL 1659-2005 (R2009), Standard for Safety for Attachment Plug Blades for Use in Cord Sets and Power-Supply Cords (reaffirmation of ANSI/UL 1659-2005): 10/30/2009

Revisions

ANSI/UL 514A-2007 (R2009), Standard for Safety Metallic Outlet Boxes (revision of ANSI/UL 514A-2007): 10/27/2009

ANSI/UL 1203-2009, Standard for Safety for Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations (revision of ANSI/UL 1203-2006): 10/28/2009

VC (ASC Z80) (The Vision Council)

Revisions

ANSI Z80.10-2009, Ophthalmic Instruments - Tonometers (revision of ANSI Z80.10-2003): 10/30/2009

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.

API (American Petroleum Institute)

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

Contact: *Shail Ghaey*

Fax: (202) 682-8051

E-mail: ghaeys@api.org

BSR/API RP 13B-2, 5th Ed./ISO 10414-2-201x, Recommended Practice for Field Testing Oil-based Drilling Fluids (identical national adoption of ISO 10414-2)

Stakeholders: Manufacturers, users, operators of drilling fluids.

Project Need: To maintain the new edition of current document and reduce the number of multiple documents on the same topic.

Provides standard procedures for determining characteristics of oilbased drilling fluids.

BSR/API Spec 10A, 24th Ed./ISO 10426-1-201x, Specification for Cements and Materials for Well Cementing (identical national adoption of ISO 10426-1)

Stakeholders: Users, manufacturers, operators of well cements.

Project Need: To maintain the new edition of current document and reduce the number of multiple documents on the same topic.

Specifies requirements and gives recommendations for six classes of well cements, including their chemical and physical requirements and procedures for physical testing.

ASNT (American Society for Nondestructive Testing)

Office: 1711 Arlingate Lane
P.O. Box 28518
Columbus, OH 43228-0518

Contact: *Charles Longo*

Fax: (614) 274-6003

E-mail: clongo@asnt.org

BSR/ASNT ILI-PQ-2005 (R201x), In-Line Inspection Personnel Qualification and Certification (reaffirmation of ANSI/ASNT ILI-PQ-2005)

Stakeholders: Oil & gas, environmental, government.

Project Need: To provide a standard procedure for the qualification and certification of personnel using in-line inspection technologies on oil and gas pipelines.

Provides a standard means for employers to qualify and certify nondestructive testing personnel using in-line inspection technologies on oil and gas pipelines to include levels of qualification, education, training,experience requirements, examinations, certifications, and recertification.

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 WK26073-201x, New Test Method for Performance of Cook-and-Hold Ovens (new standard)

Stakeholders: Productivity and energy protocol industry.

Project Need: http://www.astm.org/DATABASE.CART/WORKITEMS/WK26073.htm

http://www.astm.org/DATABASE.CART/WORKITEMS/WK26073.htm

BSR/ASTM WK26086-201x, New Practice for Extension of Data for Penetrations Seals (new standard)

Stakeholders: Fire standards industry.

Project Need: http://www.astm.org/DATABASE.CART/WORKITEMS/WK26086.htm

http://www.astm.org/DATABASE.CART/WORKITEMS/WK26086.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 America 62282-3-1-201x, Stationary Fuel Cell Power Systems - Safety (national adoption with modifications of IEC 62282-3-1)

Stakeholders: Consumers, manufacturers, gas suppliers, and certifying agencies.

Project Need: To permit the national adoption of an international standard.

Applies to stationary packaged, self-contained fuel-cell power systems or fuel\-cell power systems comprised of factory-matched packages of integrated systems that generate electricity through electrochemical reactions. Is a product safety standard suitable for conformity assessment.

BSR/CSA America ISO 16110-1-201x, Hydrogen generators using fuel processing technologies - Part 1: Residential (national adoption with modifications of ISO 16110-1)

Stakeholders: Consumers, manufacturers, gas suppliers, and certifying agencies.

Project Need: To permit the national adoption of an international standard.

Applies to packaged, self-contained or factory-matched hydrogen generation systems with a capacity of less than 400 m3/h at 0 C and 101,325 kPa that convert an input fuel to a hydrogen-rich stream of composition and conditions suitable for the type of device using the hydrogen (e.g., a fuel-cell power system or a hydrogen compression, storage and delivery system). This standard is applicable to stationary hydrogen generators intended for indoor and outdoor commercial, industrial, light industrial, and residential use.

BSR/CSA America ISO 16110-2-201x, Hydrogen generators using fuel processing technologies - Part 2: Test methods for performance (national adoption with modifications of ISO 16110-2)

Stakeholders: Consumers, manufacturers, gas suppliers, and certifying agencies.

Project Need: To permit the national adoption of an international standard.

Provides the test methods for performance of packaged, self-contained or factory-matched hydrogen generation systems with a capacity of less than 400 m3/h at 0 C and 101,325 kPa that convert an input fuel to a hydrogen-rich stream of composition and conditions suitable for the type of device using the hydrogen (e.g., a fuel-cell power system or a hydrogen compression, storage and delivery system).

BSR/CSA America ISO 22734-1-201x, Hydrogen generators using water electrolysis process - Part 1: Industrial and commercial applications (national adoption with modifications of ISO 22734-1)

Stakeholders: Consumers, manufacturers, gas suppliers, and certifying agencies.

Project Need: To permit the national adoption of an international standard.

Defines the construction, safety and performance requirements of packaged or factory matched hydrogen gas generation appliances using electrochemical reactions to electrolyze water to produce hydrogen and oxygen gas. This standard is applicable to hydrogen generators intended for indoor and outdoor commercial and industrial use (non-residential use).

BSR/CSA America ISO 22734-2-201x, Hydrogen generators using water electrolysis process - Part 2: Residential applications (national adoption with modifications of ISO 22734-2)

Stakeholders: Consumers, manufacturers, gas suppliers, and certifying agencies.

Project Need: To permit the national adoption of an international standard.

Defines the construction, safety and performance requirements of packaged or factory-matched hydrogen gas generation appliances using electrochemical reactions to electrolyze water to produce hydrogen and oxygen gas. This standard is applicable to hydrogen generators intended for indoor and outdoor residential use.

BSR/CSA HGV 4.12-201x, Fueling for Powered Industrial Trucks (new standard)

Stakeholders: Consumers, manufacturers, gas suppliers, and certifying agencies.

Project Need: Industry expressed need - No national standard

This standard provides requirements for fueling of powered industrial truck applications.

BSR/CSA HGV 5-201x, Compressed Hydrogen Gas Powered Industrial Truck - Fuel On-board Components (new standard)

Stakeholders: Consumers, manufacturers, gas suppliers, and certifying agencies.

Project Need: Standard needed for safety.

Provides requirements for the material, design, manufacture, and testing of serially produced components intended for installation on powered industrial truck applications.

EIA (Electronic Industries Alliance)

Office: 2500 Wilson Boulevard
Suite 310
Arlington, VA 22201

Contact: *Cecelia Yates*

Fax: (703) 875-8908

E-mail: cyates@ecaus.org

BSR/EIA 364-25D-201x, Probe Damage Test Procedure for Electrical Connectors (revision of ANSI/EIA 364-25C-2009)

Stakeholders: Electrical, electronics and telecommunications

Project Need: To update and clarify the test procedure.

Establishes a test method to be followed for probe damage testing; intended primarily for round socket contacts in electrical connectors and possibly applicable to other type contacts as well.

HI (Hydraulic Institute)

Office: 6 Campus Drive, 1st Fl North
Parsippany, NJ 07054

Contact: *Gregory Romanyshyn*

Fax: (973) 267-9055

E-mail: gromanyshyn@pumps.org

BSR/HI 9.6.7-201x, Effects of Liquid Viscosity on Rotodynamic Pump Performance (revision of ANSI/HI 9.6.7-2004)

Stakeholders: Pump manufacturers, specifiers, purchasers, and

Project Need: To improve usability and accuracy of the mathematical methodology.

Covers the performance correction of rotodynamic (centrifugal and vertical) pumps handling liquids exhibiting Newtonian-like characteristics with a viscosity greater than that of water. The standard includes a generalized method for predicting the performance of rotodynamic pumps. Theoretical methods based on loss analysis may provide more accurate predictions of the effects of liquid viscosit on pump performance when he geometry of a particular pump is known in more detail.

