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American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

Comment Deadline: April 4, 2010

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

Addenda

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

Modifies Appendix C and Appendix A in response to comments received on the previous addendum bb, which modifies all fenestration and opaque assembly requirements in 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:
www.ashrae.org/technology/page/331

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

Addresses the comments received during the first public review calling for clarification of the requirements to reduce misinterpretation on the proposed electrical monitoring requirements.

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

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

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

Clarifies the requirements and avoids conflicts with other existing requirements for lighting space control.

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

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

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

Addresses information received on addendum bs on receptacles after the public review period closed and which the committee found to have merit.

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

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

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

Controls the "night lights" that are part of the emergency system when there are no occupants in the space. This has definite energy savings and is not prohibited by the electrical codes.

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

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

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

Proposes to add energy efficiency requirements for service water pressure booster systems.

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

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

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

Addresses corrections and clarification necessary to Section 11, Table 11.3.1; and Section 11, Service Hot Water Systems.

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

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

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

Allows a 40% window wall area path within the prescriptive Tables 5.5-1 through 5.5-8.

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

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

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

Incorporates bi-level control for parking garages to reduce the wasted energy associated with unoccupied periods for many garages and allows an exception for lighting in the transition (entrance/exit) areas to accommodate IES recommendations.

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

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

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

Establishes that an Appendix G baseline shall be based on the minimum ventilation requirements required by local codes or a rating authority and not on the proposed design ventilation rates.

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

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

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

The new Federal efficacy requirements and products available on the market make the conditions and common practice that previously existed obsolete.

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

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

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

Places performance requirements for air leakage of the opaque envelope. Performance requirements have existed on fenestration and door products to date, but evidence suggests that the opaque envelope is the source of the majority of air leakage in buildings, and that the cause is the lack of attention in the design, construction and enforcement process due to the absence of performance criteria.

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

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

BSR/ASHRAE/USGBC/IES Addendum 189.1b-201x, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1P-2009)

Changes the height of Illuminance calculations required for the performance option of daylighting simulations from 3 feet to 2.5 feet to coincide with standard industry practice.

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

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

NSF (NSF International)

Revisions

BSR/NSF 2-201x (i17), Food Equipment (revision of ANSI/NSF 2-2009) Issue 17 - Eliminates the exemption for bun and baking pans that permit an unsealed seam on a rolled bead and clarify the requirements for attaching handles to lids in 5.30 (Pots, pans, and utensils).

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

Send comments (with copy to BSR) to: Lorna Badman, (734) 827-6806, badman@nsf.org

BSR/NSF 4-201x (i17), Commercial cooking, rethermalization, and powered hot food holding and transport equipment (revision of ANSI/NSF 4-2009)

Issue 17 - Clarifies the requirements in section 5.43 (Drains in steam tables and bains-marie units) and modifies the error in 1999.

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

Send comments (with copy to BSR) to: Lorna Badman, (734) 827-6806, badman@nsf.org

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 746C-201x, Standard for Safety for Polymeric Materials - Use in Electrical Equipment Evaluations (revision of ANSI/UL 746C-2009)

Proposed Revisions for UL 746C:

(1) Metallized Coatings - Tape Adhesion Test.

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

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

Comment Deadline: April 19, 2010

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmations

BSR/AAMI/ISO 10993-11-2006 (R201x), Biological evaluation of medical devices - Part 11: Tests for systemic toxicity (reaffirmation of ANSI/AAMI/ISO 10993-11-2006)

Specifies requirements and gives guidance on the procedures to be followed in the evaluation of the potential for medical devices and their materials to cause adverse systemic reactions.

Single copy price: Print and PDF: \$35.00 (AAMI members), \$70.00 (List)

Obtain an electronic copy from: <http://marketplace.aami.org>

Order from: Customer Service; AAMI; 1-877-249-8226

Send comments (with copy to BSR) to: Sonia Balboni, (703) 525-4890, sbalboni@aami.org

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

New Standards

BSR/AHRI Standard 1230-201x, Performance Rating of Variable Refrigerant Flow (VRF) Multi-Split Air-Conditioning and Heat Pump Equipment (new standard)

Covers matched variable refrigerant flow Multi-Split Air Conditioners and Multi-Split Heat Pumps using distributed refrigerant technology with cooling and heating capacities for outdoor units from 12,000 Btu/h [3508 W] to 300,000 Btu/h [90,000 W] and indoor units from 5,000 Btu/h [1,000W] to 60,000 Btu/h [20,000 W]. Each indoor unit is designed to condition a single zone.

Single copy price: Free

Obtain an electronic copy from: www.ahrinet.org

Order from: Daniel Abbate, (703) 524-8800, dabbate@ahrinet.org

Send comments (with copy to BSR) to: Same

Revisions

BSR/AHRI Standard 430-201x, Central Station Air-Handling Units (revision of ANSI/AHRI Standard 430-1999)

Applies to central station air-handling units.

Single copy price: Free

Obtain an electronic copy from: www.ahrinet.org

Order from: Daniel Abbate, (703) 524-8800, dabbate@ahrinet.org

Send comments (with copy to BSR) to: Same

BSR/AHRI Standard 580-201x, Non-Condensable Gas Purge Equipment for Use with Low Pressure Centrifugal Liquid Chillers (revision of ANSI/AHRI Standard 580-2001)

Applies to Non-Condensable Gas Purge Equipment for use with Low Pressure Centrifugal Liquid Chillers. This standard defines general equipment requirements, test methods and analysis techniques used to determine the performance rating for Purge Equipment that remove Non-Condensable gases from Low Pressure Centrifugal Liquid Chillers. This purge equipment is typically used in conjunction with chillers that operate with at least a portion of the system below atmospheric pressure.

Single copy price: Free

Obtain an electronic copy from: www.ahrinet.org

Order from: Daniel Abbate, (703) 524-8800, dabbate@ahrinet.org

Send comments (with copy to BSR) to: Same

BSR/AHRI Standard 680 (I-P)-201x, Performance Rating of Residential Air Filter Equipment (revision of ANSI/AHRI Standard 680-2004)

Applies to factory-made Air Filter Equipment and Air Filter Media, as used in such equipment, for removing particulate matter, when used in environmental conditioning of inhabited spaces in residential facilities.

Single copy price: Free

Obtain an electronic copy from: www.ahrinet.org

Order from: Daniel Abbate, (703) 524-8800, dabbate@ahrinet.org

Send comments (with copy to BSR) to: Same

BSR/AHRI Standard 681 (SI)-201x, Performance Rating of Residential Air Filter Equipment (revision and partition of ANSI/AHRI Standard 680-2004)

Applies to factory-made Air Filter Equipment and Air Filter Media, as used in such equipment, for removing particulate matter, when used in environmental conditioning of inhabited spaces in residential facilities.

Single copy price: Free

Obtain an electronic copy from: www.ahrinet.org

Order from: Daniel Abbate, (703) 524-8800, dabbate@ahrinet.org

Send comments (with copy to BSR) to: Same

BSR/AHRI Standard 710 (I-P)-201x, Performance Rating of Liquid-Line Driers (revision of ANSI/AHRI Standard 710 (I-P)-2009)

Applies to Liquid-Line Driers utilizing solid Desiccants designed for use in the liquid line of all types of refrigeration and air-conditioning systems.

Single copy price: Free

Obtain an electronic copy from: www.ahrinet.org

Order from: Daniel Abbate, (703) 524-8800, dabbate@ahrinet.org

Send comments (with copy to BSR) to: Same

BSR/AHRI Standard 711 (SI)-201x, Performance Rating of Liquid-Line Driers (revision of ANSI/AHRI Standard 711 (SI)-2009)

Applies to Liquid-Line Driers utilizing solid Desiccants designed for use in the liquid line of all types of refrigeration and air-conditioning systems.

Single copy price: Free

Obtain an electronic copy from: www.ahrinet.org

Order from: Daniel Abbate, (703) 524-8800, dabbate@ahrinet.org

Send comments (with copy to BSR) to: Same

ASA (ASC S1) (Acoustical Society of America)

Reaffirmations

BSR S1.15-2005/Part 2 (R201x), Measurement Microphones - Part 2: Primary Method for Pressure Calibration of Laboratory Standard Microphones by the Reciprocity Technique (reaffirmation and redesignation of ANSI S1.15-2005/Part 2)

Specifies a primary method for the calibration of microphones by the reciprocity technique. The specifications are intended to ensure that primary calibration with the reciprocity technique can attain the highest accuracy.

Single copy price: \$150.00

Obtain an electronic copy from: asastds@aip.org

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

Send comments (with copy to BSR) to: Same

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

Addenda

BSR/ASHRAE/IESNA Addendum 90.1cd-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.

Single copy price: Free

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

Order from: standards.section@ashrae.org

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

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

Adds two versions of a combined advanced control to the control incentives table. These control system combinations involve personal workstation control and workstation-specific occupancy sensors for open office applications. The control incentive will apply only to the particular controls when they are applied in open office areas.

Single copy price: Free

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

Order from: standards.section@ashrae.org

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

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

Makes three major amendments to Table 6.8.1A. First, it updates EER and IEER values for all condensing units and water and evaporatively cooled air conditioners with cooling capacities greater than 65,000 Btu/h. Second, the proposal establishes a separate product class for evaporatively cooled air conditioners with different energy efficiency standards. Third, the proposal replaces the IPLV descriptor for condensing units with the new IEER metric and amends the EERs with more stringent values.

Single copy price: Free

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

Order from: standards.section@ashrae.org

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

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

Establishes, for the first time in ASHRAE 90.1, efficiency requirements for VRF air conditioners and heat pumps, including heat pumps that use a water source for heat rejection.

Single copy price: Free

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

Order from: standards.section@ashrae.org

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

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

Modifies the duct sealing requirements in 90.1.

Single copy price: Free

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

Order from: standards.section@ashrae.org

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

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

The definition for an unmet load hour is currently lacking a throttling range or limit to the setpoint. It was decided that the baseline and the proposal shall have the same thermostat throttling range. This required additional language in the unmet load hour definition as to how throttling range effects determination of an unmet hour along with additional language in Table 11.3.1 and Table G3.1 (Design Model sections).

Single copy price: Free

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

Order from: standards.section@ashrae.org

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

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

Reduces the threshold for daylighting from 1000 sqft to 250 sqft.

Single copy price: Free

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

Order from: standards.section@ashrae.org

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

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

Makes several revisions to the economizer requirements in section 6.5.1 and in section 6.3.2. With increased envelope insulation levels and higher internal plug loads, we are seeing commercial buildings operating in cooling at lower ambient temperatures. This allows for greater air and water economizers to be used instead of mechanical cooling.

Single copy price: Free

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

Order from: standards.section@ashrae.org

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

BSR/ASHRAE/IESNA Addendum bu 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 computer room efficiency requirements based on comments received during the first public review.

Single copy price: Free

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

Order from: standards.section@ashrae.org

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

BSR/ASHRAE/USGBC/IES Addendum 189.1a-201x, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1P-2009)

Changes the daylighting definitions to coincide with those in 90.1 to facilitate consistent use of these terms.

Single copy price: Free

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

Order from: standards.section@ashrae.org

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

AWS (American Welding Society)

Revisions

BSR/AWS D1.4/D1.4M-201x, Structural Welding Code - Reinforcing Steel (revision of ANSI/AWS D1.4/D1.4M-2005)

Covers the requirements for welding reinforcing steel in most reinforced concrete applications. This standard contains a body of rules for the regulations of welding reinforcing steel and provides suitable acceptance criteria for such welds.

Single copy price: \$42.50

Obtain an electronic copy from: roneill@aws.org

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

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

Addenda

BSR/AWS B2.2/B2.2M:2010-AMD1:201x, Specification for Brazing Procedure and Performance (addenda to ANSI/AWS B2.2/B2.2M-2009)

Provides the requirements for qualification of brazing procedure specifications, brazers, and brazing operators for manual, mechanized, and automatic brazing. The brazing processes included are torch brazing, furnace brazing, diffusion brazing, resistance brazing, dip brazing, infrared brazing, and induction brazing. Base metals, brazing filler metals, brazing fluxes, brazing atmospheres, and brazing joint clearances are also included.

Single copy price: \$40.00

Obtain an electronic copy from: roneill@aws.org

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

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

BHMA (Builders Hardware Manufacturers Association)

Revisions

BSR/BHMA A156.23-201x, Electromagnetic Locks (revision of ANSI/BHMA A156.23-2004)

Establishes requirements for electromagnetic locks and includes cyclical, dynamic, operational, strength and finish tests. This product is used for access control.

Single copy price: \$36.00 (non-members)/\$18.00 (BHMA members)

Order from: Michael Tierney, (212) 297-2122, mtierney@kellencompany.com; TCadet@kellencompany.com

Send comments (with copy to BSR) to: Same

BSR/BHMA A156.24-201x, Delayed Egress Locking Systems (revision of ANSI/BHMA A156.24-2003)

Covers products used in connection with conventional exit devices or locks causing the doors to remain locked after releasing actuation for a predetermined length of time. Performance criteria are included for functional, cycle, operational, fail-safe, and overload requirements.

Single copy price: \$36.00 (non-members)/\$18.00 (BHMA members)

Order from: Michael Tierney, (212) 297-2122, mtierney@kellencompany.com; TCadet@kellencompany.com

Send comments (with copy to BSR) to: Same

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

New Standards

Draft INCITS 470-201x, Information technology - Fibre Channel - Framing and Signaling - 3 (FC-FS-3) (new standard)

Describes the framing and signaling interface of a high performance serial link for support of FC-4s associated with upper level protocols (e.g., SCSI, IP, SBCCS, VI). This standard is based on FC-FS-2 (ISO/IEC 14165-252) with subsequent modifications approved by the member body that originally authored and approved FC-FS-2.

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; spatrick@itic.org

NECA (National Electrical Contractors Association)**New Standards**

BSR/NECA 310-201x, Standard for Installing and Maintaining Access Control, Intrusion Detection, and Alarm Systems (new standard)

Describes installation and maintenance procedures for access control systems, low-voltage intrusion detection systems, and alarm systems. These include holdup, ambush, and duress systems, installed indoors and outdoors for commercial, institutional, and industrial applications for the protection of building interiors, building perimeter, and surrounding property.

Single copy price: \$40.00

Obtain an electronic copy from: am2@necanet.org

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

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

BSR/NECA 505-201x, Standard for Installing and Maintaining High Mast, Roadway and Area Lighting (new standard)

Describes the installation and maintenance procedures for high mast, roadway, area, and sport lighting systems installed outdoors for commercial, institutional, and industrial applications. This standard applies to high-intensity discharge lighting luminaires rated 600 Volts and less and mounted on poles. This standard does not apply to specialized applications or installations with special environmental or regulatory conditions.

Single copy price: \$40.00

Obtain an electronic copy from: am2@necanet.org

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

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

NSF (NSF International)**New Standards**

BSR/NSF 372-201x (i1), Drinking Water System Components - Lead Content (new standard)

Issue 1: Proposes the measurement of lead content.

