ANSI STANDARDS ACTION

PUBLISHED WEEKLY BY THE AMERICAN NATIONAL STANDARDS INSTITUTE 25 West 43rd Street, NY, NY 10036

VOL. 40, #25 *June 19, 2009*

Contents

American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

ISSN 0038-9633

Comment Deadline: July 19, 2009

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

Addenda

BSR/ASHRAE/IESNA Standard 90.1av-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2009)

Proposes clarifications when controls are required to comply with lighting systems are retrofit.

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

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

BSR/ASHRAE/IESNA Standard 90.1az-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2009)

Proposes clarifications for functional testing requirements for lighting.

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

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

BSR/ASHRAE/IESNA Standard 90.1be-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2009)

Provides for more vestibules in climate zone 3 for buildings less than 10,000 sq feet. This language has been revised to reflect addendum q to ASHRAE 90.1-2007.

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

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

BSR/ASHRAE/IESNA Standard 90.1bg-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2009)

Provides requirements for water-to-water heat pumps.

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

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

BSR/ASHRAE/IESNA Standard 90.1bh-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2009)

Provides requirements for multiple zone HVAC systems (that include simultaneous heating and cooling) to include controls that automatically raise the supply-air temperature when the spaces served are not at peak load conditions.

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

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

BSR/ASHRAE/IESNA Standard 90.1bj-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2009)

Adds an exception within Appendix G that allows users to claim energy cost savings credit for the increased ventilation effectiveness of certain HVAC system designs.

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

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

BSR/ASHRAE/IESNA Standard 90.1bm-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2009)

Coordinates terminology for visible transmittance with NFRC 200.

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

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

BSR/ASHRAE/IESNA Standard 90.1bn-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2009)

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

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

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

BSR/ASHRAE/IESNA Standard 90.1bp-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2009)

Allows the use of control that provides automatic 50% auto on with the capability to manually activate the remaining 50% and has full auto-off.

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

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

BSR/ASHRAE/IESNA Standard 90.1bq-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2009)

Changes the requirements for retail space lighting, which will make use of more recent lamp technology that is readily available.

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

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

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 80-200x, Standard for Safety for Steel Tanks for Oil-Burner Fuels and Other Combustible Liquids (Bulletin dated June 19, 2009) (revision of ANSI/UL 80-2008)

Deletes the exception in the Stability Test.

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

Send comments (with copy to BSR) to: Edward Minasian, (631) 271-6200 x23305, Edward.D.Minasian@us.ul.com

BSR/UL 514C-200x, Standard for Safety for Nonmetallic Outlet Boxes, Flush-Devices and Covers (revision of ANSI/UL 514C-2008b)

Revises Paragraph 76.2 to allow a graduated impact force to be applied to a sample during the resistance to impact test, and a corresponding revision to table 76.1.

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

Send comments (with copy to BSR) to: Beth Northcott, (847) 664-2881, Elizabeth.Northcott@us.ul.com

BSR/UL 746C-200x, Standard for Safety for Polymeric Materials - Use in Electrical Equipment Evaluations (revision of ANSI/UL 746C-2006)

Proposes the following revisions for UL 746C:
(1) Reference to conformal coating requirements; and
(2) Offset principle for impact testing.

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

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

BSR/UL 2335-200x, Standard for Safety for Fire Tests of Storage Pallets (revision of ANSI/UL 2335-2004)

Covers proposed revisions to the scope of UL 2335, to clarify the intended application relative to the use of the test methods and requirements described in the standard.

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

Send comments (with copy to BSR) to: Esther Espinoza, (408) 754-6500, Esther.Espinoza@us.ul.com

Comment Deadline: August 3, 2009

ADA (American Dental Association)

New National Adoptions

BSR/ADA Specification No. 48-2-200x, LED Curing Lights (identical national adoption of ISO 10650-2:2007)

Details requirements and test methods for powered polymerization activators with light-emitting diodes (LED) in the blue wavelength region intended for chair-side use in polymerization of dental polymer-based restorative materials.