SPRI (Single Ply Roofing Institute)

Office: 411 Waverley Oaks Road, Suite 331B
Waltham, MA 02452

Contact: *Linda King*

Fax: (781) 647-7222

E-mail: info@spri.org

BSR/SPRI IA-1-201x, Standard Field Test Procedure for Determining the Mechanical Uplift Resistance of Insulation Adhesives over Various Substrates (revision of ANSI/SPRI IA-1-2005)

Stakeholders: Building owners, architects, engineers, roofing consultants, roofing contractors.

Project Need: To revise and re-approve the existing standard.

Specifies a field-testing procedure to determine the mechanical uplift resistance of a specific roof insulation/adhesive combination. This testing procedure encompasses various types of insulation adhesives, substrates and insulations.

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.

FLUID POWER SYSTEMS (TC 131)

ISO/DIS 4397, Fluid power systems and components - Connectors and associated components - Nominal outside diameters of tubes and nominal hose sizes - 2/1/2010, $33.00

GRAPHIC TECHNOLOGY (TC 130)

ISO/DIS 12643-3, Graphic technology - Safety requirements for graphic technology equipment and systems - Part 3: Binding and finishing equipment and systems - 1/29/2010, $125.00

ISO/DIS 12643-5, Graphic technology - Safety requirements for graphic technology equipment and systems - Part 5: Stand-alone platen presses - 1/29/2010, $53.00

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

ISO 13500/DAmd1, New Clause 20 - Barite 4.10 - 1/28/2010, $58.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO/DIS 7626-1, Vibration and shock - Experimental determination of mechanical mobility - Part 1: Basic definitions and transducers - 2/1/2010, $98.00

NUCLEAR ENERGY (TC 85)

ISO/DIS 11311, Nuclear energy - Criticality safety - Critical values for homogeneous plutonium-uranium oxide fuel mixtures outside of reactors - 1/29/2010, $62.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO/DIS 8598-1, Optics and optical instruments - Focimeters - Part 1: General purpose instruments - 1/28/2010, $88.00

POWDER METALLURGY (TC 119)

ISO/DIS 3923-2, Metallic powders - Determination of apparent density - Part 2: Scott volumeter method - 2/1/2010, $40.00

ROLLING BEARINGS (TC 4)

ISO/DIS 5753-2, Rolling bearings - Internal clearance - Part 2: Axial internal clearance for four-point-contact ball bearings - 1/28/2010, $29.00

STEEL (TC 17)

ISO/DIS 15698-1, Steel for the reinforcement of concrete - Headed bars - Part 1: Requirements - 1/30/2010, $71.00

ISO/DIS 15698-2, Steel for the reinforcement of concrete - Headed bars - Part 2: Test methods - 1/30/2010, $67.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/DIS 12855, Electronic fee collection - Information exchange between service provision and toll charging - 1/28/2010, $165.00

Newly Published ISO and IEC Standards

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

ISO Standards

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 712:2009, Cereals and cereal products - Determination of moisture content - Reference method, $86.00

CORROSION OF METALS AND ALLOYS (TC 156)

ISO 8407:2009, Corrosion of metals and alloys - Removal of corrosion products from corrosion test specimens, $57.00

FASTENERS (TC 2)

ISO 3506-1:2009, Mechanical properties of corrosion-resistant stainless steel fasteners - Part 1: Bolts, screws and studs, $116.00

ISO 3506-2:2009, Mechanical properties of corrosion-resistant stainless steel fasteners - Part 2: Nuts, $104.00

ISO 3506-3:2009, Mechanical properties of corrosion-resistant stainless steel fasteners - Part 3: Set screws and similar fasteners not under tensile stress, $92.00

ISO 3506-4:2009, Mechanical properties of corrosion-resistant stainless steel fasteners - Part 4: Tapping screws, $92.00

NON-DESTRUCTIVE TESTING (TC 135)

ISO 12706:2009, Non-destructive testing - Penetrant testing - Vocabulary, $65.00

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

ISO 12162:2009, Thermoplastics materials for pipes and fittings for pressure applications - Classification, designation and design coefficient, $57.00

PLASTICS (TC 61)

ISO 8986-1:2009, Plastics - Polybutene-1 (PB-1) moulding and extrusion materials - Part 1: Designation system and basis for specifications, $49.00

ISO 8986-2:2009, Plastics - Polybutene-1 (PB-1) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties, $49.00

QUALITY MANAGEMENT AND QUALITY ASSURANCE (TC 176)

ISO 9004:2009, Managing for the sustained success of an organization - A quality management approach, $149.00

ROAD VEHICLES (TC 22)

ISO 6550-4:2009, Road vehicles - Sheath-type glow-plugs with conical seating and their cylinder head housing - Part 4: M8 x 1 glow-plugs, $65.00

TERMINOLOGY (PRINCIPLES AND COORDINATION) (TC 37)

ISO 704:2009, Terminology work - Principles and methods, $167.00

THERMAL INSULATION (TC 163)

ISO 10077-1/Cor1:2009, Thermal performance of windows, doors and shutters - Calculation of thermal transmittance - Part 1: Simplified method - Corrigendum, FREE

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO 10975:2009, Tractors and machinery for agriculture - Auto-guidance systems for operator-controlled tractors and self-propelled machines - Safety requirements, $49.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO 25111:2009, Intelligent transport systems - Communications access for land mobiles (CALM) - General requirements for using public networks, $92.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 9594-1:2009, Information technology - Open Systems Interconnection - The Directory: Overview of concepts, models and services, $104.00

ISO/IEC 9594-2:2009, Information technology - Open Systems Interconnection - The Directory: Models, $263.00

ISO/IEC 9594-3:2009, Information technology - Open Systems Interconnection - The Directory: Abstract service definition, $193.00

ISO/IEC 9594-4:2009, Information technology - Open Systems Interconnection - The Directory: Procedures for distributed operation, $206.00

ISO/IEC 9594-5:2009, Information technology - Open Systems Interconnection - The Directory: Protocol specifications, $193.00

ISO/IEC 9594-6:2009, Information technology - Open Systems Interconnection - The Directory: Selected attribute types, $180.00

ISO/IEC 9594-7:2009, Information technology - Open Systems Interconnection - The Directory: Selected object classes, $110.00

ISO/IEC 9594-8:2009, Information technology - Open Systems Interconnection - The Directory: Public-key and attribute certificate frameworks, $235.00

ISO/IEC 9594-10:2009, Information technology - Open Systems Interconnection - The Directory: Use of systems management for administration of the Directory, $180.00

ISO/IEC 19794-5/Amd2:2009, Information technology - Biometric data interchange formats - Part 5: Face image data - Amendment 2: Three-dimensional face image data interchange format, $129.00

IEC Standards

DEGREES OF PROTECTION BY ENCLOSURES (TC 70)

IEC 60529 Ed. 2.0 b:1989, Degrees of protection provided by enclosures (IP Code), $158.00

ELECTRICAL EQUIPMENT IN MEDICAL PRACTICE (TC 62)

IEC 80601-2-35 Ed. 2.0 b:2009, Medical electrical equipment - Part 2-35: Particular requirements for the basic safety and essential performance of heating devices using blankets, pads and mattresses and intended for heating in medical use, $235.00

ELECTRICAL INSTALLATIONS OF BUILDINGS (TC 64)

IEC 60364-5-52 Ed. 3.0 b:2009, Low-voltage electrical installations - Part 5-52: Selection and erection of electrical equipment - Wiring systems, $250.00

ELECTROMAGNETIC COMPATIBILITY (TC 77)

IEC 61000-4-5 Ed. 2.0 b Cor.1:2009, Corrigendum 1 - Electromagnetic compatibility (EMC) - Part 4-5: Testing and measurement techniques - Surge immunity test, $0.00

IEC 61000-4-7 Ed. 2.1 b:2009, Electromagnetic compatibility (EMC) - Part 4-7: Testing and measurement techniques - General guide on harmonics and interharmonics measurements and instrumentation, for power supply systems and equipment connected thereto, $204.00

IEC 61000-4-34 Amd.1 Ed. 1.0 b Cor.1:2009, Corrigendum 1 - Amendment 1 - Electromagnetic compatibility (EMC) - Part 4-34: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests for equipment with mains current more than 16 A per phase, $0.00

LASER EQUIPMENT (TC 76)