Single copy price: Free

Obtain an electronic copy from:

http://standards.nsf.org/apps/group_public/download.php/7290/372i1r1.pdf

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

Send comments (with copy to BSR) to: Same

SAE (Society of Automotive Engineers)**New National Adoptions**

BSR/SAE/ISO 9244-201x, Earth Moving Machinery - Product Safety Labels - General Principles (identical national adoption and revision of ANSI/SAE/ISO 9244-2009)

Establishes general principles and gives requirements for the design and application of machine safety labels to be permanently affixed to earth-moving machinery as defined in ISO 6165. This standard outlines the objectives of signage, describes basic formats, specifies colors and provides guidance on developing the various panels that together constitute a label.

Single copy price: \$132.00

Obtain an electronic copy from: ANSI; www.ansi.org

Order from: ANSI Customer Service; www.ansi.org

Send comments (with copy to BSR) to: Dan Roley, (248) 273-2470, roley_daniel_g@cat.com

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

BSR/UL 1004-7-201x, Standard for Safety for Electronically Protected Motors (Proposal dated 3-05-10) (revision of ANSI/UL 1004-7-2009b)

The proposals include:

- (1) Defining the difference between a thermally protected motor and an electronically protected motor;
- (2) New definitions added to glossary; and
- (3) Providing a benchmark test to limit the extent of testing.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

BSR/UL 1086-201x, Standard for Safety for Household Trash Compactors (revision of ANSI/UL 1086-2007)

Covers:

- (1) Proposed additions of paragraphs 5.3.1, 5.3.2, and Section 13A, Separation of Circuits to Specify Requirements for Low-Voltage Circuits and Separation of Line- and Low-Voltage Circuits; and
- (5) Proposed revision to paragraph 51.13 to add an exception to allow a foot-actuated start switch to be identified in the instruction manual instead of by a marking on the switch.

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: Beth Northcott, UL-IL; Elizabeth.Northcott@us.ul.com

VITA (VMEbus International Trade Association (VITA))**Stabilized Maintenance: See 3.3.3 of the ANSI Essential Requirements**

BSR/VITA 5.1-1999 (S201x), Raceway Interlink (stabilized maintenance of ANSI/VITA 5.1-1999 (R2004))

Provides a specification of the data link protocol and physical interface of a high performance extension to the VMEbus standard. This extension consists of high-bandwidth, low-latency interconnects across a VMEbus computer chassis backplane using the P2 connector. Bi-directional connectivity between boards in a VMEbus chassis is achieved through the use of a network of crossbar switches with point-to-point interconnects.

Single copy price: \$75.00

Obtain an electronic copy from: lollie@vita.com

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

BSR/VITA 17-1998 (S201x), Front Panel Data Port Specifications (stabilized maintenance of ANSI/VITA 17-1998 (R2004))

Provides a specification of the protocol and mechanical characteristics of the Front Panel Data Port. This extension to the VME standard consists of a multidrop synchronous parallel non-addressable bus connection between multiple boards in a single chassis. The connection is made to a connector on the front panel of each board by means of an eighty-conductor ribbon cable.

Single copy price: \$50.00

Obtain an electronic copy from: lollie@vita.com

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

BSR/VITA 23-1998 (S201x), VME64 Extensions for Physics and Other Applications (stabilized maintenance of ANSI/VITA 23-1998 (R2004))

Provides implementation rules, recommendations, and guidelines that enhance the use of the VMEbus standard as specified in ANSI/VITA 1-1994, VME and ANSI/VITA 1.1, VME64 Extensions. This document is intended to be used internationally in physics applications and in other fields with similar requirements.

Single copy price: \$100.00

Obtain an electronic copy from: lollie@vita.com

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

Comment Deadline: May 4, 2010

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

AAMI (Association for the Advancement of Medical Instrumentation)

Revisions

BSR/AAMI ST55-201x, Table-top steam sterilizers (revision of ANSI/AAMI ST55-2003 (R2008))

Establishes minimum construction and performance requirements for small table-top sterilizers that use saturated steam as the sterilizing agent and that have a volume less than or equal to 2 cubic feet.

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: Susan Gillespie, (703) 525-4890 x243, sgillespie@aami.org

AGMA (American Gear Manufacturers Association)

Reaffirmations

BSR/AGMA 2011-A98 (R201x), Cylindrical Wormgearing Tolerance and Inspection Methods (reaffirmation of ANSI/AGMA 2011-A98 (R2004))

Describes and defines variations that may occur in unassembled wormgearing. This standard displays measuring methods and practices, giving suitable warnings if a preferred probe cannot be used. The applicability of single- or double-flank composite testing is discussed, using a reference gear. Tooth thickness measurement is shown using direct measurement as well as the use of measurements over wires or pins. Equations for the maximum variations are given for the stated ranges, as a function of size, pitch and tolerance grade.

Single copy price: \$80.00

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

Send comments (with copy to BSR) to: Same

BSR/AGMA 2111-A98 (R201x), Cylindrical Wormgearing Tolerance and Inspection Methods (Metric) (reaffirmation of ANSI/AGMA 2111-A98 (R2004))

Describes and defines variations that may occur in unassembled wormgearing. This standard displays measuring methods and practices, giving suitable warnings if a preferred probe cannot be used. The applicability of single- or double-flank composite testing is discussed, using a reference gear. Tooth thickness measurement is shown using direct measurement as well as the use of measurements over wires or pins. Equations for the maximum variations are given for the stated ranges, as a function of size, pitch and tolerance grade.

Single copy price: \$70.00

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

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BSR/AGMA 6034-B92 (R201x), Practice for Enclosed Cylindrical Wormgear Speed Reducers and Gearmotors (reaffirmation of ANSI/AGMA 6034-B92 (R2005))

Gives a method for rating and design of specific enclosed cylindrical wormgear reducers and gearmotors at speeds not greater than 3600 tpm or mesh sliding velocities not more than 6000 ft/min (30 m/s). This standard contains power, torque and efficiency equations with guidance on component design, thermal capacity, service factor selection, lubrication, and self-locking features of wormgears. Annexes are supplied on service factors and user recommendations.

Single copy price: \$53.00

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

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BSR/AGMA 9002-B2004 (R201x), Bores and Keyways for Flexible Couplings (Inch Series) (reaffirmation of ANSI/AGMA 9002-B2004)

Describes sizes and tolerances for straight and tapered bores and the associated keys and keyways, as furnished in flexible couplings. The data in the standard considers commercially standard coupling bores and keyways, not special coupling bores and keyways that may require special tolerances.

Single copy price: \$52.00

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

Send comments (with copy to BSR) to: Same

BSR/AGMA 9112-A2004 (R201x), Bores and Keyways for Flexible Couplings (Metric Series) (reaffirmation of ANSI/AGMA 9112-A2004)

Describes sizes and tolerances for straight and tapered bores and the associated keys and keyways, as furnished in flexible couplings. The data in the standard considers commercially standard coupling bores and keyways, not special coupling bores and keyways that may require special tolerances.

Single copy price: \$50.00

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Send comments (with copy to BSR) to: Same

ASME (American Society of Mechanical Engineers)

Reaffirmations

BSR B18.2.4.4M-1982 (R201x), Metric Hex Flange Nuts (reaffirmation of ANSI B18.2.4.4M-1982 (R2005))

Covers the complete general and dimensional data for metric hex flange nuts recognized as the American National Standard.

Single copy price: \$35.00

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

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

BSR B18.11-1961 (R201x), Miniature Screws (reaffirmation of ANSI B18.11-1961 (R2005))

Covers data for inch series miniature screws.

Single copy price: \$35.00

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

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

BSR B18.22M-1981, Metric Plain Washers (reaffirmation of ANSI B18.22M-1981 (R2005))

Covers general specifications and dimensions for flat, round-hole washers, both soft (as fabricated) and hardened, intended for use in general-purpose applications.

Single copy price: \$35.00

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

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

BSR B27.6-1992 (R201x), General Purpose Uniform Cross Section Spiral Retaining Rings (reaffirmation of ANSI B27.6-1992 (R2005))

Covers complete general and dimensional data for two series of general purpose uniform cross section spiral retaining rings that may be used with the nominal- size shafts and housings listed and in grooves of the recommended dimensions listed.

Single copy price: \$35.00

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

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

BSR B27.7M-1977 (R201x), General Purpose Tapered and Reduced Cross Section Retaining Rings (Metric) (reaffirmation of ANSI B27.7M-1977 (R2005))

Covers complete general and dimensional data for three series of general purpose tapered and reduced cross-section retaining rings that may be used with the nominal size shafts and housings listed and in grooves of the recommended dimensions listed. Also included are formulas and tolerances on which dimensional data are based. Three appendixes include guidance for assembly and recommended standard drawing formats.

Single copy price: \$35.00

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

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

BSR B27.8M-1978 (R201x), General Purpose Metric Tapered and Reduced Cross Section Retaining Rings -Type 3DM1-Heavy Duty External Rings, Type 3EM1-Reinforced E Rings, Type 3FM1-8C Type Rings (reaffirmation of ANSI B27.8M-1978 (R2005))

Covers complete general and dimensional data for three series of general purpose metric tapered and reduced cross-section retaining rings that may be used with the nominal size shafts and in grooves of the recommended dimensions listed. Also included are formulas and tolerances on which dimensional data are based. Three appendixes include guidance for assembly and recommended standard drawing formats.

Single copy price: \$35.00

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

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

BSR/ASME B18.2.8-1999 (R201x), Clearance Holes for Bolts, Screws, and Studs (reaffirmation of ANSI/ASME B18.2.8-1999 (R2005))

Covers the recommended clearance hole sizes for #0 through 1.5 in. and M1.6 through M100 metric fasteners in three classes of clearance using a close-, normal-, and loose-fit category.

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

BSR/ASME B18.18.4M-1987 (R201x), Inspection and Quality Assurance for Fasteners For Highly Specialized Engineered Applications - Metric (reaffirmation of ANSI/ASME B18.18.4M-1987 (R2005))

Outlines a Quality Assurance (QA) plan for internally and externally threaded fasteners and accessories or associated parts.

Single copy price: \$35.00

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

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

BSR/ASME B18.5.2.2M-1982 (R201x), Bolts, Metric Round Head Square Neck (reaffirmation of ANSI/ASME B18.5.2.2M-1982 (R2005))

Covers the complete general and dimensional data for metric series round head square neck bolts, recognized as the American National Standard, and intended for general applications.

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BSR/ASME B18.6.2-1998 (R201x), Slotted Head Cap Screws, Square Head Set Screws And Slotted Headless Set Screws (reaffirmation of ANSI/ASME B18.6.2-1998 (R2005))

Covers data for slotted head cap screws and square head and slotted headless set screws, thread runout sleeve gages, protrusion gaging, and wrench openings.

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BSR/ASME B18.6.5M-1999 (R201x), Metric Thread Forming and Thread Cutting Tapping Screws (reaffirmation of ANSI/ASME B18.6.5M-1999 (R2005))

Covers data for slotted and recessed head metric tapping screws, protrusion gaging, across-corners gaging, and penetration and wobble gaging.

Single copy price: \$49.00

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BSR/ASME B18.6.7M-201x, Metric Machine Screws (reaffirmation of ANSI/ASME B18.6.7M-1999 (R2005))

Covers data for flat and oval countersunk, pan-slotted, and recessed-head machine screws, protrusion gaging, across corners gaging, penetration, and wobble gaging.

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BSR/ASME B18.8.1-1994 (R201x), Clevis Pins and Cotter Pins (reaffirmation of ANSI/ASME B18.8.1-1994 (R2005))

Covers the complete dimensional and general data for clevis pins and cotter (split) pins recognized as the American National Standard.

Single copy price: \$35.00

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

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

BSR/ASME B18.8.100M-2000 (R201x), Spring Pins - Coiled Type, Spring Pins - Slotted, Machine Dowel Pins - Hardened Ground, and Grooved Pins (Metric Series) (reaffirmation of ANSI/ASME B18.8.100M-2000 (R2005))

Covers data for metric series coiled spring pins, slotted spring pins, hardened ground pins, and grooved pins.

Single copy price: \$75.00

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

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

BSR/ASME B18.8.200M-2005 (R201x), Cotter Pins, Headless Clevis Pins, and Headed Clevis Pins (Metric Series) (reaffirmation of ANSI/ASME B18.8.200M-2005)

Covers data for metric series cotter pins, headless clevis pins, and headed clevis pins

Single copy price: \$65.00

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

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

BSR/ASME B18.18.3M 201x, Inspection and Quality Assurance for Special Purpose Fasteners (reaffirmation of ANSI/ASME B18.18.3M (R2005))

Outlines a quality assurance (QA) plan for internally and externally threaded fasteners and accessories or associated parts.

Single copy price: \$35.00

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

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

BSR/ASME B18.27-1998 (R201x), Tapered and Reduced Cross Section Retaining Rings (Inch Series) (reaffirmation of ANSI/ASME B18.27.1-1998)

Covers data for external and internal (heavy duty, bowed, inverted, beveled, self-locking/interlocking) and c-ring, e-ring, and external bowed locking prongs of retaining rings.

Single copy price: \$75.00

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

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

BSR/ASME B18.29.2M-201x, Helical Coil Screw Thread Inserts - Free Running and Screw Locking (Metric Series) (reaffirmation of ANSI/ASME B18.29.2M-2005)

Delineates the dimensional, mechanical, and performance data for the metric series helical coil screw thread insert and threaded hole into which it is installed.

Single copy price: \$35.00

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

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

BSR/ASME B18.30.1M-2000 (R201x), Open-End Blind Rivets with Break Mandrels (Metric Series) (reaffirmation of ANSI/ASME B18.30.1M-2000 (R2005))

Establishes the dimensional, mechanical, and performance requirements of open-end blind rivets with break mandrels (metric series).

Single copy price: \$35.00

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

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

BSR/ASME Y14.1M-2005 (R201x), Metric Drawing Sheet Size and Format (reaffirmation of ANSI/ASME Y14.1M-2005)

Defines metric sheet size and formats for engineering drawings. Decimal inch sheet sizes and format are defined in ASME Y14.1. For engineering drawing preparation and practices, see ASME Y14.100.

Single copy price: \$44.00

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

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

BSR/ASME Y14.1-2005 (R201x), Decimal Inch Drawing Sheet Size and Format (reaffirmation of ANSI/ASME Y14.1-2005)

Defines decimal inch sheet size and formats for engineering drawings. Metric sheet sizes and format are defined in ASME Y14.1M. For engineering drawing preparation and practices, see ASME Y14.100.

Single copy price: \$44.00

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

Send comments (with copy to BSR) to: Calvin Gomez, ASME; gomezc@asme.org

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

Revisions

ANSI/ASSE A10.28-201x, Work Platforms Suspended from Cranes or Derricks (revision of ANSI/ASSE A10.28-1998 (R2004))

Applies to platforms suspended from the load lines of cranes or derricks in order to:

- (1) perform work at elevations that cannot normally be reached by other types of scaffolds or aerial work platforms; or
- (2) transport personnel to elevations where other means of access are unsafe or impractical because of design or worksite conditions.