Single copy price: $54.00

Obtain an electronic copy from: standards@ada.org

Order from: standards@ada.org

Send comments (with copy to BSR) to: Same

ASA (ASC S12) (Acoustical Society of America)

New Standards

BSR/ASA S12.60-200x/Part 2, Acoustical Performance Criteria, Design Requirements, and Guidelines for Schools - Part 2: Relocatable Classroom Factors (new standard)

Provides a relocatable-classroom-specific supplemental version of ANSI S12.60. Includes siting requirements, acoustical performance criteria & design rqmts for relocatable classrooms. Annex A provides commentary info on this standard. Annex B provides procedures for determining compliance with background sound requirements. Seeks to provide design flexibility without compromising goal of obtaining adequate speech intelligibility for students and teachers in learning spaces within the standard's scope.

Single copy price: $120.00

Obtain an electronic copy from: asastds@aip.org

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

Send comments (with copy to BSR) to: Same

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

Addenda

BSR/ASHRAE/ASHE Standard 170b-200x, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 170-2008)

Revises the requirements for PE rooms regarding filter bank No. 2, exempts relief air from the separation requirements of Section 6.3.1, requires better construction of filter-bank blank-off panels to minimize bypassing, adds specific requirements for temperature control to operating rooms, adds a requirement for differential pressure for morgue and autopsy rooms, and makes various changes to the design parameters of Table 7-1. The aim of these changes is to coordinate the standard with both ASHRAE Standard 62.1-2007 and the Guidelines for Design and Construction of Hospital and Health Care Facilities.

Single copy price: $35.00

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

Order from: standards.section@ashrae.org

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

BSR/ASHRAE/ASHE Standard 170c-200x, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 170-2008)

Modifies the requirements of Section 6.4 in ANSI/ASHRAE/ASHE Standard 170-2008. This change provides an exception to the filtration requirements of Section 6.4 for recirculating room units (where such units are allowed by Table 7-1), permitting the use of filters having a MERV rating of 7 or higher located upstream of the recirculating-room unit's heating and/or cooling coils. The aim of this change is to coordinate the standard with both ASHRAE Standard 62.1-2007 and the Guidelines for Design and Construction of Hospital and Health Care Facilities.

Single copy price: $35.00

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

Order from: standards.section@ashrae.org

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

BSR/ASHRAE/IESNA 90.1f-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2009)

Proposes requirements for high albedo roofs in climate zones 1 through

Single copy price: $35.00

Order from: standards.section@ashrae.org

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

BSR/ASHRAE/IESNA 90.1am-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2009)

Allows additional options for air-leakage testing for fenestration and door and proposes values for air leakage of different types of windows and doors.

Single copy price: $35.00

Order from: standards.section@ashrae.org

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

BSR/ASHRAE/IESNA 90.1bf-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2009)

Provides the performance requirements for air leakage of the opaque envelope.

Single copy price: $35.00

Order from: standards.section@ashrae.org

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

BSR/ASHRAE/IESNA 90.1bi-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2009)

Provides updated requirements for pipe insulation.

Single copy price: $35.00

Order from: standards.section@ashrae.org

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

BSR/ASHRAE/IESNA 90.1bk-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2009)

Distinguishes Subtype I and Subtype II motors. Addendum aj to ASHRAE Standard 90.1-2007 first incorporated these changes into Standard 90.1. This proposed language has different minimum efficiency requirements as called out in EISA 2007, Section 313 and clarified in the Federal Register.

Single copy price: $35.00

Order from: standards.section@ashrae.org

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

BSR/ASHRAE/IESNA 90.1bl-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2009)

Adds requirements for chillers with secondary coolants (glycol or brine). In additions, there are changes to footnote a to Table 6.8.1C in recognition of lower practical scope limits for positive displacement (both air- and water-cooled) and corrects for the lower limit introduced in Addendum M for centrifugal chillers.

Single copy price: $35.00

Order from: standards.section@ashrae.org

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

BSR/ASHRAE/IESNA 90.1bo-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2009)

The following addendum is part of an ongoing effort to keep the requirements of Section 11 and Appendix G consistent with other addenda to the Standard. This addendum makes changes to Section 11 and G related to Addenda e, s, and u.

Single copy price: $35.00

Order from: standards.section@ashrae.org

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

BSR/ASHRAE/IESNA 90.1br-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2009)

Adds an exterior zone 0 to cover very-low-light requirement areas.

Single copy price: $35.00

Order from: standards.section@ashrae.org

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

AWWA (American Water Works Association)

New Standards

BSR/AWWA B110-200x, Membrane Systems (new standard)

Sets minimum requirements for microfiltration (MF), ultrafiltration (UF), nanofiltration (NF), reverse osmosis (RO), electrodialysis (ED), and electrodialysis reversal (EDR) membrane systems for water and reclaimed water treatment systems.