IEC 60825-4 Ed. 2.1 b:2009, Safety of laser products - Part 4: Laser guards, $286.00

NUCLEAR INSTRUMENTATION (TC 45)

IEC 61500 Ed. 2.0 b:2009, Nuclear power plants - Instrumentation and control important to safety - Data communication in systems performing category A functions, $77.00

ROTATING MACHINERY (TC 2)

IEC 60034-22 Ed. 2.0 b:2009, Rotating electrical machines - Part 22: AC generators for reciprocating internal combustion (RIC) engine driven generating sets, $97.00

SECONDARY CELLS AND BATTERIES (TC 21)

IEC 60095-2 Ed. 4.0 b:2009, Lead-acid starter batteries - Part 2: Dimensions of batteries and dimensions and marking of terminals, $179.00

SWITCHGEAR AND CONTROLGEAR (TC 17)

IEC/TR 62271-208 Ed. 1.0 b:2009, High-voltage switchgear and controlgear - Part 208: Methods to quantify the steady state, power-frequency electromagnetic fields generated by HV switchgear assemblies and HV/LV prefabricated substations, $179.00

TOOLS FOR LIVE WORKING (TC 78)

IEC 60855-1 Ed. 1.0 b:2009, Live working - Insulating foam-filled tubes and solid rods - Part 1: Tubes and rods of a circular cross-section, $143.00

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.

Standards Redesignations

ATIS

ANSI ATIS 0300333-2007

Alliance for Telecommunications Industry Solutions (ATIS) has re-designated ANSI ATIS 0300333-2007 as ANSI ATIS 0600333-2007.

INCITS

BSR INCITS PN-1611-201x

BSR INCITS PN-1611-201x had a typo in the designation in the PINS section of the 10/16/2009 Standards Action. The correct designation is: BSR INCITS 467-201x, Information technology - SCSI Stream Commands - 3 (SSC-3).

ANSI Accredited Standards Developers

Administrative Reaccreditation

The MedBiquitous Consortium

The MedBiquitous Consortium, a full ANSI organizational member since 2003, has been administratively reaccredited at the direction of ANSI's Executive Standards Council, under operating procedures revised to bring the document into compliance with the 2009 version of the ANSI Essential Requirements, effective October 28, 2009. For additional information, please contact: Ms. Valerie Smothers, Deputy Director, MedBiquitous, 401 E. Pratt Street, Suite 1700, Baltimore, MD 21202; PHONE: (410) 385-2367, ext. 131; FAX: (410) 385-6055; E-mail: vsmothers@medbiq.org.

Approval of Accreditation

National Fenestration Rating Council (NFRC)

ANSI's Executive Standards Council has approved the National Fenestration Rating Council (NFRC), a full ANSI Organizational Member, as an ANSI Accredited Standards Developer (ASD) under its proposed operating procedures for documenting consensus on proposed American National Standards, effective November 4, 2009. For additional information, please contact: Mr. Ray McGowan, Senior Research and Technology Manager, National Fenestration Rating Council, 6305 Ivy Lane, Suite 140, Greenbelt, MD 20770-6323; PHONE: (240) 821-9510; E-mail: rmcgowan@nfrc.org.

Change in Scope of Accreditation

Business and Institutional Furniture Manufacturers Association (BIFMA)

The Business and Institutional Furniture Manufacturers Association (BIFMA) has advised ANSI of a change to its scope of accreditation on file (Office Furnishings). BIFMA's updated scope of accreditation is as follows:

BIFMA develops safety and performance standards for furniture and related products, including but not limited to, seating products, workstation systems, workstation components, individual furniture items, desks, tables, desking systems, casegoods, files, storage products, carts, bookcases, shelves, drawers, locks, doors, panel systems, moveable walls, demountable walls, freestanding furniture, cabinets, lighting, and accessories intended for commercial office, home office, residential and institutional (including but not limited to healthcare, hospitality and educational) environments.

BIFMA standards may address multiple attributes, including but not limited to, human and ecosystem health, safety, durability, reliability, quality, sustainability, recyclability, recycled content, chemical content, chemical emissions, flammability, electrical properties, material efficiency, energy efficiency, social responsibility, design for the environment, climate neutral materials, waste management, water management, embodied energy, green-house-gases, renewable energy, manufacturing process chemicals, hazardous waste, air emissions, stability, strength, structure, transportation, shipping, and packaging.

BIFMA standards may also address manufacturer and supplier practices of operation related to the above attributes within facilities of operation, laboratory equipment, testing methods, acceptance criteria, determinations of compliance, frequency of testing, and other related aspects.

For additional information, please contact: Mr. Richard Driscoll, Director of Technical Services, BIFMA International, 678 Front Avenue NW, Suite 150, Grand Rapids, MI 49504-5368; PHONE: (616) 285-3963; FAX: (616) 285-3765; E-mail: rdriscol@bifma.org.

Reaccreditation

Telecommunications Industry Association (TIA)

Comment Deadline: December 7, 2009

The Telecommunications Industry Association (TIA), a full ANSI Organizational Member, has submitted revisions to the operating procedures under which it was last reaccredited in 2002. As these revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of TIA's revised regulations, or to offer comments, please contact: Ms. Stephanie Montgomery, Director, Standards and Technology, TIA, 2500 Wilson Boulevard, Suite 300, Arlington, VA 22201; PHONE: (703) 907-7735; FAX: (703) 907-7727; E-mail: SMontgomery@tiaonline.org. You may view/download a copy of the revisions during the public review period at the following URL: http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fPublic%20Review%20and%20Comment%2fANS%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d. Please submit public comments to TIA by December 7, 2009, with a copy to the ExSC Recording Secretary in ANSI's New York Office (E-mail: Jthompso@ANSI.org).

ANSI Accreditation Program for Third Party Certification Agencies

Initial Accreditation

Eagle Food Registrations, Inc.

Comment Deadline: December 7, 2009

Eagle Food Registrations Inc.
Mr. Roger Roeth
40 N. Main St., Suite 2410
Dayton, OH 45423
PHONE: (937) 293-2000
FAX: (937)293-0220
E-mail: roger.roeth@eagleregistrations.com

On November 2, 2009, the ANSI Accreditation Committee (ACC) voted to approve initial accreditation for Eagle Food Registrations Inc. for the following scope:

SCOPE

SQF – The Safe Quality Food Program

SQF 2000 CODE: 6th Ed. Aug 2008

Please send your comments by December 7, 2009 to Reinaldo Balbino Figueiredo, Sr. Program Director, Product Certifier Accreditation, American National Standards Institute, 1819 L Street, NW, 6th Floor, Washington, DC 20036, Fax: (202) 293-9287 or E-mail: rfigueir@ansi.org, or Nikki Jackson, Program Manager, Product Certifier Accreditation, American National Standards Institute, 1819 L Street, NW, 6th Floor, Washington, DC 20036, FAX: (202) 293-9287 or E-mail: njackson@ansi.org.

Scope Extension

ICONTEC

Comment Deadline: December 7, 2009

ICONTEC
CARRERA 37 52 – 95
Bogotá, Colombia

ICONTEC, an ANSI accredited certification body has extended its scope of ANSI accreditation to include the following scope:

SCOPE(S)

- 43.040 Road Vehicle System (excluding 43.040.50 and 43.040.80)
- 55.100 Bottles, Pots, Jars
- 55.160 Cases, Boxes, Crates
- 71.060 Inorganic Chemicals
- 71.100 Products of the Chemicals Industry
- 75.100 Lubricants, Industrial Oils and Related Products
- 75.160 Fuels
- 83.160 Tyres

Please send your comments by December 7, 2009 to Reinaldo Balbino Figueiredo,

Sr. Program Director, Product Certifier Accreditation, American National Standards Institute, 1819 L Street, NW, 6th Floor, Washington, DC 20036, Fax: (202) 293-9287 or E-mail: rfigueir@ansi.org.

ANSI-ASQ National Accreditation Board (ANAB)

Public Comments Sought

Draft Revision of ANAB Accreditation Rule 29 on the Accreditation Program for the Aerospace ICOP Program – AS9100, AS9110, and AS 9120

Comment Deadline: December 6, 2009

Public comments are sought on the draft revision of ANAB Accreditation Rule 29 on the Accreditation Program for the Aerospace ICOP Program – AS9100, AS9110, and AS 9120. Interested parties are invited to logon to EQM at http://anab.remoteauditor.com/ to download the document and comment on ANAB Web ballot 794. (Note: A username and password are required. If you do not have a username and password for EQM, go to http://www.anab.org/UserRegistration/WebBallotUsers_Registration.aspx.) Please submit your comments by December 6, 2009.