Single copy price: \$50.00

Obtain an electronic copy from: N/A

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:

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

BSR INCITS PN-1622-R-200x, Information technology - Common Biometric Exchange Formats Framework (CBEFF) (revision of ANSI INCITS 398-2008)

Call for Comment Contact Information

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

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American Gear Manufacturers
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500 Montgomery Street, Suite 350
Alexandria, VA 22314-1560
Phone: (703) 684-0211
Fax: (703) 684-0242
Web: www.agma.org

AHRI

Air-Conditioning, Heating, and
Refrigeration Institute
2111 Wilson Boulevard
Suite 500
Arlington, VA 22201
Phone: (703) 524-8800
Fax: (703) 562-1942
Web: www.ahrinet.org

ANSI

American National Standards
Institute
25 West 43rd Street
4th Floor
New York, NY 10036
Phone: (212) 642-4980
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ASA (ASC S12)

Acoustical Society of America
35 Pinelawn Road, Suite 114E
Melville, NY 11747
Phone: (631) 390-0215
Fax: (631) 390-0217
Web: asa.aip.org/index.html

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

AWS

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

BHMA

Builders Hardware Manufacturers
Association
355 Lexington Ave.
15th Floor
New York, NY 10017-6603
Phone: (212) 297-2122

Fax: (212) 370-9047
Web: www.buildershardware.com/

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

NECA

National Electrical Contractors
Association
3 Bethesda Metro Center
Suite 1100
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Fax: (301) 215-4500
Web: www.necanet.org

NSF

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

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Fax: (703) 684-0242
Web: www.agma.org

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Fax: (703) 562-1942
Web: www.ahrinet.org

ASA (ASC S12)

Acoustical Society of America
35 Pinelawn Road, Suite 114E
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Fax: (631) 390-0217
Web: asa.aip.org/index.html

ASHRAE

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Air-Conditioning Engineers, Inc.
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Fax: (678) 539-2159
Web: www.ashrae.org

ASME

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Web: www.asse.org

AWS

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Fax: (305) 443-5951
Web: www.aws.org

BHMA

Builders Hardware Manufacturers
Association
355 Lexington Ave.
15th Floor
New York, NY 10017-6603
Phone: (212) 297-2122
Fax: (212) 370-9047
Web: www.buildershardware.com/

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
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3 Bethesda Metro Center
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Web: www.necanet.org

NSF

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

SAE

Society of Automotive Engineers
755 W. Big Beaver Road
Troy, MI 48084
Phone: (248) 273-2470
Fax: (248) 273-27494
Web: www.sae.org

UL

Underwriters Laboratories, Inc.
12 Laboratory Dr.
Research Triangle Park, NC
27709
Phone: (919) 549-1479
Fax: (919) 547-6179
Web: www.ul.com/

VITA

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

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 Rd. Ste. 220
Arlington, VA 22201

Contact: Susan Gillespie

Phone: (703) 525-4890

Fax: (703) 276-0793

E-mail: sgillespie@aami.org

BSR/AAMI ST55-201x, Table-top steam sterilizers (revision of ANSI/AAMI ST55-2003 (R2008))

BSR/AAMI/ISO 10993-11-2006 (R201x), Biological evaluation of medical devices - Part 11: Tests for systemic toxicity (reaffirmation of ANSI/AAMI/ISO 10993-11-2006)

BSR/AAMI/ISO 11663-201x, Quality of dialysis fluid for haemodialysis and related therapies (identical national adoption and revision of ANSI/AAMI RD52-2004 & Amendments)

BSR/AAMI/ISO 23500-201x, Guidance for the preparation and quality management of fluids for haemodialysis and related therapies (identical national adoption and revision of ANSI/AAMI RD52-2004 & Amendments)

ABMA (American Brush Manufacturers Association)

Office: 2111 West Plum Street Suite 274
Aurora, IL 60506

Contact: David Parr

Phone: (630) 631-5217

Fax: (630) 897-9140

E-mail: dparr@abma.org

BSR B165.1-201x, Power Driven Brushing Tools - Safety Requirements for Design, Care and Use (revision of ANSI B165.1-2005)

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

Office: 2111 Wilson Boulevard
Suite 500
Arlington, VA 22201

Contact: Daniel Abbate

Phone: (703) 524-8800

Fax: (703) 562-1942

E-mail: dabbate@ahrinet.org

BSR/AHRI Standard 430-201x, Central Station Air-Handling Units (revision of ANSI/AHRI Standard 430-1999)

BSR/AHRI Standard 580-201x, Non-Condensable Gas Purge Equipment For Use with Low Pressure Centrifugal Liquid Chillers (revision of ANSI/AHRI Standard 580-2001)

BSR/AHRI Standard 680 (I-P)-201x, Performance Rating of Residential Air Filter Equipment (revision of ANSI/AHRI Standard 680-2004)

BSR/AHRI Standard 681 (SI)-201x, Performance Rating of Residential Air Filter Equipment (revision and partition of ANSI/AHRI Standard 680-2004)

BSR/AHRI Standard 710 (I-P)-201x, Performance Rating of Liquid-Line Driers (revision of ANSI/AHRI Standard 710 (I-P)-2009)

BSR/AHRI Standard 711 (SI)-201x, Performance Rating of Liquid-Line Driers (revision of ANSI/AHRI Standard 711 (SI)-2009)

BSR/AHRI Standard 1120-201x, Acoustical Test Methods and Sound Power Rating Procedures for Transport Refrigeration Equipment (new standard)

BSR/AHRI Standard 1230-201x, Performance Rating of Variable Refrigerant Flow (VRF) Multi-Split Air-Conditioning and Heat Pump Equipment (new standard)

ASA (ASC S1) (Acoustical Society of America)

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BSR S1.15-2005/Part 2 (R201x), Measurement Microphones - Part 2: Primary Method for Pressure Calibration of Laboratory Standard Microphones by the Reciprocity Technique (reaffirmation and redesignation of ANSI S1.15-2005/Part 2)

ASA (ASC S12) (Acoustical Society of America)

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BSR/ASA S12.9-Part 4-201x, Quantities and Procedures for Description and Measurement of Environmental Sound - Part 4: Noise Assessment and Prediction of Long-Term Community Response (revision and redesignation of ANSI S12.9-Part 4-2005)

ASA (ASC S3) (Acoustical Society of America)

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BSR/ASA S3/SC1.3-201x, Standard Method to Define and Measure Ambient Sound in Quiet Outdoor Areas (new standard)

BHMA (Builders Hardware Manufacturers Association)

Office: 355 Lexington Ave.
15th Floor
New York, NY 10017-6603

Contact: Michael Tierney

Phone: (212) 297-2122

Fax: (212) 370-9047

E-mail: mtierney@kellencompany.com;

BSR/BHMA A156.23-201x, Electromagnetic Locks (revision of ANSI/BHMA A156.23-2004)

BSR/BHMA A156.24-201x, Delayed Egress Locking Systems (revision of ANSI/BHMA A156.24-2003)

TAPPI (Technical Association of the Pulp and Paper Industry)

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E-mail: standards@tappi.org

BSR/TAPPI T 465 sp-xx, Static creasing of paper for water vapor transmission tests (new standard)

BSR/TAPPI T 476 om-xx, Abrasion loss of paper and paperboard (Taber-type method) (new standard)

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

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

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

BSR INCITS 470-201x, Information technology - Fibre Channel - Framing and Signaling - 3 (FC-FS-3) (new standard)

NECA (National Electrical Contractors Association)

Office: 3 Bethesda Metro Center
Suite 1100
Bethesda, MD 20814

Contact: Michael Johnston

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Fax: (301) 215-4500

E-mail: am2@necanet.org

BSR/NECA 310-201x, Standard for Installing and Maintaining Access Control, Intrusion Detection, and Alarm Systems (new standard)

BSR/NECA 505-201x, Standard for Installing and Maintaining High Mast, Roadway and Area Lighting (new standard)

SAE (Society of Automotive Engineers)

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Troy, MI 48084

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E-mail: cindyreese@sae.org

BSR/SAE/ISO 9244-201x, Earth Moving Machinery - Product Safety Labels - General Principles (identical national adoption and revision of ANSI/SAE/ISO 9244-2009)

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.

ADA (American Dental Association)

New National Adoptions

ANSI/ADA Specification No. 116-2010, Oral Rinses (identical national adoption of ISO 16408:2004): 2/25/2010

Reaffirmations

ANSI/ADA Specification No. 102-1998 (R2010), Non-Sterile Nitrile Gloves for Dentistry (reaffirmation of ANSI/ADA 102-1998): 2/25/2010

ANSI/ADA Specification No. 103-2001 (R2010), Non-Sterile Poly(Vinyl Chloride) Gloves for Dentistry (reaffirmation of ANSI/ADA 103-2001): 2/25/2010

ANSI/ADA Specification No. 38-2000 (R2010), Metal-Ceramic Dental Restorative Systems (reaffirmation of ANSI/ADA 38-2000): 2/25/2010

ANSI/ADA Specification No. 76-2005 (R2010), Non-Sterile Natural Rubber Latex Gloves for Dentistry (reaffirmation of ANSI/ADA 76-2005): 2/25/2010

Revisions

ANSI/ADA Specification No. 58-2010, Root Canal Files, Type H (Hedstrom) (revision of ANSI/ADA 58-2004): 2/25/2010

ASA (ASC S3) (Acoustical Society of America)

Revisions

ANSI ASA S3.35-2010, Method of Measurement of Performance Characteristics of Hearing Aids Under Simulated Real-Ear Working Conditions (revision and redesignation of ANSI S3.35-2004): 2/25/2010

ASABE (American Society of Agricultural and Biological Engineers)

New National Adoptions

ANSI/ASABE AD23205-2010, Instructional Seat for Agricultural Equipment (national adoption with modifications and revision of ANSI/ASAE S574-AUG00 (R2005)): 2/25/2010

Withdrawals

ANSI/ASAE S574-AUG00, Instructional Seat for Agricultural Equipment (withdrawal of ANSI/ASAE S574-AUG00 (R2005)): 2/25/2010

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

Addenda

ANSI/ASHRAE Addendum 34ak-2010, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2007): 2/24/2010

ANSI/ASHRAE Addendum 62.2j-2010, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2007): 2/24/2010

ANSI/ASHRAE Addendum 62.2q-2010, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2007): 2/24/2010

ANSI/ASHRAE Addendum 62.2r-2010, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2007): 2/24/2010

ANSI/ASHRAE/IESNA Addendum ar to Standard 90.1-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007): 2/24/2010

ANSI/ASHRAE/IESNA Standard 90.1av-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2009): 2/24/2010

ANSI/ASHRAE/IESNA Standard 90.1bp-2010, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2009): 2/24/2010

Revisions

ANSI/ASHRAE Standard 116-2010, Methods of Testing for Rating Seasonal Efficiency of Unitary Air Conditioners and Heat Pumps (revision of ANSI/ASHRAE Standard 116-1995 (R2005)): 2/24/2010

ASME (American Society of Mechanical Engineers)

New Standards

ANSI/ASME EA-4-2010, Energy Assessment for Compressed Air Systems (new standard): 3/3/2010

Revisions

ANSI/ASME B18.29.1-2010, Helical Coil Screw Thread Inserts - Free Running and Screw Locking (Inch Series) (revision of ANSI/ASME B18.29.1-1993 (R2007)): 2/25/2010

ANSI/ASME B30.4-2010, Portal, Tower, and Pedestal Cranes (revision of ANSI/ASME B30.4-2003 (R2009)): 2/25/2010

ANSI/ASME B30.11-2010, Monorails and Underhung Cranes (revision of ANSI/ASME B30.11-2004): 3/1/2010

ASQ (ASC Z1) (American Society for Quality)

New National Adoptions

ANSI/ISO/ASQ Q9004-2009, Quality Management Systems - Requirements (identical national adoption and revision of ANSI/ISO/ASQ Q9004-2000): 2/25/2010

ATIS (Alliance for Telecommunications Industry Solutions)

Revisions

ANSI ATIS 0300264-2010, Alarm Surveillance in a Telecommunications Management Network (revision and redesignation of): 3/1/2010

Withdrawals

ANSI ATIS 0300003.a.-2006, Schema Interface for Fault Management (Trouble Administration) (withdrawal of ANSI ATIS 0300003.a.-2006): 2/25/2010

CEA (Consumer Electronics Association)**New Standards**

ANSI/CEA 2037-2010, Determination of Television Average Power Consumption (new standard): 2/25/2010

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

ANSI Z21.21-2005 (R2010), Automatic Valves for Gas Appliances (same as CSA 6.5) (reaffirmation of ANSI Z21.21-2005): 3/4/2010

ANSI Z21.12-1990 (R2010), ANSI Z21.12a-1993 (R2010), ANSI Z21.12b-1994 (R2010), Draft Hoods (reaffirmation of ANSI Z21.12-1990 (R2005), ANSI Z21.12a-1993 (R2005), and ANSI Z21.12b-1994 (R2005)): 3/4/2010

ANSI Z21.81-2004 (R2010), Z21.81a-2007 (R2010), Standard for Cylinder Connection Devices (same as CSA 6.25 (R201x)) (reaffirmation of ANSI Z21.81-1997 (R2003) and ANSI Z21.81a-2006): 3/3/2010

ANSI Z83.18-2004 (R2010), Z83.18a-2005 (R2010), Z83.18b-2008 (R2010), Recirculating Direct Gas-Fired Industrial Air Heaters (same as CGA 3.18) (reaffirmation of ANSI Z83.18-2000, ANSI Z83.18a-2005, ANSI Z83.18b-2008): 3/3/2010

IEEE (Institute of Electrical and Electronics Engineers)**Supplements**

ANSI/IEEE 802.3at-2009, LAN/MAN - Specific Requirements Part 3: Carrier Sense Multiple Access with Collision Detection (CSMA/CD) Access Method and Physical Layer Specifications - Amendment: Data Terminal Equipment (DTE) Power Via the Media Dependent Interface (MDI) Enhancements (supplement to ANSI/IEEE 802.3-2008): 3/1/2010

ANSI/IEEE 802.11n-2009, Standard for Local and Metropolitan Area Networks - Part 11: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) - Amendment: Enhancements for Higher Throughput (supplement to ANSI/IEEE 802.11-2007): 3/1/2010

ANSI/IEEE 802.15.3c-2009, LAN/MAN - Specific Requirements - Part 15.3: Wireless Medium Access Control (MAC) and Physical Layer (PHY) Specifications for High Rate Wireless Personal Area Networks (WPANs) - Amendment 2: Millimeter-Wave Based Alternative Physical Layer Extension (supplement to ANSI/IEEE 802.15.3-2003 (R2008)): 3/1/2010

NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)**Revisions**

ANSI/NB 23 2010 Edition with 2010 Addendum Cycle A-2010, National Board Inspection Code (revision of ANSI/NB 23 2007 Edition with 2009 Addendum, Cycle A-2009): 2/25/2010

NECA (National Electrical Contractors Association)**New Standards**

ANSI/NECA 130-2010, Standard for Installing and Maintaining Wiring Devices (new standard): 3/4/2010

ANSI/NECA 700-2010, Installing Overcurrent Protection to Achieve Selective Coordination (new standard): 2/25/2010

SCTE (Society of Cable Telecommunications Engineers)**Revisions**

ANSI/SCTE 128-2010, AVC Video Systems and Transport Constraints for Cable Television (revision of ANSI/SCTE 128-2008): 3/4/2010

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

ANSI/UL 125-2010, Standard for Flow Control Valves for Anhydrous Ammonia and LP-Gas (revision of ANSI/UL 125-2009b): 2/26/2010

ANSI/UL 1275-2010, Standard for Safety for Flammable Liquid Storage Cabinets (revision of ANSI/UL 1275-2006): 2/25/2010

Project Initiation Notification System (PINS)

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

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

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

AAMI (Association for the Advancement of Medical Instrumentation)

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BSR/AAMI/ISO 11663-201x, Quality of dialysis fluid for haemodialysis and related therapies (identical national adoption and revision of ANSI/AAMI RD52-2004 & Amendments)

Stakeholders: Users and manufacturers of dialysis equipment.