Single copy price: $20.00

Obtain an electronic copy from: llobb@awwa.org

Order from: Roy Martinez, (303) 347-6194, rmartinez@awwa.org

Send comments (with copy to BSR) to: Same

CEA (Consumer Electronics Association)

New Standards

BSR/CEA 852.1-200x, Enhanced Protocol for Tunneling Component Network Protocols Over Internet Protocol Channels (new standard)

Addresses limitations in the CEA 852 protocol and provides improvements in performance, scalability, and robustness.

Single copy price: $193.00

Obtain an electronic copy from: http://global.ihs.com

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

Send comments (with copy to BSR) to: Leslie King, (703) 907-4327, lking@CE.org

CSA (CSA America, Inc.)

Addenda

BSR Z83.7b-200x, American National Standard/CSA Standard for Gas-Fired Construction Heaters (same as CSA 2.14b) (addenda to ANSI Z83.7-2000 (R2005))

Details test and examination criteria for construction heaters for use with natural and liquefied petroleum gases. A construction heater is primarily intended for temporary use in heating buildings or structures under construction, alteration or repair. All products of combustion are released into the area being heated.

Single copy price: $50.00

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

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

Send comments (with copy to BSR) to: Same

IIAR (International Institute of Ammonia Refrigeration)

New Standards

BSR/IIAR 5-200x, Start-Up and Commissioning of Closed-Circuit Ammonia Mechanical Refrigerating Systems (new standard)

Provides basic minimum requirements for the safe start-up and commissioning of completed closed circuit mechanical refrigerating systems utilizing ammonia as the refrigerant and to additions and modifications made to such systems. The specific requirements for a particular system shall be considered when applying the general recommendations expressed in this Draft Standard. Start-up and commissioning shall be performed, at a minimum, in accordance with equipment manufacturer's instruction manuals.

Single copy price: Free

Obtain an electronic copy from: www.iiar.org

Order from: Nuri Amir, (703) 312-4200, Nuri_amir@iiar.org

Send comments (with copy to BSR) to: technical@iiar.org

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

New National Adoptions

BSR INCITS/ISO/IEC 9541-4-200x, Information Technology - Font Information Interchange - Part 4: Harmonization to Open Font Format (identical national adoption of ISO/IEC 9541-4:2009)

Specifies the architecture of font resources, as well as the formats for font interchange among information processing systems. This standard also specifies the architecture and formats that can be used to construct font references in general electronic document interchange. This part of ISO/IEC 9541 specifies the correspondences between ISO/IEC 9541 font resource and ISO/IEC 14496-22 Open Font Format file (OFF), to define ISO/IEC 9541 font resource from a given OFF file. The classification (required or optional), syntax, and possible values of the properties are defined in ISO/IEC 9541-1 and ISO/IEC 9541-2.

Single copy price: $135.00

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

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

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

BSR INCITS/ISO/IEC 13250-2-200x, Information Technology - Topic Maps - Part 2: Data Model (identical national adoption of ISO/IEC 13250-2:2006)

Specifies the Topic Maps data model. This standard defines the abstract structure and interpretation of topic maps, the rules for merging topic maps, and a set of fundamental subject identifiers. The purpose of the data model is to define the interpretation of the Topic Maps interchange syntax, and to serve as a foundation for the definition of supporting standards for canonicalization, querying, constraints, etc.

Single copy price: $104.00

Obtain an electronic copy from: http://www.global.ihs.com

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

BSR INCITS/ISO/IEC 13250-3:200x, Information Technology - Topic Maps - Part 3: XML Syntax (identical national adoption and revision of INCITS/ISO/IEC 13250-3:2007)

Defines an extensible markup language (XML) vocabulary for interchanging topic maps. The interpretation of the syntax is defined through a mapping from the syntax to the Topic Maps data model defined in ISO/IEC 13250-2.

Single copy price: $98.00

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

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

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

BSR INCITS/ISO/IEC 19795-2-200x, Information technology - Biometric performance testing and reporting - Part 2: Testing methodologies for technology and scenario evaluation (identical national adoption of ISO/IEC 19795-2:2007)

Addresses two specific biometric performance testing methodologies: technology and scenario evaluation. The large majority of biometric tests are of one of these two generic evaluation types. Technology evaluations evaluate enrollment and comparison algorithms by means of previously collected corpuses, while scenario evaluations evaluate sensors and algorithms by processing of samples collected from Test Subjects in real time.