International Electrotechnical Commision (IEC)

Revised Title and Scope Approved

IEC/TC 49

The IEC Standardization Management Board has approved a revised Title and Scope for IEC/TC 49.

Title: Piezoelectric, dielectric and electrostatic devices and associated materials for frequency control, selection and detection

Scope: To prepare international standareds for piezoelectric, dielectric and electrostatic devices for frequency control, selection and detection, such as resonators, filters, oscillators, sensors and their related products (excluding those piezoelectric transducers dealt with by TC 29 and TC 87 and active devices dealt with by SC 47F) and for the associated materials.

If anyone is interested in joining the USNC TAG in light of these changes, please contact the TAG Secretary at the E-Mail provided below.

Ms Cecelia M Yates
IEC/TC 49 TAG Secretary
EAC Engineering Services Administration
PHONE: 703 907 8026
FAX: 703 857 8908
E-Mail: eyates@ecaus.org

Meeting Notices

Green Building Initiative's Full Technical Committee

The next three meetings of the Green Building Initiative's Full Technical Committee have been scheduled to review and discuss comments from the Committee and the public regarding the GBI Proposed American National Standard 01-200XP: Green Building Assessment Protocol for Commercial Buildings. The following are the details of the meetings:

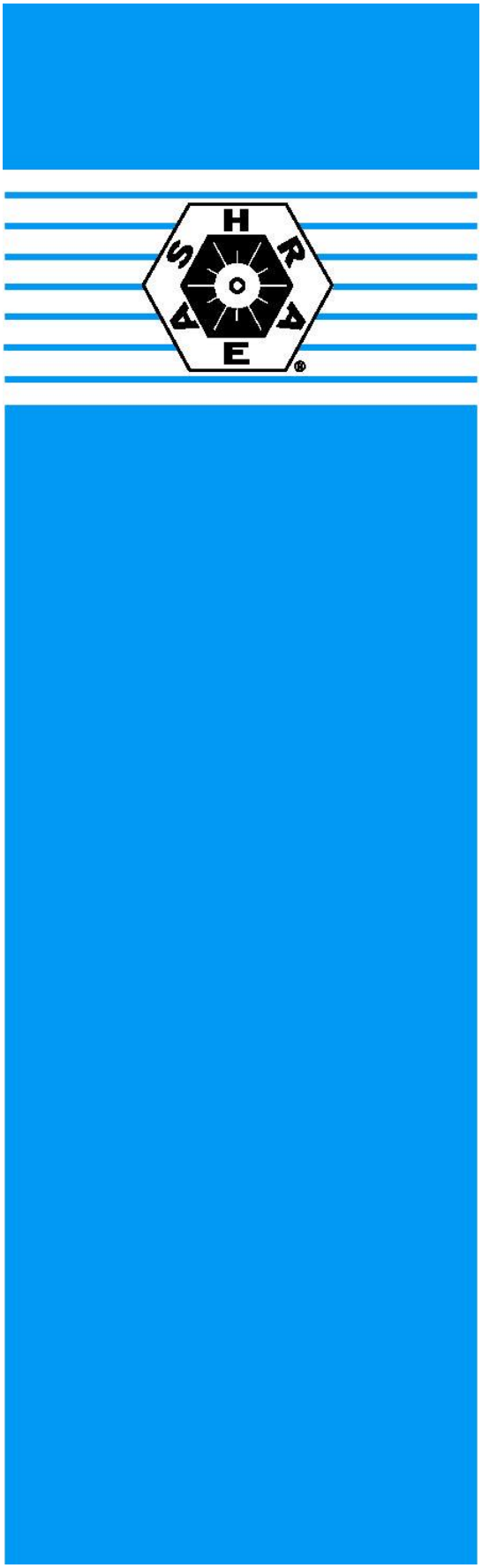
Full Technical Committee Meeting on GBI 01-200XP

December 1, 2009 – 1:00-4:00 pm EST

December 16, 2009 – 1:00-4:00 EST

December 17, 2009 – 1:00-4:00 EST

The meetings will be held by teleconference. The meetings are open to the public. Your pre-registration is requested. Please register with Sara Rademacher, Secretariat, at 207-236-2920 or sara@thegbi.org.



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

Public Review Draft

ASHRAE® Standard

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

Third Public Review – ISC (November 2009)
(Draft Shows Proposed Independent Substantive Changes to Previous Public Review Draft)

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed 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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1791 Tullie Circle, NE Atlanta GA 30329-2305

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FOREWORD

This modification has been made in order to resolve comments from the second public review on the modification to the Title, Purpose, and Scope of Standard 90.1

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

Addendum aq to 90.1-2007

Modify the Standard as follows (IP and SI units)

1. PURPOSE

To establish the minimum energy efficiency requirements of buildings, other than low rise residential buildings, for:

1. design, construction, and a plan for operation and maintenance, and
2. utilization of on-site, renewable energy resources

2. SCOPE

2.1 This standard provides:

a. minimum energy-efficient requirements for the design, construction, and a plan for operation and maintenance of:

1. new buildings and their systems
2. new portions of buildings and their systems
3. new systems and equipment in existing buildings
4. new equipment or building systems specifically identified in the standard that are part of industrial or manufacturing processes

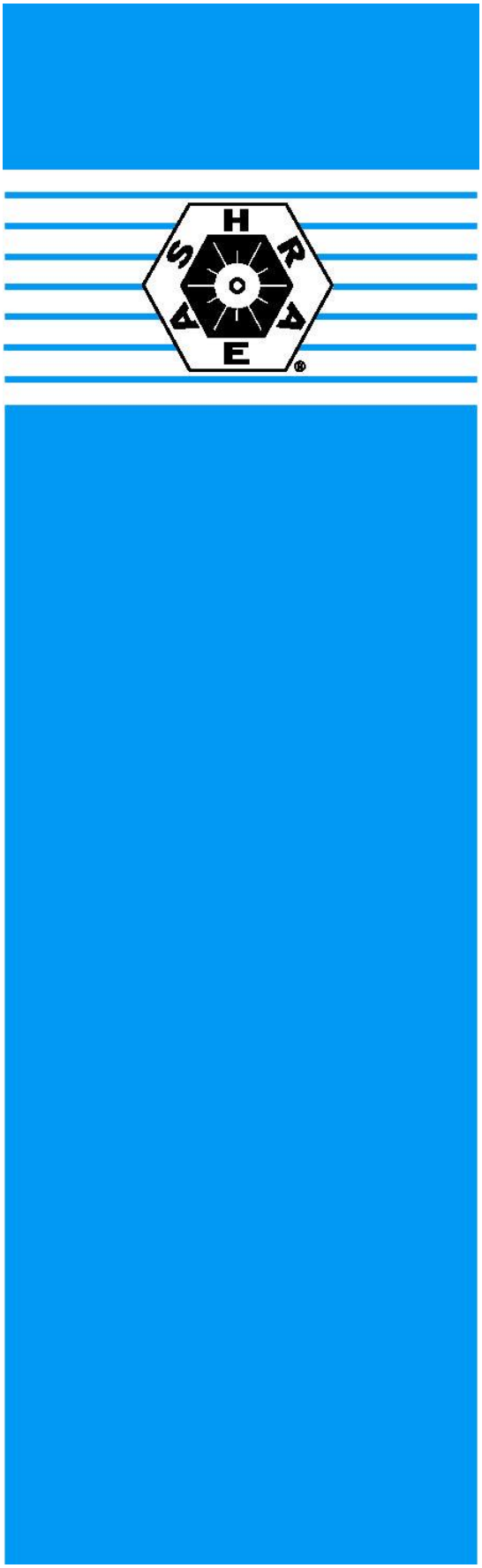
b. criteria for determining compliance with these requirements.