Project Need: To align with international standards.

Specifies minimum requirements for dialysis fluids used for hemodialysis and hemodiafiltration, including substitution solution for hemodiafiltration and hemofiltration. This standard does not address the requirements for the water and concentrates used to prepare dialysis fluid or the equipment used in its preparation.

BSR/AAMI/ISO 23500-201x, Guidance for the preparation and quality management of fluids for haemodialysis and related therapies (identical national adoption and revision of ANSI/AAMI RD52-2004 & Amendments)

Stakeholders: Users and manufacturers of dialysis equipment.

Project Need: To align with international requirements.

Covers the appropriate prescription of dialysate, handling of concentrates, operation of water treatment equipment and handling of its product water, monitoring of systems and the dialysate produced, and risks and hazards of dialysate preparation failure. This standard presents a systems diagram and explanation for the production, monitoring, and use of dialysate for hemodialysis in the facility.

ABMA (American Brush Manufacturers Association)

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Contact: *David Parr*

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BSR B165.1-201x, Power Driven Brushing Tools - Safety Requirements for Design, Care and Use (revision of ANSI B165.1-2005)

Stakeholders: Producers, users, and organizations with general interest in power brushing tools.

Project Need: To conduct the 5-year revision of the standard via the canvass method.

Establishes the rules and specifications for safety that apply in the design, use, and care of power-driven brushing tools, which are specifically defined and covered under the scope of the standard. This standard includes specifications for shanks, adapters, flanges, collets, chucks, and safety guards and the rules for proper storage, handling, mounting, and use of brushes.

ACMA (American Composites Manufacturers Association)

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Arlington, VA 22201

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BSR/ICPA SS-1-201x, Performance Standard for Solid Surface Materials (identical national adoption and revision of ANSI/ICPA SS-1-2001)

Stakeholders: Material suppliers, equipment suppliers, fabricators and end users.

Project Need: To update the current standard.

The proposal before the canvas panel will be to adopt ISO 191712 as the replacement to the existing ANS/ICPA SS-1-2001.

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

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BSR/AHRI Standard 1120-201x, Acoustical Test Methods and Sound Power Rating Procedures for Transport Refrigeration Equipment (new standard)

Stakeholders: Manufacturers, engineers, installers, contractors, and users.

Project Need: To establish for acoustical test methods and sound power rating procedures for Transport Refrigeration Equipment: definitions; test requirements; rating requirements; minimum data requirements for Published Ratings; and conformance conditions.

Applies to factory-made transport refrigeration equipment.

ASA (ASC S12) (Acoustical Society of America)

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BSR/ASA S12.9-Part 4-201x, Quantities and Procedures for Description and Measurement of Environmental Sound - Part 4: Noise Assessment and Prediction of Long-Term Community Response (revision and redesignation of ANSI S12.9-Part 4-2005)

Stakeholders: Noise control engineers, architects, land use planners, public officials.

Project Need: To update the current standard to promote harmonization with other national and international noise standards.

Specifies methods to assess environmental sounds and to predict the annoyance response of communities to long-term noise from all types of environmental sounds produced by one or more distinct or distributed sound sources. Sound sources may be separate or in combinations. Application of the method of the standard is limited to areas where people reside and related long-term land uses.

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BSR/ASA S3/SC1.3-201x, Standard Method to Define and Measure Ambient Sound in Quiet Outdoor Areas (new standard)

Stakeholders: Resource managers, land use planners, bioacoustical researchers.

Project Need: To define and standardize measurements of ambient sound in natural areas, such as parks and forests and in quiet residential areas.

Applies to parks and wilderness areas, national and state forests, bureau of land management lands, etc. where the ambient is below 45 dB for at least one hour of a typical day. This standard also applies to rural residences in quiet areas where the ambient is below 45 dB for some hours of a typical day.

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

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BSR/ASHRAE Standard 26-201x, Mechanical Refrigeration and Air Conditioning Installations Aboard Ship (revision of ANSI/ASHRAE Standard 26-1996 (R2006))

Stakeholders: Equipment manufacturing, shipping companies, regulators (e.g., US Coast Guard, etc.)

Project Need: To be used by manufacturers, ship owners/operators, and marine regulatory agencies for the design, servicing, and commissioning of shipboard refrigeration and space conditioning.

Covers:

(a) refrigeration and air conditioning systems that are an integral part of the main mechanical plant of merchant, fishing and seafood processing ships; and

(b) refrigerated sea water and brine chilling systems that air condition and dehumidify passenger and cargo spaces, chill or freeze perishable cargo or maintain storage of chilled or frozen cargo.

BSR/ASHRAE Standard 94.1-201x, Method of Testing Active Latent-Heat Storage Devices Based on Thermal Performance (revision of ANSI/ASHRAE Standard 94.1-2002 (R2006))

Stakeholders: Manufacturers of thermal energy storage heating

Project Need: To provide a standard procedure for determining the energy performance of electrically charged thermal energy storage devices used in heating systems.

Applies to latent heat thermal energy storage devices in which a transfer fluid enters the device through a single inlet and leaves the device through a single outlet. This standard is not applicable to those configurations in which there is simultaneous flow into the storage device through more than one inlet or simultaneous flow out of the storage device through more than one outlet. The transfer fluid can be either a liquid or a noncondensing gas.

BSR/ASHRAE Standard 94.3-201x, Method of Testing Active Sensible Thermal Energy Devices Based on Thermal Performance (revision of ANSI/ASHRAE Standard 94.3-1986 (R2006))

Stakeholders: Manufacturers of thermal energy storage heating

Project Need: To provide a standard procedure for determining the energy performance of electrically charged thermal energy storage devices used in heating systems.

Applies to sensible-heat-type thermal energy storage devices in which a transfer fluid enters the device through a single inlet and leaves the device through a single outlet. Storage devices having more than one inlet and/or outlet may be tested according to this standard, but each flow configuration involving a single inlet and single outlet must be tested separately.

BSR/ASHRAE Standard 127-201x, Method of Testing for Rating Computer and Data Processing Room Unitary Air Conditioners (revision of ANSI/ASHRAE Standard 127-2007)

Stakeholders: Manufacturers of specialty HVAC equipment for the mission-critical computer room industry.

Project Need: To establish a testing/rating procedure for the newer technologies now being deployed within computer rooms such as "row-based cooling systems" and enclosed cabinet cooling.

Applies to classes of unitary equipment that are used to air condition computer room and data processing equipment. This standard does not apply to the rating of individual assemblies, such as condensing units or direct expansion fan-coil units for separate use.

BSR/ASHRAE Standard 158.2-201x, Methods of Testing Capacity for Refrigerant Pressure Regulators (revision of ANSI/ASHRAE Standard 158.2P-2006)

Stakeholders: Manufacturers, users, and special-interest energy-conserving individuals and organizations.

Project Need: To establish methods of testing for rating refrigerant pressure-regulating valves, and to apply these methods to regulation valves used to control the flow of volatile refrigerants.

Applies to refrigerant pressure regulators that meet the definition found in Section 3, "Definitions," of this standard, and that are intended for refrigerant service in applications where only single-phase flow occurs within the regulator. This standard is applicable to refrigerant pressure regulators in the following circumstances:

- (a) for use in either liquid or vapor refrigerant applications; and
- (b) for use with refrigerants deemed suitable in accordance with ANSI/ASHRAE Standard 15-2004, Safety Standard for Refrigeration Systems, and ANSI/ASHRAE Standard 34-2004, Designation and Safety Classification of Refrigerants.

ASTM (ASTM International)

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BSR/ASTM WK24244-201x, New Practice for Lateral Bend Test for Polyethylene (PE) butt fusion joints (new standard)

Stakeholders: Plastic piping systems industry.

Project Need:
<http://www.astm.org/DATABASE.CART/WORKITEMS/WK24244.htm>

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK24244.htm>

BSR/ASTM WK27596-201x, New Test Method for Enhanced Performance of Combination Oven in Various Modes (new standard)

Stakeholders: Productivity and energy protocol industry.

Project Need:
<http://www.astm.org/DATABASE.CART/WORKITEMS/WK27596.htm>

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK27596.htm>

ASTM (ASTM International)

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BSR/ASTM WK27664-201x, New Guide for Qualification and Development of General Aviation Spark Ignition Engine Fuels for Otto Cycle Engines (new standard)

Stakeholders: Aviation gasoline industry.

Project Need:
<http://www.astm.org/DATABASE.CART/WORKITEMS/WK27664.htm>

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK27664.htm>

ISA (ISA)

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BSR/ISA 84.00.01, Part 1 (IEC 61511-1 Mod)-2004 (R201x), Functional safety - Safety instrumented systems for the process industry sector - Part 1: Framework, definitions, system, hardware and software requirements (reaffirmation of ANSI/ISA 84.00.01, Part 1 (IEC 61511-1 Mod)-2004)

Stakeholders: All sectors of the processing industries, including chemical and petroleum.

Project Need: To reaffirm one of the central process safety standards used in industry.

Places requirements on the specification, design, installation, operation, and maintenance of a safety instrumented system, so that it can be confidently entrusted to place and/or maintain the process in a safe state. Developed as a process sector implementation of IEC 61508, "Functional safety of electrical/electronic/programmable electronic safety related systems."

BSR/ISA 84.00.01, Part 2 (IEC 61511-2 Mod)-2004 (R201x), Functional safety - Safety instrumented systems for the process industry sector - Part 2: Guidelines for the application of IEC 61511-1 (reaffirmation of ANSI/ISA 84.00.01, Part 2 (IEC 61511-2 Mod)-2004)

Stakeholders: All sectors of the processing industries, including chemical and petroleum.

Project Need: To reaffirm one of the central process safety standards used in industry.

Provides guidance on how to comply with IEC 61511-1, which was developed as a process sector implementation of IEC 61508, "Functional safety of electrical/electronic/programmable electronic safety related systems."

BSR/ISA 84.00.01, Part 3 (IEC 61511-3 Mod)-2004 (R201x), Functional safety - Safety instrumented systems for the process industry sector - Part 3: Guidance for the determination of the required safety integrity levels (reaffirmation of ANSI/ISA 84.00.01, Part 3 (IEC 61511-3 Mod)-2004)

Stakeholders: All sectors of the processing industries, including chemical and petroleum.

Project Need: To reaffirm one of the central process safety standards used in industry.

Describes Functional safety - Safety instrumented systems for the process industry sector - Part 3: Guidance for the determination of the required safety integrity levels.

TAPPI (Technical Association of the Pulp and Paper Industry)

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Norcross, GA 30033

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E-mail: standards@tappi.org

BSR/TAPPI T 465 sp-xx, Static creasing of paper for water vapor transmission tests (new standard)

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

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

Provides a recommended practice to be used for the creasing of paper and other thin sheet materials to provide reproducibly creased specimens for testing water vapor transmission. This standard is not applicable to paperboard.

BSR/TAPPI T 476 om-xx, Abrasion loss of paper and paperboard (Taber-type method) (new standard)

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

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

Determines the resistance of surfaces of paper and paperboard to the action of abrasion, either wet or dry, by measuring abrasion loss. This test is not applicable to the surfaces treated with wax or similar materials which would fill in the pores of the abrasive wheels.

UL (Underwriters Laboratories, Inc.)

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BSR/UL 2737-201x, Standard for Crane Insulators (new standard)

Stakeholders: Crane insulator manufacturers and users, crane manufacturers and users, construction industry.

Project Need: To attain a national ANSI standard covering crane insulators, for use by but not limited to, the construction industry including tag-line insulating links, in foundries, with munitions and for radio-frequency suppression.

Specifies requirements and related tests for crane insulators that are designed for use by operators of cranes and by the construction industry including tag line insulating links, in foundries, with munitions and for radio-frequency suppression. This Standard specifies the characteristic mechanical and electrical performance levels required for these insulating devices.

UL (Underwriters Laboratories, Inc.)

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Northbrook, IL 60062

Contact: *Megan VanHeirseele*

Fax: (847) 313-2881

E-mail: Megan.M.VanHeirseele@us.ul.com

BSR/UL 1973-201x, Batteries for Use in Light Electric Rail (LER) and Stationary Applications (new standard)

Stakeholders: UPS manufacturers and groups that need uninterruptible power supplies such as hospitals, telecom, etc.

Project Need: To create a new standard.

Covers nickel metal hydride batteries for use in light electric rail (LER) applications and stationary applications such as rail substations. These requirements also cover batteries for use in stationary applications such as for power storage for photovoltaic and wind systems.

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 Rachel Howenstine, at ANSI's New York offices (isot@ansi.org). The final date for offering comments is listed after each draft.