Single copy price: $141.00

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

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

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

BSR INCITS/ISO/IEC 19795-4-200x, Information technology - Biometric performance testing and reporting - Part 4: Interoperability performance testing (identical national adoption of ISO/IEC 19795-4:2008)

Prescribes methods for technology and scenario evaluations of multi-supplier biometric systems that use biometric data conforming to biometric data interchange format standards. This standard specifies requirements needed to assess performance available from samples formatted according to a standard interchange format (SIF), performance available when samples formatted according to a SIF are exchanged, performance available from samples formatted according to a SIF, relative to proprietary data formats, etc.

Single copy price: $141.00

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

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

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

BSR INCITS/ISO/IEC 24709-1-200x, Information technology - Conformance testing for the biometric application programming interface (BioAPI) - Part 1: Methods and procedures (identical national adoption of ISO/IEC 24709-1:2007)

Specifies the concepts, framework, test methods and criteria required to test conformity of biometric products claiming conformance to BioAPI (ISO/IEC 19784-1). Guidelines for specifying BioAPI conformance test suites, writing test assertions and defining procedures to be followed during the conformance testing are provided. The conformance testing methodology is concerned with conformance testing of biometric products claiming conformance to BioAPI. Definitions of schemas of the assertion language are provided in normative annexes.

Single copy price: $292.00

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

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

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

BSR INCITS/ISO/IEC 24709-2-200x, Information technology - Conformance testing for the biometric application programming interface (BioAPI) - Part 2: Test assertions for biometric service providers (identical national adoption of ISO/IEC 24709-2:2007)

Defines a number of test assertions written in the assertion language specified in ISO/IEC 24709-1. These assertions enable a user of ISO/IEC 24709-2:2007 (such as a testing laboratory) to test the conformance to ISO/IEC 19784-1 (BioAPI 2.0) of any biometric service provider (BSP) that claims to be a conforming implementation of that International Standard. Each test assertion specified in ISO/IEC 24709-2:2007 exercises one or more features of an implementation under test. Assertions are placed into packages (one or more assertions per package) as required by the assertion language.

Single copy price: $292.00

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

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

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

BSR INCITS/ISO/IEC 24713-1-200x, Information technology - Biometric profiles for interoperability and data interchange - Part 1: Overview of biometric systems and biometric profiles (identical national adoption of ISO/IEC 24713-1:2008)

Provides common definitions used within the profile standards and references other standards applicable to the successful implementation of a generic biometric system. A harmonized (with the other part 1 standards in WG 3 and WG5) generic biometric system is described and a diagram is present. The description includes detail of the individual components present in a generic biometric system.

Single copy price: $92.00

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

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

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

BSR INCITS/ISO/IEC 24713-2-200x, Information technology - Biometric profiles for interoperability and data interchange - Part 2: Physical access control for employees at airports (identical national adoption of ISO/IEC 24713-2:2008)

Specifies the application profile including necessary parameters and interfaces between function modules (i.e., BioAPI-based modules and an external interface) in support of token-based biometric identification and verification of employees, at local access points (i.e., doors or other controlled entrances) and across local boundaries within the defined area of control in an airport. The token is expected to contain one or more reference biometrics, one or more operational biometrics, or both.

Single copy price: $149.00

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

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

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

BSR INCITS/ISO/IEC 24756-200x, Information technology - Framework for specifying a common access profile (CAP) of needs and capabilities of users, systems, and their environments (identical national adoption of ISO/IEC 24756:2009)

Defines a framework for specifying a common access profile (CAP) of needs and capabilities of users, computing systems, and their environments, including access that is supported by assistive technologies. This standard provides a basis for identifying and dealing with accessibility issues in a standardised manner across multiple platforms. It can be used to evaluate the accessibility of existing systems in particular environments for particular users.

Single copy price: $157.00

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

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

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

BSR INCITS/ISO/IEC 9541-1:1991 AM 4:200x, Information technology - Font information interchange - Part 1: Architecture - Amendment 4: Extension to font resource architecture (identical national adoption of ISO/IEC 9541-1:1991 Amendment 4:2009)

This International Standard is the fourth amendment to ISO/IEC 9541-1:

Single copy price: $16.00

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

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

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

BSR INCITS/ISO/IEC 9541-2:1991 AM 2:200x, Information technology - Font information interchange - Part 2: Interchange format - Amendment 2: Extension to font reference (identical national adoption of ISO/IEC 9541-2:1991 Amendment 2:2009)

This International Standards is the second amendment to ISO/IEC 9541-2: 1991.