2.2 The provisions of this standard do not apply to:

a. single-family houses, multi-family structures of three stories or fewer above grade, manufactured houses (mobile homes), and manufactured houses (modular), or

b. buildings that use neither electricity nor fossil fuel.~~, or~~

~~c. equipment not listed in this standard and portions of building systems that are part of industrial or manufacturing processes, unless they are specifically identified in the standard.~~



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

Public Review Draft

ASHRAE® Standard

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

Second Public Review - ISC(November 2009)
(Draft Shows Proposed Independent Substantive Changes to Previous Public Review Draft)

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed 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).

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FOREWORD

This wording change clarifies the operation of occupancy sensor control and restricts the exemption of receptacles aimed at 24 hour intended to use to just those receptacles instead of entire spaces. These changes are relative to the first public review draft

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

Addendum bs to 90.1-2007

8.4.2 Automatic Receptacle Control

At least 50% of all 120 volt receptacles installed in an enclosed space, including those installed in modular partitions, shall be controlled by an *automatic control device* that shall function on:

a. a scheduled basis using a time-of-day operated control device that turns receptacles off at specific programmed times - an independent program schedule shall be provided for areas of no more than 25,000 ft2 but not more than one floor - or

b. an *occupant sensor* that shall turn receptacles off within 30 minutes of ~~an occupant~~ all occupants leaving a space or

c. a signal from another control or alarm system that indicates the area is unoccupied.

Exceptions: Receptacles for the following shall not require an *automatic control device:*

a. Receptacles specifically designated for equipment requiring 24 hour operation.
b. Spaces where patient care is rendered.
c. Spaces where an automatic shutoff would endanger the safety or security of the room or building occupant(s).
~~d. Spaces where all loads require 24 hour operation.~~

d. Corridors
e. Hotel and motel guest rooms
f. Restrooms

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

Public Review Draft

ASHRAE® Standard

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

First Public Review (November 2009)
(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).

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FOREWORD

This change closes a loophole in the fan power allowances for Variable Air Volume (VAV) systems. Standard VAV systems are multi-zone systems with terminal units containing control dampers to vary airflow to individual zones. Currently a higher fan power allowance is given to these systems based on the need to overcome the added pressure drop through these terminal units. A VAV system without terminal units (typically serving a single zone) does not need this added fan power allowance and should reasonably comply with the constant volume fan power requirements.

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.

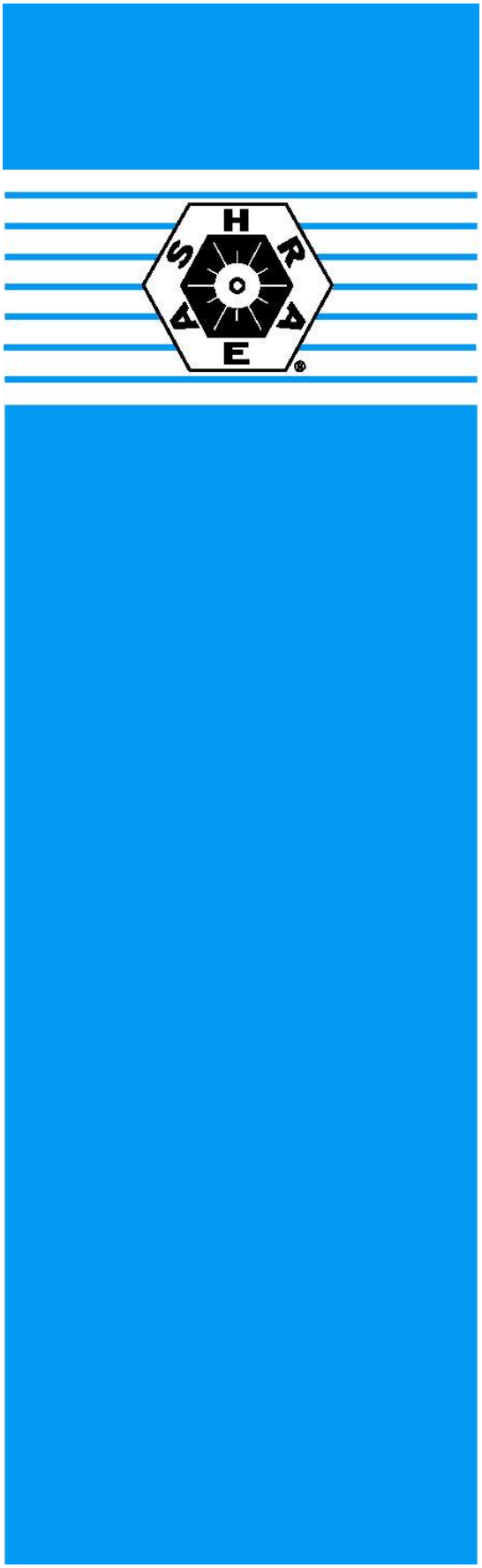
Addendum ca to 90.1-2007

Revise the Standard as follows (I-P units)

6.5.3.1.1 Each HVAC system at fan system design conditions shall not exceed the allowable *fan system motor nameplate hp* (Option 1) or *fan system bhp* (Option 2) as shown in Table 6.5.3.1.1A. This includes supply fans, return/relief fans, exhaust fans, and fan-powered terminal units associated with systems providing heating or cooling capability. Single zone variable-air-volume systems shall comply with the constant volume fan power limitation.

Revise the Standard as follows (S-I units)

6.5.3.1.1 Each HVAC system at fan system design conditions shall not exceed the allowable *fan system motor nameplate kW* (Option 1) or *fan system input kW* (Option 2) as shown in Table 6.5.3.1.1A. This includes supply fans, return/relief fans, exhaust fans, and fan-powered terminal units associated with systems providing heating or cooling capability. Single zone variable-air-volume systems shall comply with the constant volume fan power limitation.



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

Public Review Draft

ASHRAE® Standard

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

First Public Review (November 2009) (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).

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FOREWORD

T*his addendum includes a number of changes which are described below.*

1. ***Require simple systems to meet prescriptive outdoor air damper requirements.*** *This removes the damper requirements found in the Simplified Approach and instead requires simple systems to meet the shutoff damper requirements found in the Prescriptive Path, making these two approaches more consistent.*

2. ***Allows backdraft dampers only for exhaust and relief dampers in buildings less than three stories in height.*** *Currently, buildings less than 3 stories in height are allowed backdraft dampers since the temperature driven pressure differential (stack effect) is not great enough on a short building to open most backdraft dampers. This makes sense for exhaust and relief dampers which open outwards. However, outdoor air intake dampers open inwards and stack effect will not push the damper open. For this reason, it makes little sense to have a different requirement for outdoor air intakes on short buildings verses tall buildings. For a building of any height, wind can push open a gravity damper which opens inwards. and an automatic damper on an air intake will prevent that. Also, with a gravity damper on an outdoor air intake, whenever the HVAC system runs during night setback operation or morning warmup, the damper will be bringing in unneeded outdoor air. An automatic damper enables the outdoor air intake to be closed during morning warmup and night setback operation.*

3. ***Require backdraft dampers on outdoor air intakes to be protected from wind limiting wind blown infiltration through the damper****.*

4. ***Move climate zone 5a to the category of climates that require low leak dampers****. This change was justified by a cost effectiveness analysis.*

5. ***Correct a mistake in Table 6.4.3.4.4*** *During a previous revision to this table, a footnote allowing small dampers (less than 24 inches in any direction) in climate zones 1, 2, 5a, 6, 7, and 8 to have higher leakage rates was inadvertently dropped. This change fixes that mistake.*

6. ***Reformat the table 6.4.3.4.4 for clarity****.*

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 cb to 90.1-2007

Revise the Standard as follows (I-P units)

6.3 Simplified Approach Option for HVAC Systems

6.3.2 Criteria. The HVAC *system* must meet ALL of the following criteria:

c. The *system* shall have an air economizer where indicated in Table 6.5.1, with controls as indicated in Tables 6.5.1.1.3A and 6.5.1.1.3B and with either barometric or powered relief sized to prevent overpressurization of the building. Where the cooling *efficiency* meets or exceeds the *efficiency* requirement in Table 6.3.2, no economizer is required. ~~*Outdoor air* dampers for economizer use shall be provided with blade and jamb seals.~~

n. ~~Exhausts with a design capacity of over 300 cfm on *systems* that do not operate continuously shall be equipped with gravity or motorized dampers that will automatically shut when the *systems* are not in use~~ Outdoor air intake and exhaust systems shall meet the requirements of Section 6.4.3.4.