Ordering Instructions

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

FIRE SAFETY (TC 92)

ISO/DIS 12949, Standard test method for measuring the heat release rate of low flammability mattresses and mattress sets - 5/27/2010, \$82.00

IMPLANTS FOR SURGERY (TC 150)

ISO/DIS 5834-2, Implants for surgery - Ultra-high-molecular-weight polyethylene - Part 2: Moulded forms - 5/26/2010, \$33.00

PACKAGING (TC 122)

ISO/DIS 11156, Packaging - Accessible design - General guidelines - 5/27/2010, \$71.00

PHOTOGRAPHY (TC 42)

ISO/DIS 18946, Imaging materials - Reflection colour photographic prints - Method for testing humidity fastness - 5/27/2010, \$67.00

THERMAL INSULATION (TC 163)

ISO/DIS 13791, Thermal performance of buildings - Calculation of internal temperatures of a room in summer without mechanical cooling - General criteria and validation procedures - 5/26/2010, \$155.00

ISO/DIS 13792, Thermal performance of buildings - Calculation of internal temperatures of a room in summer without mechanical cooling - Simplified methods - 5/26/2010, \$125.00



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

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO 27025:2010, Space systems - Programme management - Quality assurance requirements, \$157.00

ISO 27875:2010, Space systems - Re-entry risk management for unmanned spacecraft and launch vehicle orbital stages, \$73.00

CAST IRON AND PIG IRON (TC 25)

ISO 945-1/Cor1:2010, Microstructure of cast irons - Part 1: Graphite classification by visual analysis - Corrigendum, FREE

CERAMIC TILE (TC 189)

ISO 10545-16:2010, Ceramic tiles - Part 16: Determination of small colour differences, \$49.00

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

ISO 10579:2010, Geometrical product specifications (GPS) - Dimensioning and tolerancing - Non-rigid parts, \$49.00

EQUIPMENT FOR FIRE PROTECTION AND FIRE FIGHTING (TC 21)

ISO 7240-24:2010, Fire detection and fire alarm systems - Part 24: Sound-system loudspeakers, \$135.00

FIRE SAFETY (TC 92)

ISO 16312-1:2010, Guidance for assessing the validity of physical fire models for obtaining fire effluent toxicity data for fire hazard and risk assessment - Part 1: Criteria, \$73.00

FLUID POWER SYSTEMS (TC 131)

ISO 4395/Cor1:2010, Fluid power systems and components - Cylinders - Piston rod thread dimensions and types - Corrigendum, FREE

GRAPHIC TECHNOLOGY (TC 130)

ISO 12643-4:2010, Graphic technology - Safety requirements for graphic technology equipment and systems - Part 4: Converting equipment and systems, \$157.00

HEALTH INFORMATICS (TC 215)

ISO 13606-5:2010, Health informatics - Electronic health record communication - Part 5: Interface specification, \$86.00

IMPLANTS FOR SURGERY (TC 150)

ISO 14708-6:2010, Implants for surgery - Active implantable medical devices - Part 6: Particular requirements for active implantable medical devices intended to treat tachyarrhythmia (including implantable defibrillators), \$206.00

NON-DESTRUCTIVE TESTING (TC 135)

ISO 15548-1/Cor1:2010, Non-destructive testing - Equipment for eddy current examination - Part 1: Instrument characteristics and verification - Corrigendum, FREE

NUCLEAR ENERGY (TC 85)

ISO 11929:2010, Determination of the characteristic limits (decision threshold, detection limit and limits of the confidence interval) for measurements of ionizing radiation - Fundamentals and application, \$157.00

OTHER

ISO 8995-3:2006, Lighting of work places - Part 3: Lighting requirements for safety and security of outdoor work places, \$49.00

PAINTS AND VARNISHES (TC 35)

ISO 9117-2:2010, Paints and varnishes - Drying tests - Part 2: Pressure test for stackability, \$49.00

ISO 9117-3:2010, Paints and varnishes - Drying tests - Part 3: Surface-drying test using ballotini, \$43.00

PAPER, BOARD AND PULPS (TC 6)

ISO 14436:2010, Pulps - Standard tap water for drainability measurements - Conductivity 40 mS/m to 150 mS/m, \$49.00

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

ISO 8779:2010, Plastics piping systems - Polyethylene (PE) pipes for irrigation - Specifications, \$80.00

ISO 11295:2010, Classification and information on design of plastics piping systems used for renovation, \$116.00

ISO 11298-1:2010, Plastics piping systems for renovation of underground water supply networks - Part 1: General, \$80.00

ISO 11298-3:2010, Plastics piping systems for renovation of underground water supply networks - Part 3: Lining with close-fit pipes, \$80.00

PLASTICS (TC 61)

ISO 4898:2010, Rigid cellular plastics - Thermal insulation products for buildings - Specifications, \$80.00

ROAD VEHICLES (TC 22)

ISO 10605/Cor1:2010, Road vehicles - Test methods for electrical disturbances from electrostatic discharge - Corrigendum, FREE

ISO 12214:2010, Road vehicles - Direction-of-motion stereotypes for automotive hand controls, \$65.00

SAFETY OF MACHINERY (TC 199)

ISO 11161/Amd1:2010, Industrial automation systems - Safety of integrated manufacturing systems - Basic requirements - Amendment 1, \$16.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO 21072-3:2010, Ships and marine technology - Marine environment protection: performance testing of oil skimmers - Part 3: High viscosity oil, \$65.00

TEXTILES (TC 38)

ISO 105-C08:2010, Textiles - Tests for colour fastness - Part C08: Colour fastness to domestic and commercial laundering using a non-phosphate reference detergent incorporating a low-temperature bleach activator, \$57.00

ISO 3175-1:2010, Textiles - Professional care, drycleaning and wetcleaning of fabrics and garments - Part 1: Assessment of performance after cleaning and finishing, \$57.00

ISO 3175-2:2010, Textiles - Professional care, drycleaning and wetcleaning of fabrics and garments - Part 2: Procedure for testing performance when cleaning and finishing using tetrachloroethene, \$57.00

ISO 14419:2010, Textiles - Oil repellency - Hydrocarbon resistance test, \$57.00

THERMAL INSULATION (TC 163)

ISO 8143:2010, Thermal insulation products for building equipment and industrial installations - Calcium silicate products, \$104.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO 25112:2010, Intelligent transport systems - Communications access for land mobiles (CALM) - Mobile wireless broadband using IEEE 802.16, \$57.00

ISO 25113:2010, Intelligent transport systems - Communications access for land mobiles (CALM) - Mobile wireless broadband using HC-SDMA, \$57.00

TYRES, RIMS AND VALVES (TC 31)

ISO 4251-4:2010, Tyres (ply rating marked series) and rims for agricultural tractors and machines - Part 4: Tyre classification and nomenclature, \$43.00

ISO 10191:2010, Passenger car tyres - Verifying tyre capabilities - Laboratory test methods, \$80.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO 17635:2010, Non-destructive testing of welds - General rules for metallic materials, \$92.00

ISO 23279:2010, Non-destructive testing of welds - Ultrasonic testing - Characterization of indications in welds, \$80.00

ISO Technical Reports**BUILDING CONSTRUCTION MACHINERY AND EQUIPMENT (TC 195)**

ISO/TR 12603:2010, Building construction machinery and equipment - Classification, \$80.00

ISO Technical Specifications**AGRICULTURAL FOOD PRODUCTS (TC 34)**

ISO/TS 10272-3:2010, Microbiology of food and animal feeding stuffs - Horizontal method for detection and enumeration of *Campylobacter* spp. - Part 3: Semi-quantitative method, \$92.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 14496-5/Amd23:2010, Reference software for MPEG-4 - Amendment 2: Synthesized texture reference software, \$16.00

ISO/IEC 14496-20/Amd2:2010, Information technology - Coding of audio-visual objects - Part 20: Lightweight Application Scene Representation (LAsE) and Simple Aggregation Format (SAF) - Amendment 2: Technology for scene adaptation, \$16.00

IEC Standards**ALL-OR-NOTHING ELECTRICAL RELAYS (TC 94)**

IEC 61810-1 Ed. 3.0 en Cor.1:2010, Corrigendum 1 - Electromechanical elementary relays - Part 1: General requirements, \$0.00

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

IEC 61156-5 Ed. 2.0 en Cor.2:2010, Corrigendum 2 - Multicore and symmetrical pair/quad cables for digital communications - Part 5: Symmetrical pair/quad cables with transmission characteristics up to 1 000 MHz - Horizontal floor wiring - Sectional specification, \$0.00

IEC 62562 Ed. 1.0 en:2010, Cavity resonator method to measure the complex permittivity of low-loss dielectric plates, \$97.00

ELECTRIC TRACTION EQUIPMENT (TC 9)

IEC 62497-1 Ed. 1.0 b:2010, Railway applications - Insulation coordination - Part 1: Basic requirements - Clearances and creepage distances for all electrical and electronic equipment, \$204.00

IEC 62497-2 Ed. 1.0 b:2010, Railway applications - Insulation coordination - Part 2: Overvoltages and related protection, \$61.00

ELECTRICAL APPARATUS FOR EXPLOSIVE ATMOSPHERES (TC 31)

IEC 60079-25 Ed. 2.0 b:2010, Explosive atmospheres - Part 25: Intrinsically safe electrical systems, \$250.00

ENVIRONMENTAL STANDARDIZATION FOR ELECTRICAL AND ELECTRONIC PRODUCTS AND SYSTEMS (TC 111)

IEC/TR 62476 Ed. 1.0 en:2010, Guidance for evaluation of product with respect to substance-use restrictions in electrical and electronic products, \$97.00

FIBRE OPTICS (TC 86)

IEC/TR 61292-6 Ed. 1.0 en:2010, Optical amplifiers - Part 6: Distributed Raman amplification, \$117.00

IEC 61280-2-3 Ed. 1.0 b:2010, Fibre optic communication subsystem test procedures - Part 2-3: Digital systems - Jitter and wander measurements, \$179.00

IEC 62077 Ed. 2.0 en:2010, Fibre optic interconnecting devices and passive components - Fibre optic circulators - Generic specification, \$117.00

FUSES (TC 32)

IEC 60691 Amd.2 Ed. 3.0 en:2010, Amendment 2 - Thermal-links - Requirements and application guide, \$19.00

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

IEC/TR 62541-1 Ed. 1.0 en:2010, OPC Unified Architecture - Part 1: Overview and Concepts, \$128.00

IEC/TR 62541-2 Ed. 1.0 en:2010, OPC Unified Architecture - Part 2: Security Model, \$143.00

IEC 61326-1 Ed. 1.0 b Cor.2:2010, Corrigendum 2 - Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 1: General requirements, \$0.00

- IEC 62439-1 Ed. 1.0 en:2010, Industrial communication networks - High availability automation networks - Part 1: General concepts and calculation methods, \$204.00
- IEC 62439-2 Ed. 1.0 en:2010, Industrial communication networks - High availability automation networks - Part 2: Media Redundancy Protocol (MRP), \$235.00
- IEC 62439-3 Ed. 1.0 en:2010, Industrial communication networks - High availability automation networks - Part 3: Parallel Redundancy Protocol (PRP) and High-availability Seamless Redundancy (HSR), \$204.00
- IEC 62439-4 Ed. 1.0 en:2010, Industrial communication networks - High availability automation networks - Part 4: Cross-network Redundancy Protocol (CRP), \$179.00
- IEC 62439-5 Ed. 1.0 en:2010, Industrial communication networks - High availability automation networks - Part 5: Beacon Redundancy Protocol (BRP), \$179.00
- IEC 62439-6 Ed. 1.0 en:2010, Industrial communication networks - High availability automation networks - Part 6: Distributed Redundancy Protocol (DRP), \$235.00

LAMPS AND RELATED EQUIPMENT (TC 34)

- IEC/TR 61341 Ed. 2.0 b:2010, Method of measurement of centre beam intensity and beam angle(s) of reflector lamps, \$51.00
- IEC 60061-DB-12M Ed. 1.0 b:2010, Lamp caps and holders together with gauges for the control of interchangeability and safety - 12-month subscription to online database comprising all parts of IEC 60061, \$612.00
- IEC 60081 Amd.4 Ed. 5.0 b:2010, Amendment 4 - Double-capped fluorescent lamps - Performance specifications, \$158.00
- IEC 61549 Amd.2 Ed. 2.0 b:2010, Amendment 2 - Miscellaneous lamps, \$31.00

MARITIME NAVIGATION AND RADIOCOMMUNICATION EQUIPMENT AND SYSTEMS (TC 80)

- IEC 61097-14 Ed. 1.0 en:2010, Global maritime distress and safety system (GMDSS) - Part 14: AIS search and rescue transmitter (AIS-SART) - Operational and performance requirements, methods of testing and required test results, \$158.00

PERFORMANCE OF HOUSEHOLD ELECTRICAL APPLIANCES (TC 59)

- IEC 60704-1 Ed. 3.0 b:2010, Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 1: General requirements, \$143.00

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)

- IEC 60335-2-24 Ed. 7.0 b:2010, Household and similar electrical appliances - Safety - Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice makers, \$204.00
- IEC 60335-2-89 Ed. 2.0 b:2010, Household and similar electrical appliances - Safety - Part 2-89: Particular requirements for commercial refrigerating appliances with an incorporated or remote refrigerant unit or compressor, \$179.00

SEMICONDUCTOR DEVICES (TC 47)

- IEC 60191-6-19 Ed. 1.0 b:2010, Mechanical standardization of semiconductor devices - Part 6-19: Measurement methods of the package warpage at elevated temperature and the maximum permissible warpage, \$61.00

WINDING WIRES (TC 55)

- IEC 60317-15 Amd.1 Ed. 3.0 b:2010, Amendment 1 - Specifications for particular types of winding wires - Part 15: Polyesterimide enamelled round aluminium wire, class 180, \$18.00
- IEC 60317-18 Ed. 3.1 b:2010, Specifications for particular types of winding wires - Part 18: Polyvinyl acetal enamelled rectangular copper wire, class 120, \$56.00
- IEC 60317-22 Ed. 3.1 b:2010, Specifications for particular types of winding wires - Part 22: Polyester or polyesterimide enamelled round copper wire overcoated with polyamide, class 180, \$56.00
- IEC 60317-42 Amd.1 Ed. 1.0 b:2010, Amendment 1 - Specifications for particular types of winding wires - Part 42: Polyester-amide-imide enamelled round copper wire, class 200, \$19.00

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.

Call for Members

NFSI Standards Committee B101 – Safety Requirements for Slip, Trip and Fall Prevention

The NFSI Standards Committee B101 on "Safety Requirements for Slip, Trip and Fall Prevention" is actively seeking membership in the User Category. A User is defined as: An entity that maintains or installs any pedestrian walking surface or consumes products which impacts the probability of slips, trips and falls. Users also include the owners and occupiers of said premises and those providing consultative services in the evaluation of slips, trips and falls. Annual Member dues are based upon a flat fee of \$495. If you meet this qualification please contact Laura Cooper at laurac@nfsi.org.

ANSI Accredited Standards Developers

Application for Accreditation

National Windshield Repair Association (NWRA)

Comment Deadline: April 5, 2010

The National Windshield Repair Association (NWRA), a new full ANSI Organizational Member in 2010, has submitted an application for accreditation as an ANSI Accredited Standards Developer and proposed operating procedures for documenting consensus on proposed American National Standards. NWRA's proposed scope of standards activity is as follows:

To develop and maintain standards relating to the windshield repair industry This includes repair of vehicle glass only, not replacement.

To obtain a copy of NWRA's proposed operating procedures, or to offer comments, please contact: Ms. Wendy Jozwiak, Director of Operations, NWRA, P.O. Box 569, Garrisonville, VA 22463; PHONE: (540) 720-7484; FAX: (540) 720-3470; E-mail: wendy@nwra.org. Please submit your comments to NWRA by April 5, 2010, with a copy to the Recording Secretary, ExSC in ANSI's New York Office (jthompso@ansi.org). As the proposed procedures are available electronically, the public review period is 30 days. You may view or download a copy of NWRA's proposed operating procedures from ANSI Online 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%2fANSI%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBAEEC5D7C60%7d>.

U.S. Technical Advisory Groups

Approval of TAG Accreditation

U.S. TAG to ISO/TC 243 – Consumer Product Safety

ANSI's Executive Standards Council (ExSC) has approved the accreditation of a new U.S. Technical Advisory Group to ISO Technical Committee 243, Consumer product safety with Underwriters Laboratories (UL), a full ANSI organizational member, appointed as TAG Administrator. For additional information, please contact: Mr. Robert Williams, Vice-President, Standards, UL, 12 Laboratory Drive, Research Triangle Park, NC 27709-3995; PHONE: (919) 549-1977; FAX: (919) 547-6473; E-mail: Robert.A.Williams@us.ul.com.

Meeting Notice

ANSI-Accredited U.S. TAG to ISO/TC 229 Nanotechnologies

The ANSI-Accredited U.S. TAG to ISO/TC 229 Nanotechnologies will meet on April 6-7, 2010, at the Offices of Keller and Heckman, LLP in Washington, DC. For additional information or to join the U.S. TAG, please contact Heather Benko (hbenko@ansi.org) at ANSI.