Single copy price: $16.00

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

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

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

BSR INCITS/ISO/IEC 9541-3:1994 AM 1:200x, Information technology - Font information interchange - Part 3: Glyph shape representation - Amendment 1: Additional shape representation technology (identical national adoption of ISO/IEC 9541-3:1994 Amendment 1:2005)

Provides the first amendment to ISO/IEC 9541-3:1994.

Single copy price: $16.00

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

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

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

BSR INCITS/ISO/IEC 9541-3:1994 AM 2:200x, Information technology - Font information interchange - Part 3: Glyph shape representation - Amendment 2: Additional Shape Representation Technology for Open Font Format (identical national adoption of ISO/IEC 9541-3:1994 Amendment 2:2009)

This International Standard is the second amendment to ISO/IEC 9541-3: 1994.

Single copy price: $16.00

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

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

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

BSR/INCITS/ISO/IEC 19794-8-200x, Information technology - Biometric data interchange formats - Part 8: Finger pattern skeletal data (identical national adoption of ISO/IEC 19794-8:2006)

Specifies the interchange format for the exchange of pattern-based skeletal fingerprint recognition data. The data format is generic, in that it may be applied and used in a wide range of application areas where automated fingerprint recognition is involved.

Single copy price: $141.00

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

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

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

INCITS/ISO/IEC 9541-1:1991 AM 2:1998, Information technology - Font information interchange - Part 1: Architecture - Amendment 2: Minor enhancements to the architecture to address font technology advances (identical national adoption of ISO/IEC 9541-1:1991 Amendment 2: 1998)

This International Standard is the second amendment to ISO/IEC 9541-1: 1991.

Single copy price: $16.00

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

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

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

SCTE (Society of Cable Telecommunications Engineers)

Revisions

BSR/SCTE 24-1-200x, IPCablecom 1.0 Part 1: Architectural Framework for the Delivery of Time Critical Services Over Cable Television Networks Using Cable Modems (revision of ANSI/SCTE 24-1-2006)

Provides the architectural framework that will enable cable television operators to provide time-critical services over the networks that have been enhanced to support cable modems.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

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

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

BSR/SCTE 24-2-200x, IPCablecom 1.0 Part 2: Audio Codec Requirements for the Provision of Bi-directional Audio Service Over Cable Television Networks Using Cable Modems (revision of ANSI/SCTE 24-2-2006)

Specifies the audio (voice) codes that are to be used in the provisioning of bi-directional audio services over cable television distribution networks using IP technology (i.e., IPCablecom service). The standard also addresses codec options and packetization issues. Specifically, it identifies the audiocodecs necessary to provide the highest quality and the most resource-efficient service delivery to the customer. Additionally, this document describes a suggested methodology for optimal network support for codecs.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

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

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

BSR/SCTE 24-3-200x, IPCablecom Part 3: Network Call Signaling Protocol for the Delivery of Time-Critical Services over Cable Television Using Data Modems (revision of ANSI/SCTE 24-3-2006)

Describes a profile of the Media Gateway Control Protocol (MGCP) for IPCablecom embedded clients (the IPCablecom Network-based Call Signaling (NCS) protocol). MGCP is a call-signaling protocol for use in a centralized call control architecture and assumes relatively simple client devices. The call-signaling protocol is one layer of the overall IPCablecom suite of specifications and relies upon companion protocol specifications to provide complete end-to-end IPCablecom functionality.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

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

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

BSR/SCTE 24-4 -200x, IPCablecom Part 4: Dynamic Quality of Service for the Provision of Real-Time Services over Cable Television Networks Using Cable Modems (revision of ANSI/SCTE 24-4-2006)

Defines the QoS Architecture for the "Access" portion of the IPCablecom network, provided to requesting applications on a per-flow basis. The access portion of the network is defined to be between the Multi-media Terminal Adapter (MTA) and the Cable Modem Termination System (CMTS), including the DOCSIS network.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

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

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

BSR/SCTE 24-5-200x, IPCablecom Part 5: Media Terminal Adapter (MTA) Device Provisioning Requirements for the Delivery of Real-Time Service over Cable Television Using Cable Modems (revision of ANSI/SCTE 24-5-2006)