6.4.3.4.~~3~~2 Shutoff Damper Controls. All *outdoor air* intake and exhaust systems shall be equipped with motorized dampers that will automatically shut when the systems or spaces served are not in use. Ventilation *outdoor air* and exhaust/relief dampers shall be capable of automatically shutting off during preoccupancy building warm-up, cool down, and *setback,* except when *ventilation* reduces energy costs or when ventilation must be supplied to meet code requirements.

Exceptions:

a. Backdraft gravity (nonmotorized) dampers are acceptable for exhaust and relief dampers in buildings less than three stories in height and for ventilation air intakes and exhaust and relief dampers in buildings of any height located in climate zones 1, 2, and 3. Backdraft dampers for ventilation air intakes must be protected from direct exposure to wind.

6.4.3.4.3 Dampers Leakage. Where *outdoor air* supply and exhaust/relief dampers are required by Section 6.4.3.4, they shall have a maximum leakage rate when tested in accordance with AMCA Standard 500 as indicated in Table 6.4.3.4.3.

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

Public Review Draft

ASHRAE® Standard

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

First Public Review (November 2009)
(Draft Shows Proposed Changes to Current Standard)

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

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FOREWORD

This addendum fixes a mistake in the way 8" pipe was analyzed. RS Means data for threaded pipe was used for 8" when welded pipe data should have been used.

It also includes a minor editorial change since it is not possible to operate more than 8760 hrs/yr.

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Addendum cc to 90.1-2007

Table 6.5.4.5: Piping System Design Maximum Flow Rate in GPM (IP)

Operating hours/yr	≤2000 hours/yr		>2000 and ≤4400 hours/year		>4400 ~~and ≤8760~~ hours/year	
Nominal Pipe Size (in.)	Other	Variable Flow/ Variable Speed	Other	Variable Flow/ Variable Speed	Other	Variable Flow/ Variable Speed
2 1/2	120	180	85	130	68	110
3	180	270	140	210	110	170
4	350	530	260	400	210	320
5	410	620	310	470	250	370
6	740	1100	570	860	440	680
8	~~840~~ 1200	~~1300~~ 1800	~~650~~ 900	~~970~~ 1400	~~510~~ 700	~~770~~ 1100
10	1800	2700	1300	2000	1000	1600
12	2500	3800	1900	2900	1500	2300
Maximum Velocity for Pipes Over 12" Size	8.5 fps	13.0 fps	6.5 fps	9.5 fps	5.0 fps	7.5 fps

Table 6.5.4.5: Piping System Design Maximum Flow Rate in liters/second (SI)

Operating hours/yr	≤2000 hours/yr		>2000 and ≤4400 hours/year		>4400 ~~and ≤8760~~ hours/year	
DN Pipe Size (mm)	Other	Variable Flow/ Variable Speed	Other	Variable Flow/ Variable Speed	Other	Variable Flow/ Variable Speed
75	8	11	5	8	4	7
90	11	17	9	13	7	11
110	22	33	16	25	13	20
140	26	39	20	30	16	23
160	47	69	36	54	28	43
225	~~53~~ **76**	~~82~~ **114**	~~41~~ **57**	~~61~~ **88**	~~32~~ **44**	~~49~~ **69**
280	114	170	82	126	63	101
315	158	240	120	183	95	145
Maximum Velocity for Pipes Over 315mm Size	2.6 m/s	4.0 m/s	2.0 m/s	2.9 m/s	1.5 m/s	2.3 m/s

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

Public Review Draft

ASHRAE® Standard

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

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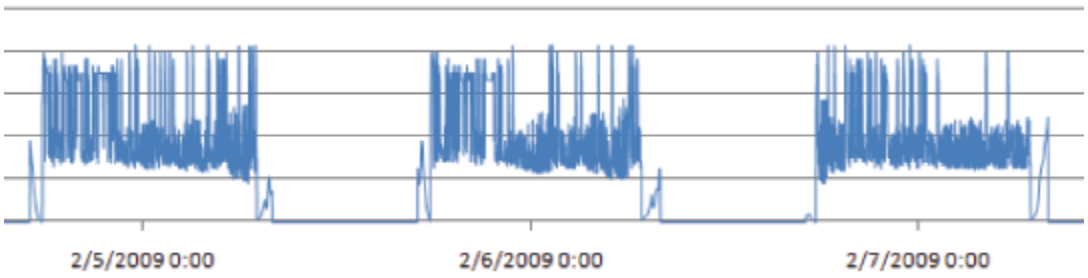
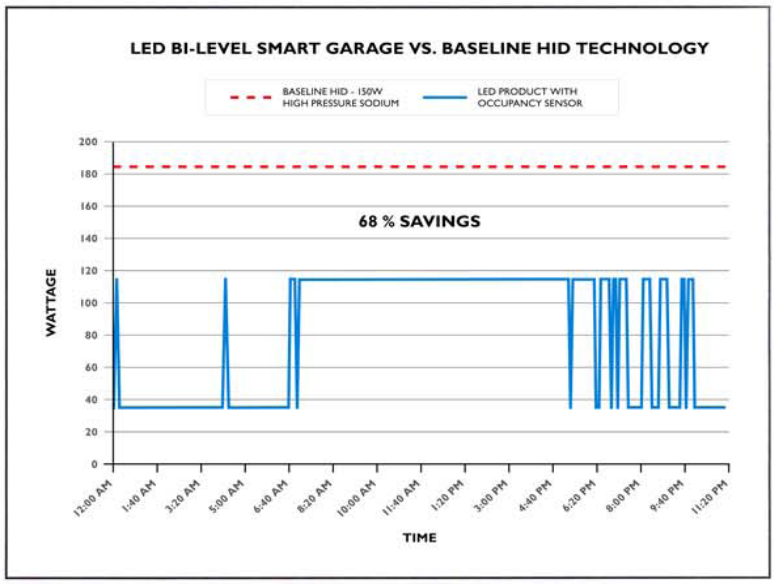
FOREWORD

These additions 1) strengthen the language to actually require exterior control rather than just require the control capability; 2) add bi-level control for general all-night applications such as parking lots to reduce lighting when not needed; 3) add control for façade and landscaping lighting not needed after midnight.
The California Lighting Technology Center at the University of California at Davis has conducted studies using bi-level control strategies in parking lots owned by the University of California system. According to their studies, such control strategies reduce the lighting energy use by significant amounts during the night time hours[1]. According to the Study at California Polytechnic State University, San Luis Obispo, the parking lot lighting operated in the low mode 68% of the time. The following lighting power traces for three consecutive nights illustrate the operation:



Another study at the California State University Sacramento Campus shows similar savings, although the exact percentage of low level operation is not available in the report[2]:

[1] *See the PIER Program Case Study "Bi-level Street and Parking Area Lighting, California Polytechnic State University, San Luis Obispo, CA"*
[2] *Keith Graeber of CLTC in the "research matters" article in LD+A Magazine, November 2008.* [2] *U.S.*
[3] *Lighting Market Characterization, Volume I: National Lighting Inventory and Energy Consumption Estimate, Navigant Consulting Inc., Sept 2002. Available for purchase at http://www.ntis.gov – electronic copy is available for $35.*



Energy Savings estimate:
According to a report by Navigant Consulting in 2002[3], parking lots account for 22 Twh out of a total of 57 TWh used for outdoor lighting annually nationwide. While this estimate includes all lighted parking areas, the potential for energy savings in parking areas that are part of the building are significant and should be supported by Standard 90.1.

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Addendum cd to 90.1-2007

Revise Section 9.4.1.3 and 9.4.5 Exceptions as follows (IP and SI units):

9.4.1.3 Exterior Lighting Control.

a. Lighting for ~~all~~ exterior applications not exempted in Section 9.1 shall ~~have~~ be controlled by a ~~automatic controls~~ device ~~capable of turning~~ that automatically turns off exterior lighting when sufficient daylight is available ~~or when the lighting is not required during nighttime hours~~.

---

b. Additionally, lighting for exterior applications not exempted in Section 9.1 and

1) not designated for dusk-to-dawn operation shall be controlled by ~~either~~ a device that automatically turns off the lighting when the application is not intended to be lighted; or

~~a . a combination of a photosensor and a time switch or~~
~~b. an astronomical time switch.~~

2) ~~Lighting~~ designated for dusk-to-dawn operation shall be controlled by a device that automatically reduces the connected lighting power by at least 30% within one (1) hour of the building being vacated or within 15 minutes of sensing that no one is in the area.

c. Additionally, all façade and landscape lighting shall be automatically shut off between midnight and 6am. ~~be controlled by an astronomical time switch or photosensor. must be shut off after operating hours~~

All time switches shall be capable of retaining programming and the time setting during loss of power for a period of at least ten hours.