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

Biogas

Comment Deadline: March 12, 2010

SAC (Peoples' Republic of China) has submitted the attached proposal to ISO for a new field of technical activity on the subject of Biogas with the following proposed scope:

The standards on biogas subject will address the following areas:

- Biogas Glossary;
- Designing, Construction, Commissioning, Check and Test of Small Biogas Facilities (Household Biogas Pool);
- Designing, Construction, Commissioning, Check and Test of Large and Middle Scale Biogas Plants;
- Designing, Manufacturing, Installation, Inspection of Biogas Equipments;
- Designing, Manufacturing, Inspection of Products for Biogas Application;
- Designing, Manufacturing, Installation, Inspection of Equipments and Facilities for Biogas Power Generation;
- Comprehensive Use of Digested Solid and Liquid;
- Appraisal on Technical, Economical and Environmental Benefit of Biogas Facilities.

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

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

Anyone wishing to review the new work item can request a copy of the proposal by contacting Rachel Howenstine via email: rhowenstine@ansi.org by March 9th with submission of comments to Steven Cornish (scornish@ansi.org) by Friday, March 12, 2010.

Information Concerning

U.S. Technical Advisory Groups

Call for Participation

INCITS Panel on Green ICT (Information and Communication Technologies)

ISO/IEC JTC 1 has identified Green ICT as a significant topic in the industry and wishes to understand the current status of relevant standardization and to explore a possible role for JTC 1. To this end, JTC 1 has established a Study Group on Green ICT (SG-GICT) to investigate market requirements for standardization, to initiate dialogues with relevant SDOs and consortia and to identify possible new work items for JTC 1 to help reduce the environmental impact by applying ICT's technologies in other identified business sectors. The JTC 1 Study Group on Green ICT will operate under the following terms of reference:

- Assess the current state of standardization in Green ICT within JTC 1 and in other SDOs and consortia with a special focus on assessing what ICT technologies other sectors use to reduce their environmental impacts and how the use of ICT technologies can help to reduce the environmental impact of additional sectors.
- Liaise and collaborate with ISO and IEC TCs and other relevant SDOs and consortia related to Green ICT and the reduction of the environmental impact of other sectors through application of ICT technologies to document standardization market/business/user requirements and the challenges to be addressed through standardization.
- Survey best practices for green technology development and document recommended attributes for JTC 1 standards development. The document will be shared with JTC 1 SCs and WGs for their use in standards development.
- Hold workshops to gather requirements as needed.

The INCITS Executive Board, the ANSI accredited TAG to ISO/IEC JTC 1, has established the INCITS Panel on Green ICT (Information and Communication Technologies) to represent US National Body interests on the JTC 1 Study Group on Green ICT. Participation on the INCITS Panel on Green ICT is open to all interested parties.

To request membership on the INCITS Panel on Green ICT and find out more about participating on its March 25, 2010 teleconference, please contact Ms. Jennifer Garner at jgarner@itic.org or 202-626-5737.

BSR/ASHRAE/IESNA Addendum bb
to ANSI/ASHRAE/IESNA Standard 90.1-2007

Public Review Draft

ASHRAE® Standard

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

Third Public Review - ISC (February
2010)
(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, use the comment form and instructions provided with this draft. 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 1-800-727-4723 (for orders in the U.S. or Canada).

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

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

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



BSR/ASHRAE/IESNA Addendum bb to ANSI/ASHRAE/IESNA Standard 90.1-2007, *Energy Standard for Buildings Except Low-Rise Residential Buildings*
Third Public Review Draft - ISC

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

FOREWORD

This ISC 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. In summary the text changes related to the ISC are in Appendix A and Appendix C.

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Addendum bb to 90.1-2007

Revise the Standard as follows (IP and SI Units)

Modify Section A2.3 as follows:

A2.3.1 General. For the purpose of Section A1.2, the base assembly is a *roof* where the insulation is compressed when installed beneath metal roof panels attached to the steel structure (purlins). Additional assemblies include *continuous insulation*, uncompressed and uninterrupted by framing. Insulation exposed to a *conditioned space* or *semiheated space* shall have a facing, and all insulation seams shall be continuously sealed to provide a ~~continuous air barrier~~.

Modify Section C3.5 as follows:

C3.5 The *U-factor* for *fenestration* in the base envelope design shall be equal to the criteria from Tables 5.5-1 through 5.5-8 for the appropriate climate. The *SHGC* for *fenestration* in the base envelope design shall be equal to the criteria from Tables 5.5-1 through 5.5-8. For portions of those tables where there are no SHGC requirements, the *SHGC* shall be equal to 0.40 for all *vertical fenestration*, and 0.55 for *skylights*. The *VT* for *fenestration* in the base envelope design shall be equal to ~~1.50~~ 1.10 times the *SHGC* criteria as determined in this subsection.

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Second Public Review (February 2010)
(Draft Shows Proposed Changes to
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FOREWORD

This major revision addresses the comments received during the first public review calling for clarification of the requirements to reduce misinterpretation on the proposed monitoring requirements. The committee still finds merit in the requirement for monitoring at this level of detail.

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Addendum bz to 90.1-2007

Modify the Standard as follows (IP and SI Units)

8.4.2.1 Monitoring. Measurement devices shall be installed to monitor the electrical energy use for each of the following separately:

- a. Total electrical energy.
- b. HVAC Systems.
- c. Interior lighting.
- d. Exterior lighting.
- e. Receptacle circuits.

For buildings with tenants, these systems shall be separately monitored for the total building and (excluding shared systems) for each individual tenant. Electrical energy usage shall be monitored separately for the total building, interior lighting system, exterior lighting system, HVAC systems, and receptacle circuits. Individual tenant spaces shall be monitored separately. Utility grade monitors shall not be required.

Exceptions:

- a) ~~Building permits for less than 10,000 ft² in total area.~~
- b) ~~Dwelling units.~~
- c) ~~Residential buildings with less than 10,000 ft² of common area.~~

8.4.2.2 Recording and Reporting. The electrical energy usage for all loads specified in 8.4.2.1 the total building, interior lighting system, exterior lighting system, HVAC systems, receptacle circuits, and all other loads shall be reported recorded a minimum of every 15 minutes and reported at least for intervals of 15 minutes, hourly, daily, monthly, and annually. The data for each tenant space shall be made available to

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~~that tenant, 15-minute peak demand shall be reported for the energy usage of the total building.~~—The system shall be capable of maintaining all data collected for a minimum of 36 months.”

Exceptions to 8.4.2.1 and 8.4.2.2:

- a. Building or additions less than 10,000 ft².
- b. Individual tenant spaces less than 5,000 ft².
- c. Dwelling units.
- d. Residential buildings with less than 10,000 ft² of common area.

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FOREWORD

These changes serve to clarify the requirements and avoid conflicts with other existing requirements for lighting space control

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Addendum ce to 90.1-2007

Modify the Standard 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. All controlled lighting shall meet the following requirements:

- 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.

Exceptions to 9.4.1.2 (a)

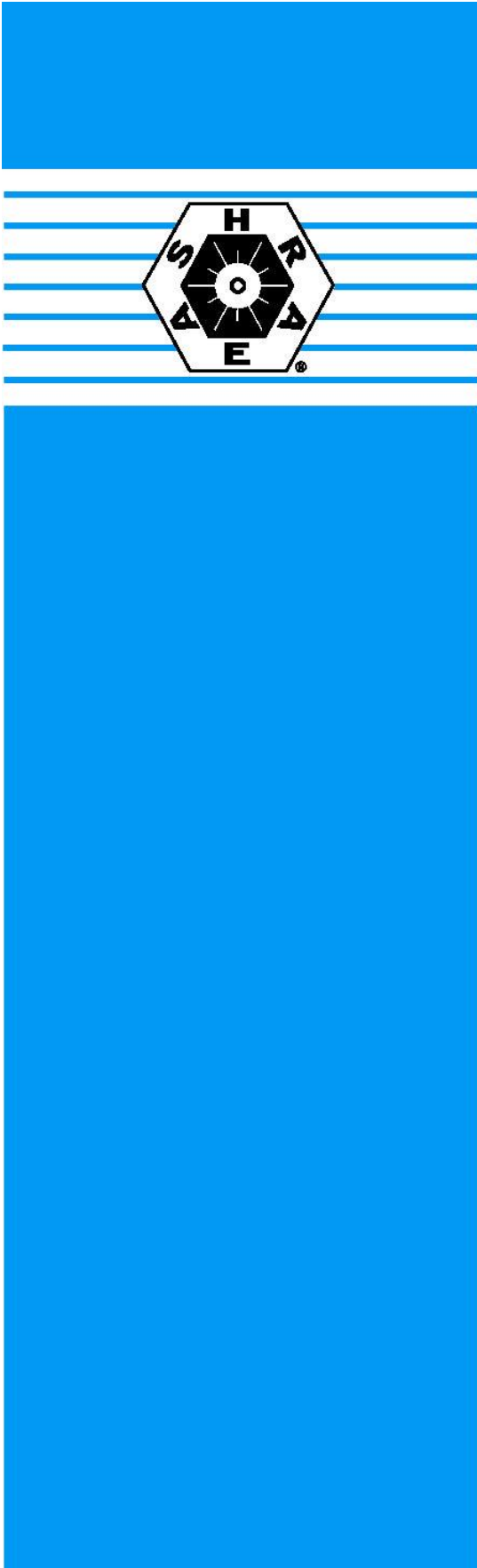
1. Lights in corridors, electrical/mechanical rooms, public lobbies, restrooms, stairways, and storage rooms
 2. Spaces with only one luminaire with rated input power less than 100W.
 3. Space types with a lighting power densities allowance of less than 0.6 W/ft² (see Table 9.6.1).
- b. In the following space types, an *occupant sensor* or a timer switch shall be installed that automatically turns lighting off within 30 minutes of all occupants leaving a space:
 1. Classrooms and lecture halls,
 2. conference, meeting, and training rooms,
 3. employee lunch and break rooms,
 4. storage and supply rooms between 50 ft² and 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):

1. Spaces with *multi-scene control* systems

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2. Shop and laboratory classrooms
 3. Spaces where an automatic shutoff would endanger the safety or security of the room or building occupant(s)
 4. Lighting required for 24-hour operation
- c. For spaces not included in 9.4.1.2(b) ~~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 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 at a time.



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FOREWORD

This proposed change originated with a continuous maintenance proposal to address information received on addendum bs after the public review period closed and which the subcommittee found to have merit. The change from a list of exemptions that may not be incomplete to a set of spaces where the control is required eliminates many potential practical application issues (that tends to reduce compliance) while still retaining the requirement in those spaces expected to provide the vast majority of savings.

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Addendum cs to 90.1-2007

Modify Section 8.4.2 as follows: (SI and IP units)

8.4.2 Automatic Receptacle Control

At least 50% of all 1250 volt 15- and 20-Ampere receptacles, including those installed in modular partitions, installed in ~~an enclosed space~~ the following space types:

- a. Private offices
- b. Open offices
- c. Computer Classrooms

shall be controlled by an *automatic control device* that shall function on:

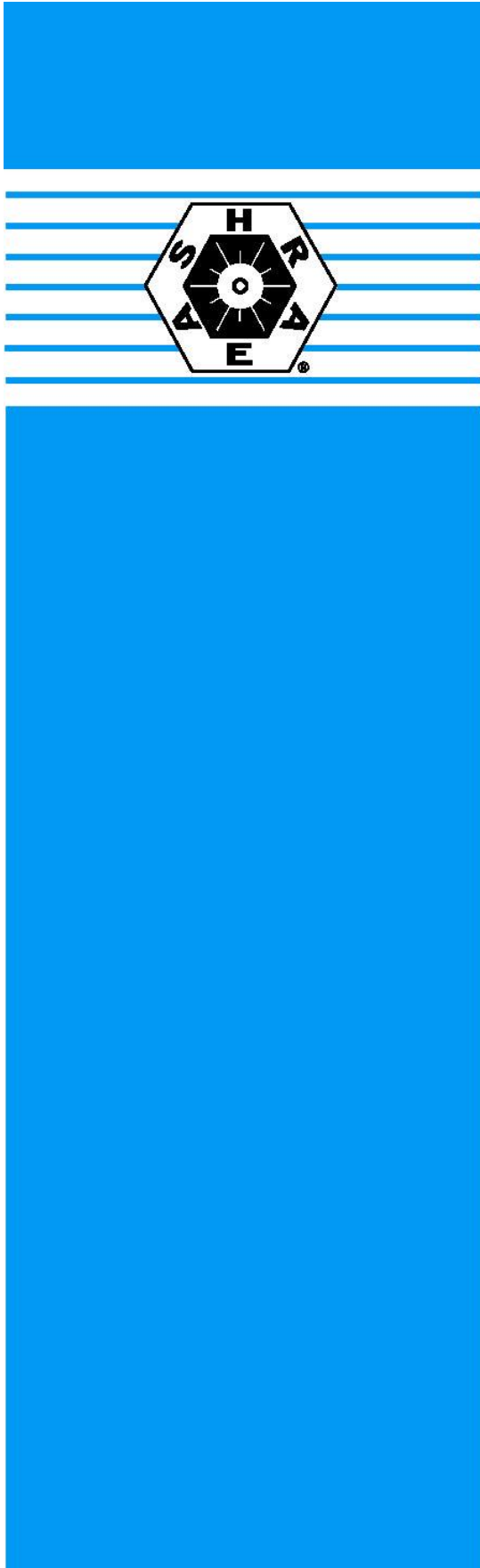
- a. a scheduled basis using a time-of-day operated control device that turns receptacles off at specific programmed times - an independent program schedule shall be provided for areas of no more than 25,000 ft² but not more than one floor, or
- b. an *occupant sensor* that shall turn receptacles off within 30 minutes of all occupants leaving a space, or

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- 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. Corridors~~
- ~~e. Hotel and motel guest rooms~~
- ~~f. Restrooms~~



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FOREWORD

This proposal will control the “night lights” that are part of the emergency system when there are no occupants in the space. This has definite energy savings and is not prohibited by the electrical codes. There is nothing in the National Electric Code that dictates that emergency lighting be ON when normal power is present or the building is unoccupied.

The NEC defines the “how” of emergency lighting, not the when or where.

From NEC 2005 Handbook:

700.1 Scope. The provisions of this article apply to the electrical safety of the installation, operation, and maintenance of emergency systems consisting of circuits and equipment intended to supply, distribute, and control electricity for illumination, power, or both, to required facilities when the normal electrical supply or system is interrupted.

FPN No. 4: For specification of locations where emergency lighting is considered essential to life safety, see NFPA 101®-2003, Life Safety Code®.

The NFPA 101 2006 code says that the means of egress shall be illuminated during periods of occupancy:

7.8.1.2 Illumination of means of egress shall be continuous during the time that the conditions of occupancy require that the means of egress be available for use, unless otherwise provided in 7.8.1.2.2.