Describes the IPCablecom 1.0 embedded-MTA device initialization and provisioning. This specification is issued to facilitate design and field-testing leading to manufacturability and interoperability of conforming hardware and software by multiple vendors.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

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

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

BSR/SCTE 24-6-200x, IPCablecom Part 6: IPCablecom Management Information Base (MIB) Framework (revision of ANSI/SCTE 24-6-2006)

Describes the framework in which IPCablecom MIB (Management Information Base) modules are described. This standard provides information on the management requirements of IPCablecom-compliant devices and functions and how these requirements are supported in the MIB modules. It is intended to support and complement the actual MIB module documents, which are issued separately.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

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

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

BSR/SCTE 24-7-200x, IPCablecom Part 7: Media Terminal Adapter (MTA) Management Information Base (MIB) Requirements (revision of ANSI/SCTE 24-7-2006)

This standard describes the IPCablecom MTA MIB requirement.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

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

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

BSR/SCTE 24-8-200x, IPCablecom Part 8: Signaling Management Information Base (MIB) Requirements (revision of ANSI/SCTE 24-8-2006)

This specification describes the IPCablecom Signaling (SIG) MIB requirements.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

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

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

BSR/SCTE 24-9-200x, IPCablecom Part 9: Event Messaging Requirements (revision of ANSI/SCTE 24-9-2006)

Describes the concept of Event Messages used to collect usage for the purposes of billing within the IPCablecom architecture. This standard details a transport-protocol-independent Event Message attribute TLV format, an Event Message file format, mandatory and optional transport protocols, the various Event Messages, lists the attributes each Event Message contains, and lists the required and optional Event Messages associated with each type of end-user service supported.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

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

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

BSR/SCTE 24-10-200x, IPCablecom Part 10: Security Specification (revision of ANSI/SCTE 24-10-2006)

Define the IPCablecom Security architecture, protocols, algorithms, associated functional requirements and any technological requirements that can provide for the security of the system for the IPCablecom network. Authentication, access control, signaling and media content integrity, confidentiality, and non-repudiation security services must be provided as defined in this standard for each of the network element interfaces.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

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

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

BSR/SCTE 24-11-200x, IPCablecom Part 11: Internet Signaling Transport Protocol (ISTP) (revision of ANSI/SCTE 24-11-2006)

Addresses the protocol to implement SS7 signaling interconnection in a distributed IPCablecom PSTN Gateway architecture. Specifically, this standard defines the messages and procedures for transporting SS7 ISUP, TCAP, and TUP messages between the IPCablecom control functions (Media Gateway Controller and Call Management Server) and the SS7 Signaling Gateway.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

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

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

BSR/SCTE 24-12-200x, IPCablecom Part 12: Trunking Gateway Control Protocol (TGCP) (revision of ANSI/SCTE 24-12-2006)

Describes an IPCablecom profile of an Application Programming Interface (API) called a Media Gateway Control Interface (MGCI) and a corresponding protocol (MGCP) for controlling Voice-over-IP (VoIP) PSTN Gateways from external call control elements. The MGCP assumes a call control architecture where the call control “intelligence” is outside the gateways and handled by external call control elements. The IPCablecom profile, as described in this document, will be referred to as the IPCablecom Trunking Gateway Control Protocol (TGCP).

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

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

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

BSR/SCTE 32-200x, Ampacity of Coaxial Telecommunications Cables (revision of ANSI/SCTE 32-2002 (R2007))

Provides the current carrying capacity or ampacity of coaxial cables used in the Telecommunications industry. The method used to calculate the tabulated ampacities is a thermodynamic model of a cable installed indoors in air and considers the heat flow from the inner and outer conductor through the dielectric and jacket materials.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

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

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

TIA (Telecommunications Industry Association)

Reaffirmations

BSR/TIA 102.BAEE-A-2004 (R200x), Project 25 Radio Management Protocols - New Technology Standards Project - Digital Radio Technical Standards (reaffirmation of ANSI/TIA 102.BAEE-A-2004)

Defines the radio management protocols and associated messages for use in land mobile digital radio systems. Although the document has been written to specify the radio management protocols and associated messages to be used in Project 25 digital radio systems, it may also be applied to other land mobile digital radio systems.

Single copy price: $102.00

Obtain an electronic copy from: www.global.ihs.com

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

Send comments (with copy to BSR) to: Ronda Coulter, (703) 907-7974, rcoulter@tiaonline.org

UL (Underwriters Laboratories, Inc.)