Exception to 9.4.1.3. Lighting for covered vehicle entrances or exits from buildings or parking structures where required for safety, security, or eye adaptation.

9. 4. 5 Exterior Building Lighting Power. ……

Exceptions to 9.4.5. Lighting used for the following exterior applications is exempt when equipped with a *control device* independent of the control of the nonexempt lighting:

a. Specialized signal, directional, and marker lighting associated with transportation.
b. Advertising signage or directional signage.
c. Lighting integral to *equipment* or instrumentation and installed by its *manufacturer*.
d. Lighting for theatrical purposes, including performance, stage, film production, and video production.
e. Lighting for athletic playing areas.
f. Temporary lighting.
g. Lighting for industrial production, material handling, transportation sites, and associated storage areas.
h. Theme elements in theme/amusement parks.
i. Lighting used to highlight features of public monuments and registered *historic* landmark structures or *buildings.*
j. Lighting for hazardous locations.
k. Lighting for swimming pools and water features.
l. Searchlights.

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

Public Review Draft

ASHRAE® Standard

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FOREWORD

This additional control requires that all spaces (unless exempted) have multilevel control capability (also commonly known as bi-level switching). A study by Heschong Mahone Group notes that energy savings varies between 8 - 22 percent for bi-level control depending on the space type. IES paper #34 by Rensselaer Polytechnic Institute (RPI), "Occupant Use of Manual Controls in Private Offices" notes that 74 percent of a sample reduced their lighting for savings of 9 percent. Another RPI study "Individual Lighting Control for Offices" claims savings from occupant lighting reduction is 35-42 percent.

Note to reviewers: Section 9.4.1.2 b) was modified by addendum x to 90.1-2007. This change is shown relative to that published addendum rather than to 90.1-2007.

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Addendum ce to 90.1-2007

Modify 9.4.1.2 as follows (IP and SI units):

9.4.1.2 Space Control. Each space enclosed by ceiling height partitions shall have at least one *control device* to independently *control* the *general lighting* within the space. Each manual device shall be readily accessible and located so the occupants can see the controlled lighting.

a. The controlled lighting shall have at least one control step between 30% and 70% (inclusive) of full lighting power in addition to all off.

Exception to 9.4.1.2 (a)

(a) Lights in corridors, electrical/mechanical rooms, public lobbies, restrooms, stairways, and storage rooms

(b) Spaces with only one luminaire

(c) Spaces types with allowed lighting power densities of less than 0.6 W/ft^2 (see table 9.6.1).

Note to reviewers: original requirements "a" and "b" will be renumbered as "b" and "c":

~~a.~~b. An *occupant sensor* shall be installed that automatically turns lighting off within 30 minutes of all occupants leaving a space in

1. classrooms and lecture halls,
2. conference, meeting rooms, and training rooms,
3. employee lunch and break rooms~~.~~,
4. storage and supply rooms up to 1000 ft2,
5. rooms used for document copying and printing,
6. office spaces up to 250 ft2,
7. restrooms
8. dressing, locker, and fitting rooms.

Exceptions to 9.4.1.2 (b~~a~~):

a. Spaces with multi-scene lighting control systems
b. Shop and laboratory classrooms
c. Spaces where an automatic shutoff would endanger the safety or security of the room or building occupant(s)
d. Lighting required for 24-hour operation

~~b.~~c. For all other spaces, each *control device* shall be activated either manually by an occupant or automatically by sensing an occupant. Each *control device* shall *control* a maximum of 2500 ft2 area for a space 10,000 ft2 or less and a maximum of 10,000 ft2 area for a space greater than 10,000 ft2. The occupant shall be able to override any time-of-day scheduled shutoff *control* for no more than two hours.

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

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FOREWORD

Stairwell lighting represents the "Emergence Egress Light Level" with stairwell occupancy. However the occupancy percentage of a stairwell is only 10%, thus offering savings. Various case studies and demonstrations have shown significant energy savings for this strategy.

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Addendum cf to 90.1-2007

Add item g to Section 9.4.1.4 as follows (IP and SI Units):

9.4.1.4 Additional Control

g. Stairwell lighting- Lighting in stairwells shall have one or more control devices to automatically reduce lighting power in any one controlled zone by at least 50% within 30 minutes of all occupants leaving that controlled zone.

1.1 Products and Applications Included

a) Combination Type AFCIs ~~and GFCIs~~ for new installations
b) Branch/Feeder AFCIs only for replacement purposes in existing installations
c) ~~Branch/Feeder~~ GFCIs for new or existing installations

3.2.1 GFCIs Required

B. *Other Than Dwelling Units*: GFCI protection for personnel is required for all 120 Volt, single-phase receptacles rated 15 A and 20 A located in the following locations [NEC 210.8]:

6. Portable or Mobile Signs

1.2 Products and Applications Excluded

This standard does not cover older designs of ~~A~~GFCIs, or ~~A~~GFCIs designed to be temporarily connected to premise wiring systems. It does not apply to:

2. Definitions

Arc-Fault Circuit Interrupter (AFCI). A device intended to provide protection from the effects of arc-faults by recognizing characteristics unique to arcing and by functioning to de-energize the circuit when an arc-fault is detected. AFCIs are rated 15 A and 20 A, 120 V and 120/240 V.

Dead-Front GFCI. A GFCI that is designed to be installed in an outlet box without any receptacle contact points. A dead-front GFCI is intended to provide ground-fault protection of personnel in branch circuit wiring connected downstream of the device.

3.1.2 AFCIs Not Required

AFCI protection is not required for the following rooms or circuits in dwellings:

~~2. Small appliance branch circuits~~
8. Attics.

3.2 GFCI Requirements in the 2008 National Electrical Code

When operating properly, ~~the sum of~~ the current on the current-carrying phase and neutral conductors of any given branch circuit is ~~zero~~ equal…
GFCIs are required in all areas where known electrical shock hazards exist, such as where outlets are located in close proximity of sinks, ~~to moisture, water, or water pipes, such as outdoors,~~ swimming pools, spas, ~~saunas and~~ hot tubs, fountains, and areas such as kitchens, ~~basements,~~ bathrooms, outdoors, and garages.

4.1 General

H. Swab raceways dry prior to installing branch circuit conductors ~~for GFCI-protected circuits. Install GFCI-protected circuits in dedicated conduits. Do not combine GFCI-protected circuits with other circuits in same raceway. Do not install more than one GFCI-protected circuit in any raceway.~~

4.1.1 Multiwire Branch Circuits

…two or more phase/line conductors that are supplied from different phases of the distribution system…If the circuit breaker has independent tripping between the two phase/line conductors, the shared neutral continues to carry load currents even though the one phase conductor is de-energized.

4.3 Installing Circuit Breaker-Type AFCIs and GFCIs in a De-energized Panelboard

C. Connect the circuit breaker neutral conductor pigtail to the neutral bus bar of the panelboard in a dedicated terminal in the bus bar. The neutral conductor pigtail may be shortened if needed.

4.5 Installing AFCI and GFCI Receptacles

~~AFCI receptacles are not permitted in new construction per the 2008 NEC.~~ Follow the manufacturer's recommendations when installing new GFCIs, and when replacing existing AFCI and GFCI receptacles with new ones. These instructions provide general guidance.

3.2.2 GFCIs Not Required.

B. *Other than Dwelling Units* [NEC 210.8(B)]

1. Assured ground is not allowed on 125 V circuits if a GFCI is available.

4.2 Electrical Safety

A. Neglecting fundamental installation and maintenance requirements may lead to personal injury or death, as well as damage to electrical equipment or other property. All work and actions must conform to the requirements of NFPA 70E, Electrical Safety in the Workplace and State or Federal OSHA requirements.

5.2 Testing AFCI and GFCI Circuit Breakers

A. Turn off and unplug all appliances from receptacles ~~all loads~~ supplied by AFCI and GFCI circuit breakers prior to testing.