...and specifically allows the control of egress lighting:

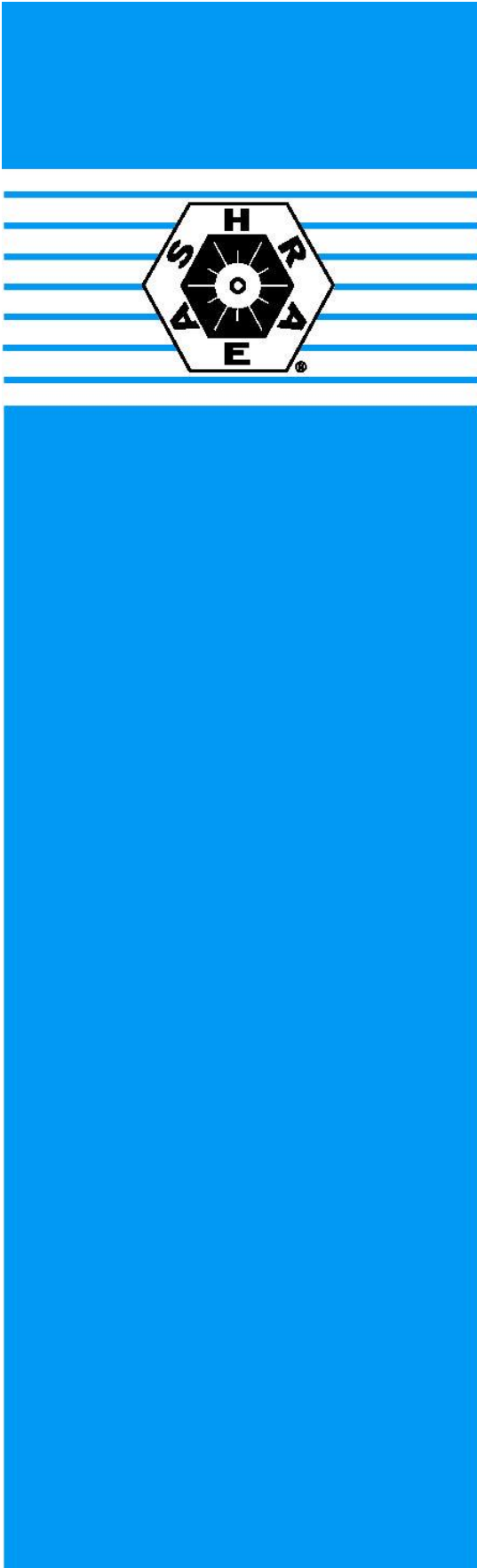
7.8.1.2.2 Automatic, motion sensor-type lighting switches shall be permitted within the means of egress, provided that the switch controllers are equipped for fail-safe operation, the illumination timers are set for a minimum 15-minute duration, and the motion sensor is activated by any occupant movement in the area served by the lighting units.

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Addendum cu to 90.1-2007

Revise the Standard as follows (I-P and SI units)

9.4.1.1 Automatic Lighting Shutoff. Interior lighting in *buildings including lighting with dual functionality as normal and emergency lighting* shall be controlled with an *automatic control device* to shut off *building* lighting in all spaces.....



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FOREWORD

A Continuous Maintenance Proposal was submitted that indicated there is substantial energy waste in many service water booster systems.

Service water (aka domestic water) booster pump systems can waste substantial energy in three ways:

- 1. It is common to boost pressure beyond the pressure needed under most conditions and then to reduce that pressure with one or more pressure reducing valves.*
- 2. Even relatively efficient systems incorporating variable speed drives may be controlled in ways that require the pumps to run even when there is no service water flow.*
- 3. The pressure maintained may be more than needed during low flow conditions when there is less piping pressure loss to account for.*

Locating the pressure sensor near the critical fixture (usually at the highest floor of the building) conserves energy by minimizing the setpoint during non-peak conditions. The same requirement exists in the fan power and cooling pump energy requirements. In booster systems, however, the economics are somewhat different because of the high lift pressure even when flow rates are low.

Economic analysis:

- 1. Mounting the pressure sensor remotely showed net LCC improvements with a scalar of 7 (acceptable for a 14 year life) for the minimum pump size covered when compared to a simple fixed-pressure discharge setpoint. The scalar, however was not met when compared to systems with a discharge sensor and even simple pressure reset logic.*
- 2. Having the pump turn off when there is no demand is a standard feature on most units, provided that the startup procedures are followed; so there is no need for cost justification.*
- 3. Eliminating the PRV potentially increases first cost because one or more of the following features will be used in lieu of the PRV to provide adequate control of the system pressure:*
 - 1. Variable speed drives*
 - 2. Multiple smaller pumps*
 - 3. Larger pressure tanks*

Research of actual costs however showed that the least expensive option is often the variable speed driven design without a PRV. The cost of the VFD is offset by eliminating

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the PRV and reducing the size of the bladder tank. Therefore, economic analysis was not required for this provision.

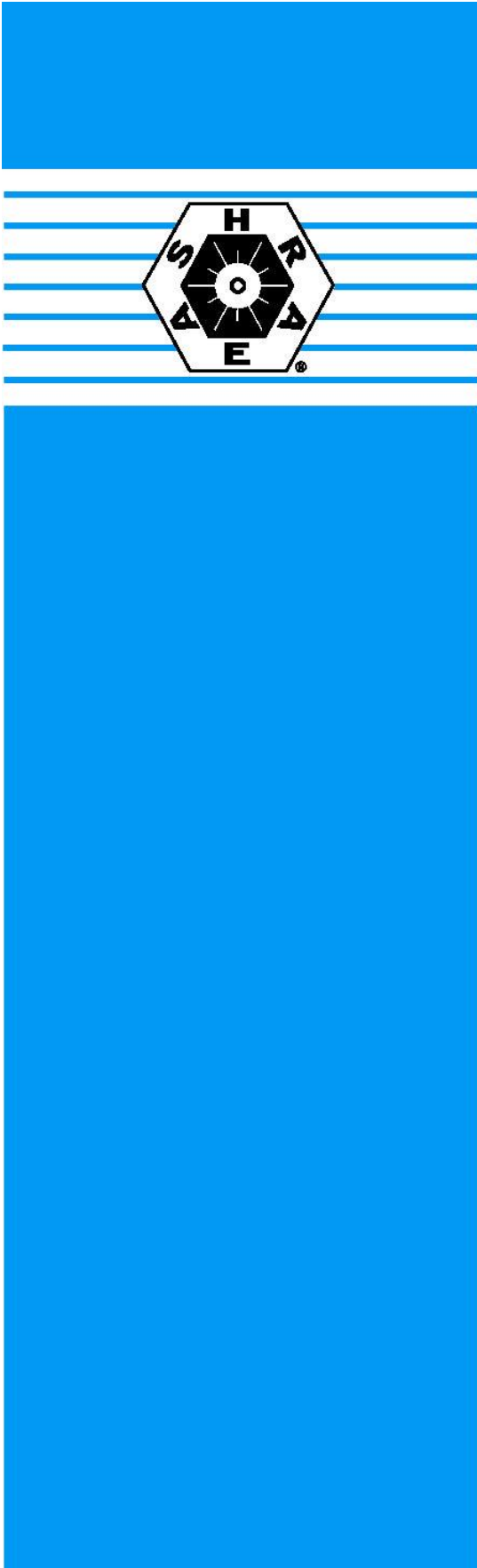
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Addendum cv to 90.1-2007

Add the following Section to the Standard (SI and IP units)

10.4.2 Service Water Pressure Booster Systems. Service water pressure booster systems shall be designed such that:

- a. One or more pressure sensors shall be used to vary pump speed and/or start and stop pumps. The sensor(s) shall either be located near the critical fixture(s) that determine the pressure required, or logic shall be employed that adjusts the setpoint to simulate operation of remote sensor(s).
- b. No device(s) shall be installed for the purpose of reducing the pressure of all of the water supplied by any booster system pump or booster system, except for safety devices.
- c. No booster system pumps shall operate when there is no service water flow.



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FOREWORD

These changes address corrections and clarification necessary to Section 11, Table 11.3.1 section 11 Service Hot Water Systems. Currently the budget building design (Column B) for the Energy Cost Budget (ECB) instructs the user to apply identical system type and efficiency for the service hot water systems in the budget building design and in the proposed building design. This contradicts section 11.32 (b) which clearly states that the minimum efficiency of the service hot water system of the budget building design shall be per section 7.4 (or 7.4.2) which refers to table 7.8. The current approach also doesn't allow any credit for better than the minimum efficiency requirements as listed in table 7.8. By correcting this contradiction and changing the current description, there is a possibility that the proposed building design Service Hot water system will not be listed in table 7.8. This will not allow the user to select the system type and specify the minimum efficiency of the budget building design service hot water system. Under these circumstances the user is instructed to use identical service hot water system (and efficiency) in both the budget Building design and the proposed building design. This approach is also consistent with section 11.3.2 (a) which refers only to HVAC systems.

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Addendum cw to 90.1-2007

Modify the Table 11.3.1 as follows (IP and SI Units)

Part 11 - Design Energy Cost *(budget building design column)*

The service hot-water system type ~~and related performance~~ in the budget building design shall be identical to the proposed building design. The service hot-water system performance of the budget building design shall meet the requirements of Table 7.8.

Exceptions:

BSR/ASHRAE/IES Addendum cw to ANSI/ASHRAE/IES Standard 90.1-2007, *Energy Standard for Buildings Except Low-Rise Residential Buildings*
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- a. If the service hot water system type is not listed in Table 7.8 it shall be identical to the proposed building design.

Renumber exception a and b as b and c respectively

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

Public Review Draft

ASHRAE® Standard

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

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FOREWORD

This language places allows a 40% window wall area path within the prescriptive Tables 5.5-1 through 5.5-8.

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Addendum cx to 90.1-2007

Modify the Standard as follows (IP and SI Units)

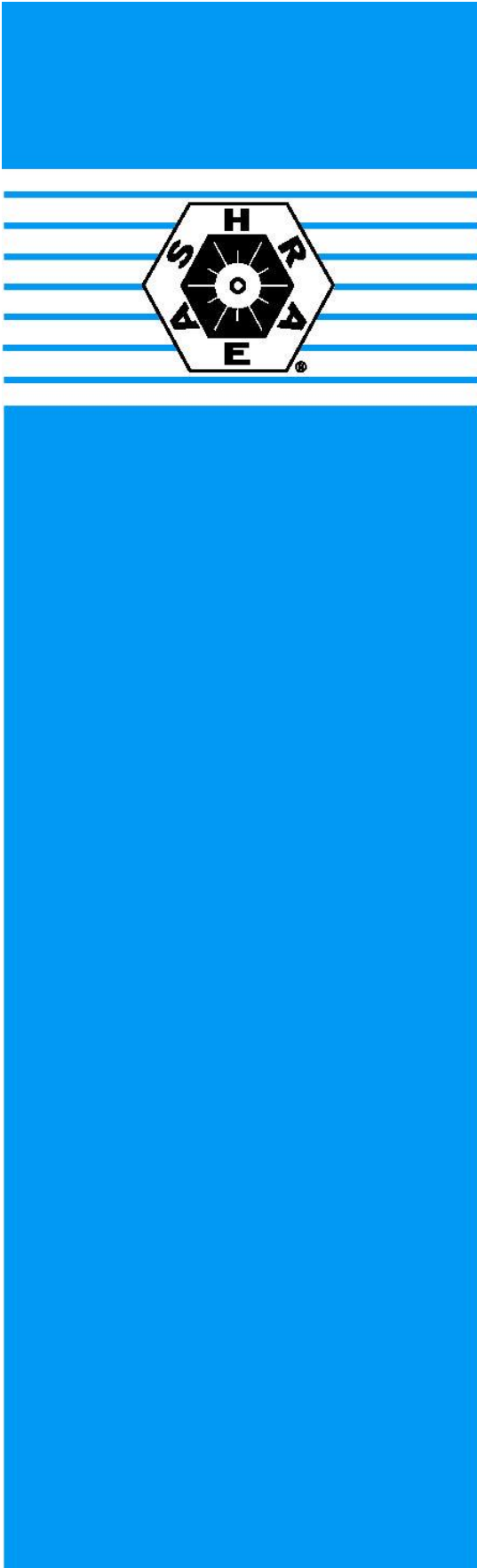
5.5.4.2 Fenestration Area

5.5.4.2.1 Vertical Fenestration Area. The total *vertical fenestration area* shall not be greater than that specified in Tables 5.5-1 through 5.5-8.

Exceptions:

- a. Vertical fenestration complying with Exception (c) to Section 5.5.4.4.1.
- b. For nonresidential occupancies in climate zones 1 through 5, the total vertical fenestration area is permitted to be increased to up to 40% of the gross wall area provided that:
 - i. At least 50% of the floor area within 15 ft (5 m) of the exterior walls lies within the primary and secondary sidelit areas and
 - ii. All the luminaires for general lighting in the primary and secondary sidelit areas are controlled by a continuous dimming photocontrol complying with characteristics (a) through (c) of Section 9.4.1.3 without using any of the exceptions.

Buildings using exception b shall not be eligible for lighting control credits allowed by Section 9.6.2 (c).



BSR/ASHRAE/IESNA Addendum cz
to ANSI/ASHRAE/IESNA Standard 90.1-2007

Public Review Draft

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FOREWORD

This change incorporates bi-level control for parking garages to reduce the wasted energy associated with unoccupied periods for many garages AND allows an exception for lighting in the transition (entrance/exit) areas to accommodate IES recommendations.

The IES Recommended Practice for Parking Facilities, RP-20 includes a recommendation for a Daylight Transition Zone to allow for eye adaptation going to/from daylight conditions and the interior of a parking facility. Since some parking facilities will have much more daylight available than others, it is very difficult to determine an appropriate LPD (watts per square foot allowance). An exception for this specific small area in a parking garage is the most straightforward way to allow for this recommended practice.

A number of case studies have been conducted by the California Lighting Technology Center (CLTC) of motion sensing bi-level lighting controls for outdoor lighting. The CLTC measured lighting control savings of 42% in parking garages (<http://cltc.ucdavis.edu/content/view/354/287/>). The CLTC had also conducted a life cycle savings analysis and showed that this type of control was cost effective with simple paybacks less than 5 years. The University of California has a sample specification for these types of controls and is implementing this control across their campuses. Campus police have indicated that they like this type of control as they can readily identify occupancy in spaces at night. Bi-level controls are compatible with a variety of small (< 175 W) wattage sources used in parking garages including ceramic metal halide, fluorescent, LED and induction lighting.

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Addendum cz to 90.1-2007

*Modify the Standard as follows (SI and IP Units)
Add exception "r" to 9.2.2.3*

- r. Parking garage transition lighting: Lighting for covered vehicle entrances and exits from buildings and parking structures, that comply with section 9.4.1.3 a and

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c. Each transition zone shall not exceed a depth of 66 feet (20 m) inside the structure and a width of 50 feet (15 m)

Add new Section 9.4.1.3 as follows and renumber current Section 9.4.1.3 as 9.4.1.4

9.4.1.3 Parking Garage Lighting Control. Lighting for parking garages shall comply with the following requirements:

- a. Comply with Section 9.4.1.1.
- b. Lighting shall be controlled by one or more devices that automatically reduce lighting power of each luminaire by a minimum of 30% when there is no activity detected within a lighting zone for no more than 30 minutes. Lighting zones for this requirement shall be no larger than 3,600 sf (334 m²),
- c. Daylight transition zone lighting, as described in Section 9.2.2.3 exception r, shall be separately controlled by a device that automatically turns lighting on during daylight hours and off at sunset.
- d. For luminaires within 20 feet (6 m) of any perimeter wall structure that has a net opening to wall ratio of at least 40% and no exterior obstructions within 20 feet (6 m), the power shall be automatically reduced in response to daylight.