Reaffirmations

BSR/UL 307A-1997 (R200x), Standard for Safety for Liquid Fuel-Burning Heating Appliances for Manufactured Homes and Recreational Vehicles (reaffirmation of ANSI/UL 307A-1997 (R2005))

Proposes the reaffirmation of the eighth edition of the Standard for Liquid Fuel-Burning Heating Appliances for Manufactured Homes and Recreational Vehicles, UL 307A, as an American National Standard.

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: Tim Corder, (919) 549-1841, William.T.Corder@us.ul.com

BSR/UL 732-1997 (R200x), Standard for Safety for Oil-Fired Storage Tank Water Heaters (reaffirmation of ANSI/UL 732-1997 (R2005))

Proposes the reaffirmation of the fifth edition of the Standard for Oil-Fired Storage Tank Water Heaters, UL 732, as an American National Standard.

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: Tim Corder, (919) 549-1841, William.T.Corder@us.ul.com

VITA (VMEbus International Trade Association (VITA))

New Standards

BSR/VITA 48.0-200x, Mechanical Specification for Microcomputers Using Ruggedized Enhanced Design Implementation (REDI) (new standard)

Establishes the high-level requirements for a series of plug-in unit level mechanical design standards applied to VITA 46 form factor plug-in units.

Single copy price: Free

Obtain an electronic copy from: techdir@vita.com

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

BSR/VITA 48.1-200x, Mechanical Specification for Microcomputers Using REDI Air Cooling (new standard)

Defines the mechanical requirements that are needed to ensure the mechanical interchangeability of conduction cooled 3U and 6U plug-in units while achieving 2 Level Maintenance compatibility.

Single copy price: Free

Obtain an electronic copy from: techdir@vita.com

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

BSR/VITA 48.2-200x, Mechanical Specification for Microcomputers Using REDI Conduction Cooling Applied to VITA 46 (new standard)

Defines the mechanical requirements that are needed to ensure the mechanical interchangeability of conduction cooled 3U and 6U plug-in units

Single copy price: Free

Obtain an electronic copy from: techdir@vita.com

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

Comment Deadline: August 18, 2009

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

ANS (American Nuclear Society)

Reaffirmations

BSR/ANS 14.1-2004 (R200x), Operation of Fast Pulse Reactors (reaffirmation of ANSI/ANS 14.1-2004)

Describes the design, operation, and review of fast pulse reactors. This standard has been formulated in general terms to be applicable to all current fast pulse reactors.

Single copy price: $37.00

Obtain an electronic copy from: orders@ans.org

Order from: Sue Cook, (708) 579-8210, orders@ans.org

Send comments (with copy to BSR) to: Patricia Schroeder, (708) 579-8269, pschroeder@ans.org

EIA (Electronic Industries Alliance)

Revisions

BSR/EIA 364-41E-200x, Cable Flexing Test Procedure for Electrical Connectors (revision of ANSI/EIA 364-41D-2008)

Establishes a method to determine the effectiveness of circular jacketed cable to plug seal, or flat cable to plug seal or interface to withstand strain under repeated alternating cable-flexing stresses as experienced in use with cable strain-relief design electrical connectors.

Single copy price: Free

Obtain an electronic copy from: global@ihs.com

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

Send comments (with copy to BSR) to: Cecelia Yates, (703) 907-8026, cyates@ecaus.org

SDI (ASC A250) (Steel Door Institute)

Reaffirmations

BSR A250.6-2003 (R200x), Hardware Reinforcing on Standard Steel Doors and Frames (reaffirmation of ANSI A250.6-2003)

Pertains to doors and frames manufactured in accordance with ANSI/SDI A250.8, published by the SDI.