5.3 Testing AFCI and GFCI Receptacles

A. Turn off and unplug all appliances supplied from AFCI and GFCI receptacles prior to testing.

BSR/NGA R1.1-201x

Revisions to ROLAGS made September 29, 2009

(Revisions are in red)

Repair of Laminated Automotive Glass Standard (ROLAGS®)

for damages up to 6 inches

1. Scope

The Scope of this standard shall be to define:

- ~~Repairable damages;~~ Damages up to 6 inches (notation- damages exceeding 6 inches are expected to be addressed in a subsequent standard) ;

2. Purpose

It is the intention of the Repair of Laminated Automotive Glass Standards Committee (ROLAGS®) that this document:

- Be used to consistently evaluate damages up to six inches on laminated auto glass in order to aid in the decision to repair ~~or replace the glass~~;

[Note – the changes are seen below using strikeout for removal of old text and gray highlights to show the suggested text.]

NSF/ANSI Standard
for Sustainability —

Sustainable carpet assessment

-
-
-

3.14 renewable energy: Includes solar electric (photovoltaic), solar thermal, wind, geothermal, bio-gas, biomass, hydro and renewable cogeneration on site or off site, on or off grid. Off-site renewable energy can be displaced with renewable energy meeting Green-e requirements or equivalent. ~~Whenever the term "Green-e" appears in this Standard, it means "Green-e or equivalent". "Equivalent" means non-nuclear, non-fossil based fuels.~~ As used in this Standard, the terms "Green-e" and "Green-e or equivalent" refer to Green-e or equivalent forms of fuel that meet the same specifications as Green-e but may not be specifically labeled this way. Renewable energy sources may be generated by the same owner on a different site, or Green-e power in the form of renewable energy certificates, that are purchased on the open market from sources that are certified through the Green-e Renewable Electricity Certification Program.

The criteria for the Renewable Electricity Certification Program require that at least 50% of the supply be generated from the sun, water, wind, burning of wastes (biomass), or geothermal heat from the earth. In addition, in the use of any traditional fuel, emissions of sulfur dioxide (which causes acid rain), nitrogen oxide (which causes smog) and carbon dioxide (which causes climate change) shall be lower than average.

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Tracking #14i33r1 **Revision of NSF/ANSI 14 – 2008e**
2009© NSF **Issue 33, Draft 1, (October 2009)**

[Note – the changes are seen below using strikeout for removal of old text and gray highlights to show the suggested text.]

NSF/ANSI Standard
for Plastics —

Plastics piping system components and related materials

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Table 11 – Fittings for PE, PEX and PB tubing test frequency

Test	PB fittings	Insert fittings PE pipe	Insert fittings PB tubing	Electro-fusion PE fittings	Butt heat fusion PE fittings	Fittings for PEX tubing	Socket-type PE fittings
burst pressure	weekly	weekly	weekly	weekly	—	weekly[1]	—
dimensions							
barb length	—	weekly	—	—	—	—	—
insert OD	—	weekly	weekly	—	—	weekly	—
body wall thickness	weekly	—	weekly	—	—	weekly	—
insert length	weekly	weekly	weekly	—	—	weekly	—
inside diameter	—	—	—	24 h	24 h	—	24 h
outside diameter	—	—	—	—	24 h	—	—
socket bottom[2]	24 h	—	—	—	—	—	24 h
socket depth[2,7]	24 h	—	—	—	—	—	24 h
socket entrance[2]	24 h	—	—	—	—	—	24 h
socket wall thickness	24 h	—	—	—	—	—	—
thread gauge	—	24 h	24 h	—	—	24 h	—
thread length[6,7]	—	(see footnotes 6, 7)	(see footnotes 6, 7)	—	—	(see footnotes 6, 7)	—
wall thickness (insert)	—	24 h	24 h	24 h	24 h	24 h	—
all other	—	—	weekly	—	—	weekly	—

Table 11 – Fittings for PE, PEX and PB tubing test frequency

Test	PB fittings	Insert fittings PE pipe	Insert fittings PB tubing	Electro-fusion PE fittings	Butt heat fusion PE fittings	Fittings for PEX tubing	Socket-type PE fittings
required insert dimensions							
excessive temperature and pressure capability	—	—	annually	—	—	annually	—
impact[3]	—	—	—	weekly[3]	—	—	—
joint crush	—	—	—	weekly	—	—	—
short term rupture strength[4]	—	—	—	—	weekly	—	weekly
short term strength[5]	—	—	—	—	weekly	—	—
sustained pressure	annually	—	annually	—	annually	annually	annually
tensile	—	—	—	weekly	—	—	—
thermocycling	annually	—	annually	—	—	annually	—
product standards	ASTM D 3309	ASTM D 2609	ASTM F 845 ASTM F 1380 CSA B137.8	ASTM F 1055	ASTM D 3261	ASTM F 877 ASTM F 1807 ASTM F 1960 ASTM F 1961 CSA B137.5 ASTM F 2080 ASTM F 2098 ASTM F 2159	ASTM D 2683

[1] Metal fittings, Polysulfone, Polyphenylsulfone or Polysulfone/Polyphenylsulfone blends need only be tested annually for burst pressure.

[2] Plug gauges are permitted, provided that the mold has been qualified by complete dimensioning and performance of appropriate testing on all products from all mold cavities to verify compliance with the referenced standard.

[3] Applies only to tapping saddles.

[4] Applies to fittings 2 in to 12 in and 90 mm to 315 mm nominal diameter.

[5] Applies to form fittings 14 in to 48 in and 355 mm to 1600 mm nominal diameter.

[6] Applies only to molded fittings.

[7] Socket depth and thread length are only required to be verified at the time a new tool is “qualified” or when new or repaired cores are made.

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Proposals for BSR/UL 66

1. Reference to Oil Used in the Oil Resistance Test, Revision to 8.2.2.4

8.2.2.4 METHOD - The methods of preparation, of selection and conditioning of specimens, and of making the measurements and calculations for tensile strength and ultimate elongation are to be as indicated (beginning with 400.1) under the heading PHYSICAL PROPERTIES OF INSULATION AND JACKET in UL 1581. IRM 902 oil is to be used in the testing for oil resistance.

2. Addition of Durability Test of Ink Printing Parameters as New 20.2

20.2 One of two specimens shall be conditioned in a forced air oven at the rated temperature of the specimen for 24 hours, the other is to be left at room temperature for 24 hours.

3. Addition of Type PAF Temperature Marker Threads to Table 25.1

Table 25.1

Temperature marker threads

Wire type	Temperature limit	Quantity and color of threads
PAF, PTF	250°C (482°F)	two black
SF-1[a], SF-2[a], PF, PGF, ZHF, KF-1, KF-2, KFF-1, KFF-2	200°C (392°F)	one black
XF, XFF, SFF-1[a], SFF-2[a], PFF, PGFF, PTFF, PAFF, ZF, ZFF	150°C (302°F)	one orange
TFN, TFFN, RFHH-2, RFHH-3	90°C (194°F)	one red
RFH-2, FFH-2	75°C (167°F)	one green
TF, TFF	60°C, 140°F)	none

[a] The temperature marker thread is not required in silicone-insulated wires in which the wire type letters are durably and legibly printed at intervals no longer than 12 inches or 305 mm on the surface of the insulation.

BSR/UL 1175

PROPOSAL

18.1 A cushion shall support a mass of 112.5 ±1 pounds (51 ±0.5 kg) for 10 minutes following a 2 second exposure to flames produced by burning ~~gasoline~~ n-heptane .

18.4 One-half inch (12.7 mm) of water is to be put in the bottom of the test pan, followed by enough ~~gasoline~~ n-heptane to make a minimum total depth of 1-1/2 inches (38.1 mm). The ~~gasoline~~ n-heptane is to be ignited and allowed to burn freely for 30 seconds before the cushion is inserted.

BSR/UL 1177

PROPOSAL

45.1 A device shall support 75 percent of the load values specified in 43.1 and 43.9 and shall remain serviceable for one use following a 2-second exposure to flame produced by burning ~~gasoline~~ n-heptane.

45.4 One-half inch (12.7 mm) of water is to be put in the bottom of the test pan, followed by enough ~~gasoline~~ n-heptane for a minimum total depth of 1-1/2 inches (38 mm). The ~~gasoline~~ n-heptane is to be ignited and allowed to burn freely for 30 seconds before the device is introduced.