Exceptions:

1. Daylight transitions zones and ramps without parking are exempt from sections b and d above.
2. Applications using HID of 150 watts or less or Induction lamps are exempt from section b above.

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to ANSI/ASHRAE/IESNA Standard 90.1-2007

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FOREWORD

The benefits of ventilation to the health and well being of building occupants is well documented and widely accepted. Minimum ventilation rates for buildings are generally established by local code and or a rating authority (ie: USGBC - LEED certification). In cases where building owners make conscious decisions to provide ventilation in excess of the minimum required for the health of building occupants they need to understand the energy implication of this decision. Building owners and designers must make balanced decisions regarding indoor air quality and energy efficiency. The intent of this addendum is to establish that an Appendix G baseline shall be based on the minimum ventilation requirements required by local codes or a rating authority and not the proposed design ventilation rates.

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Addendum da to 90.1-2007

Modify the Standard as follows (SI and IP Units)

G3.1.2.5 Ventilation. Minimum ventilation system *outdoor air* intake flow, shall be the same for the *proposed* and *baseline building designs*.

Exceptions:

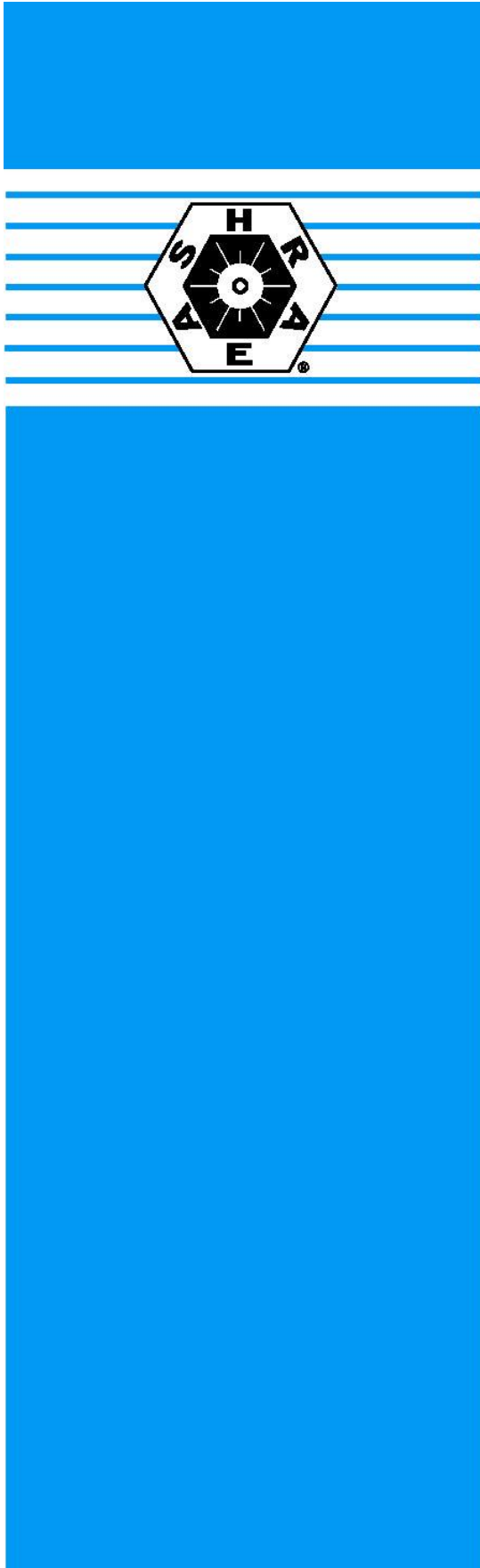
- a. When modeling demand-control ventilation in the *proposed design* when its use is not required by Section 6.3.2(p) or Section 6.4.3.9.
- b. When designing systems in accordance with Standard 62.1 Section 6.2 Ventilation Rate Procedure, reduced ventilation airflow rates may be calculated for each HVAC zone in the *proposed design* with a zone air distribution effectiveness (Ez) > 1.0 as defined by Table 6-2 in Standard 62.1.

Baseline ventilation airflow rates in those zones shall be calculated using the *proposed design* Ventilation Rate Procedure calculation with the following change only. Zone air distribution effectiveness shall be changed to (Ez)=1.0 in each zone having a zone air distribution effectiveness (Ez)>1.0.

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Proposed design and baseline design Ventilation Rate Procedure calculations, as described in Standard 62.1, shall be submitted to the rating authority to claim credit for this exception.

- c. If the minimum outdoor air intake flow in the *proposed design* is provided in excess of the amount required by the *rating authority* or *building official* then the *baseline building design* shall be modeled to reflect the greater of that required by the *rating authority* or *building official* and will be less than the *proposed design*.



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to ANSI/ASHRAE/IESNA Standard 90.1-2007

Public Review Draft

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

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FOREWORD

The conditions and common practice that existed to create the need for this requirement on tandem wiring are no longer practiced primarily with the new Federal efficacy requirements and products available on the market.

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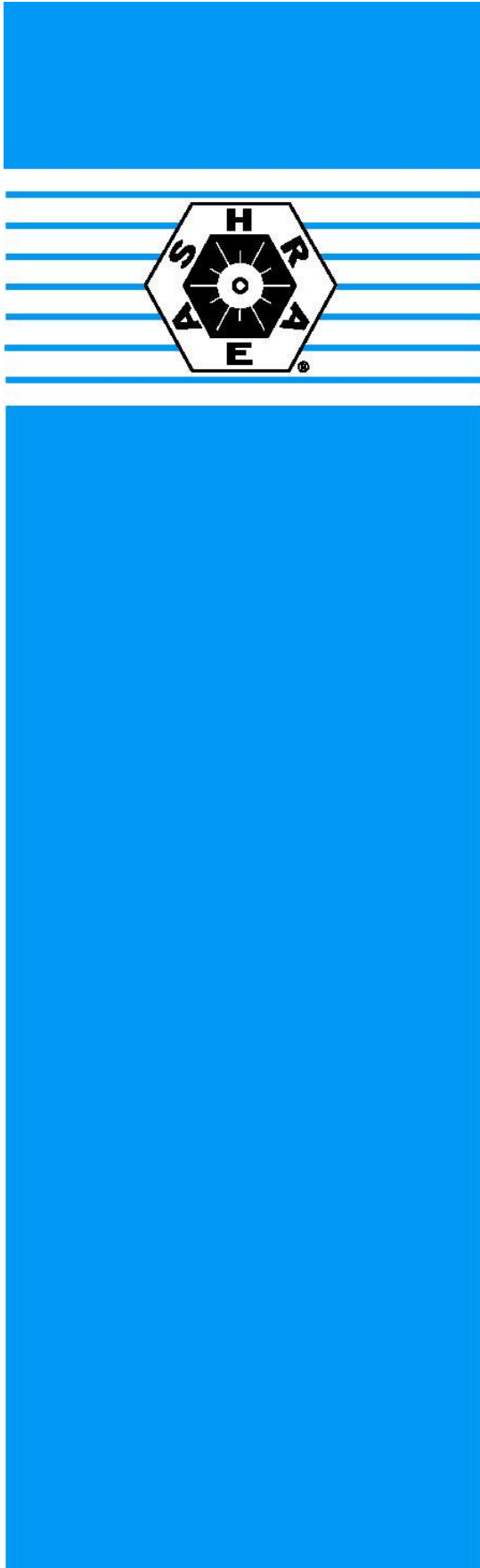
Addendum dc to 90.1-2007

Delete Section 9.4.2 (SI and IP Units)

~~**9.4.2 Tandem Wiring.** Luminaires designed for use with one or three linear fluorescent lamps greater than 30 W each shall use two lamp tandem-wired ballasts in place of single lamp ballasts when two or more luminaires are in the same space and on the same control device.~~

Exceptions:

- a. ~~Recessed luminaires more than 10 ft apart measured center to center.~~
- b. ~~Surface-mounted or pendant luminaires that are not continuous.~~
- c. ~~Luminaires using single lamp high-frequency electronic ballasts.~~
- d. ~~Luminaires using three lamp high-frequency electronic or three lamp electromagnetic ballasts.~~
- e. ~~Luminaires on emergency circuits.~~
- f. ~~Luminaires with no available pair.~~



BSR/ASHRAE/IESNA Addendum bf
to ANSI/ASHRAE/IESNA Standard 90.1-2007

Public Review Draft

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

Third Public Review - ISC (February
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(Draft Shows Proposed Independent
Substantive Changes to Previous
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Third Public Review Draft - ISC

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FOREWORD

This language places performance requirements for air leakage of the opaque envelope. Performance requirements have existed on fenestration and door products to date, but evidence suggests that the opaque envelope is the source of the majority of air leakage in buildings, and that the cause is the lack of attention in the design, construction and enforcement process due to the absence of performance criteria. This 3rd public review draft only includes those sections that are being edited.

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Addendum bf to 90.1-2007

Revise the Standard as follows (IP and SI Units)

5.4.3.1.1. Air Barrier Design.

d. ~~The continuous air barrier shall be designed to resist the wind pressures and expected building movement for the region in which the building is constructed. The continuous air barrier shall be designed to resist positive and negative pressures from wind, stack effect and mechanical ventilation.~~

5.4.3.1.3 Acceptable Materials and Assemblies.

a.

3. Extruded polystyrene insulation board - minimum ~~3/4-1/2"~~ (49 12 mm)

....

13. Closed cell 2 lb/ft³ (32 kg/m³) nominal density spray polyurethane foam, minimum 1 in (25 mm)

Modify Section 12 - References, under "American Society for Testing and Materials" as follows

E1677-95(2000)05 Standard Specification for an Air Retarder (AR) Material or System for Low-Rise Framed Building Walls

BSR/ASHRAE/IES/USGBC Addendum
b to ANSI/ASHRAE/USGBC/IES
Standard 189.1-2009

Public Review Draft

**Proposed Addendum b to Standard
189.1-2009 Standard for the Design of
High-Performance Green Buildings
Except Low-Rise Residential Buildings**

First Public Review (February 2010)
(Draft Shows Proposed Changes to Current
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FOREWORD

This addendum changes the height of Illuminance calculations required for the performance option of daylighting simulations from 3' to 2.5' to coincide with standard industry practice.

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Addendum b to 189.1-2009

Modify the Standard as follows (IP and SI Units)

8.5 Performance Option

8.5.1 Daylighting Simulation.

8.5.1.1 Usable Illuminance in Office Spaces and Classrooms. The design for the *building project* shall demonstrate an illuminance of at least 30 fc (300 lux) on a plane 3 ~~2.5~~ ft (1 ~~0.8~~ m) above the floor, within 75% of the area of the *daylight zones*. The simulation shall be made at noon on the equinox using an accurate physical or computer daylighting model.

- a. Computer models shall be built using daylight simulation software based on the ray-tracing or radiosity methodology.
- b. Simulation is to be done using either the CIE Overcast Sky Model or the CIE Clear Sky Model.

Exception to 8.5.1.1: Where the simulation demonstrates that existing adjacent structures preclude meeting the illuminance requirements.

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NSF International Standard for Food Equipment –

Food equipment

5 Design and construction

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5.30 Pots, pans and utensils

5.30.1 Rims of pots and pans shall be easily cleanable and free of sharp edges. Rolled-type beads shall be closed and sealed or open and readily accessible. ~~Bun pans and baking pans shall be exempt from the sealing requirement.~~

5.30.2 Handles and handle assembly parts shall be closed at the point of attachment to the pot, pan, or utensil.

NOTE – ~~Easily cleanable pan head or truss~~ Round head fasteners without slots may be used to fasten handles (knobs) to lids provided that each piece of the assembly is readily removable. Low profile rivets, attached without open joints and seams, may be used to fasten handles to the pots, pans, and lids. Low profile rivets used for this purpose must be tight fitting.

5.30.3 The internal knuckle radius of drop handles shall not exceed a $\frac{1}{8}$ in (0.13 in, 3.2 mm) tolerance of the wire handle. The seam between the drop handle assembly and pan shall be closed (see figure 14).

Reason: The standard currently allows the seam on the bead to be closed (within 1/32”) on bun and baking pans. This exemption should be reconsidered since operations use pans for whatever applications they wish and do not restrict certain pans to only baking. Furthermore, allowing a 1/32” gap into a hollow section around the perimeter of a pan is not cleanable. Pans with open, readily accessible beads are considered easily cleanable.

My original proposal involved specifying a minimum thickness of material for the pans. Based discussions in the last Joint Committee meeting, the minimum thickness proposal has been withdrawn. I am adding a statement about sharp edges to ensure the gauge of materials used in construction would not create a sharp edge.

The allowance of fasteners for attaching knobs to lids has been based on the ability to remove the fastener and the knob from the lid without the use of tools for the purpose of cleaning. Pan head and truss head fasteners typically have slotted heads that can be tightened to the point of requiring a tool to remove them. This eliminates the use of slotted fasteners and clarifies the original intent.

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NSF/ANSI International Standard for Food Equipment —

Commercial cooking, rethermalization, and powered hot food holding and transport equipment

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5.43 Steam tables and bains-marie

5.43.1 To facilitate cleaning, steam table tops shall be readily removable, or the openings shall be sized and located to permit access for cleaning the interior.

5.43.2 Water pans/bins on wet-type steam tables and bains-marie shall be readily removable, portable, or shall have a drain. ~~If provided on a pan/bin of 1.0 gal (4.0 L) capacity or greater, drains shall be at least 1.0 in (25 mm) Iron Pipe Size (IPS). If provided on a pan/bin of less than 1.0 gal (4.0 L) capacity, drains shall be at least ½ in (0.50 in, 13 mm) IPS.~~

5.43.2.1 Water pans/bins that are not readily removable or portable and have a recommended fill-level resulting in a total unit capacity of 1.0 gal (3.8 L) or more shall be equipped with a drain that is a minimum 1.0 in (25 mm) Iron Pipe Size (IPS).

5.43.2.2 Water pans/bins that are not readily removable or portable and have a recommended fill-level resulting in a total unit capacity less than 1.0 gal (3.8 L) may be acceptable without a drain, however, if a drain is provided, it shall be a minimum ½ in (0.50 in, 13 mm) IPS.

Reason: *The language in the current standard was drafted in 1999 with the intention of clarifying the requirements as written in 1997. The result ended up creating some confusion as to what the capacity was defined as. The current standard also does not specifically address small countertop units that are portable. The proposed changes properly clarify the language from the 1997 standard and establish the water capacity is based on the manufacturer's recommended fill level for the total volume of the unit.*

PROPOSAL FOR BSR/UL 746C

71.1.2 Test panels shall be selected as shown in Table 71.1 for a full and short program of test. A full program is performed when the combination of the coating and substrate have not been previously tested by the coating or substrate supplier. A short program is performed when the coating and substrate have been previously tested by the coating or substrate supplier.

Exception: No testing is required for a substrate which is generically compositionally equivalent, based on a qualitative infrared analysis, and ~~which is similar to a substrate~~ from the same substrate manufacturer which has been tested with the same coating of that manufacturer.

71.1.3 The tape used to measure adhesion by ASTM D3359 shall have a Tape Adhesion Strength as determined per ASTM D1000 of ~~36 ±2.5 oz/~~ 35 ±5 oz/in.