Single copy price: $18.00

Obtain an electronic copy from: sab@wherryassoc.com

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

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

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:

CEA (Consumer Electronics Association)

BSR/CEA 516-R-200x, Joint EIA/CVCC Recommended Practice for Teletext: North American Basic Teletext Specification (NABTS) (new standard)

BSR/CEA 556-C-200x, Outer Shipping Container Label Standard (new standard)

Notice of Withdrawal: ANS at least 10 years past approval date

The following American National Standards have not been revised or reaffirmed within ten years from the date of their approval as American National Standards and accordingly are withdrawn:

ANSI/CEA 556-B-1999, Electronics - Outer Shipping Container Bar Code Label Standard

Call for Comment Contact Information

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

Order from:

ADA (ORGANIZATION)
American Dental Association
211 E. Chicago
Chicago, IL 60611
Phone: (312) 440-2533
Fax: (312) 440-2529
Web: www.ada.org

ANS
American Nuclear Society
555 North Kensington Avenue
La Grange Park, IL 60525
Phone: (708) 579-8210
Fax: (708) 352-6464
Web: www.ans.org/main.html

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

AWWA
American Water Works Association
6666 West Quincy Avenue
Denver, CO 80235
Phone: (303) 347-6194
Fax: (303) 795-7603
Web: www.awwa.org/asp/default.asp

comm2000
1414 Brook Drive
Downers Grove, IL 60515

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

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

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

SDI (ASC A250)
Steel Door Institute
30200 Detroit Road
Cleveland, OH 44145-1967
Phone: (440) 899-0010
Fax: (440) 892-1404
Web: www.wherryassoc.com/steeldoor.org

Send comments to:

ADA (ORGANIZATION)
American Dental Association
211 E. Chicago
Chicago, IL 60611
Phone: (312) 440-2533
Fax: (312) 440-2529
Web: www.ada.org

ANS
American Nuclear Society
555 North Kensington Avenue
La Grange Park, IL 60525
Phone: (708) 579-8269
Fax: (708) 352-6464
Web: www.ans.org/main.html

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

AWWA
American Water Works Association
6666 West Quincy Avenue
Denver, CO 80235
Phone: (303) 347-6194
Fax: (303) 795-7603
Web: www.awwa.org/asp/default.asp

CEA
Consumer Electronics Association
1919 South Eads Street
Arlington, VA 22202
Phone: (703) 907-4327
Fax: (703) 907-4195
Web: www.ce.org

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

EIA
Electronic Industries Alliance
2500 Wilson Boulevard
Suite 310
Arlington, VA 22201
Phone: (703) 907-8026
Fax: (703) 875-8908
Web: www.eia.org

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

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

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

SDI (ASC A250)
Steel Door Institute
30200 Detroit Road
Cleveland, OH 44145-1967
Phone: (440) 899-0010
Fax: (440) 892-1404
Web: www.wherryassoc.com/steeldoor.org

TIA
Telecommunications Industry Association
2500 Wilson Blvd
Arlington, VA 22201
Phone: (703) 907-7974
Fax: (703) 907-7727
Web: www.tiaonline.org

UL
Underwriters Laboratories, Inc.
12 Laboratory Drive
Research Triangle Park, NC 27709-3995
Phone: (919) 549-1841
Fax: (919) 547-6174
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.

API (American Petroleum Institute)

Office: 1220 L Street, N.W.
Washington, DC 20005

Contact: *Carriann Kuryla*

Phone: (202) 682-8565

Fax: (202) 962-4797

E-mail: kurylac@api.org

BSR/API Spec 6D/ISO 14313-200x, Specification for Pipeline Valves, 23rd Edition (national adoption with modifications and revision of ANSI/API Spec 6D/ISO 14313-2008)

CEA (Consumer Electronics Association)

Office: 1919 South Eads Street
Arlington, VA 22202

Contact: *Leslie King*

Phone: (703) 907-4327

Fax: (703) 907-4195

E-mail: lking@CE.org

BSR/CEA 852.1-200x, Enhanced Protocol for Tunneling Component Network Protocols Over Internet Protocol Channels (new standard)

IIAR (International Institute of Ammonia Refrigeration)

Office: 1110 North Glebe Road, Ste. 250
Arlington, VA 22201

Contact: *Elizabeth Milner*

Phone: 703-312-4200

Fax: 703-312-0065

E-mail: liz_milner@iiar.org

BSR/IIAR 5-200x, Start-Up and Commissioning of Closed-Circuit Ammonia Mechanical Refrigerating Systems (new standard)

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

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

Contact: *Serena Patrick*

Phone: (202) 626-5741

Fax: (202) 638-4922

E-mail: spatrick@itic.org

BSR INCITS/ISO/IEC 7501-3-200x, Information technology - Identification cards - Machine readable travel documents - Part 3: Machine readable official travel documents (identical national adoption and revision of INCITS/ISO/IEC 7501-3-1997 (R2004))

BSR INCITS/ISO/IEC 9541-4-200x, Information technology - Font information interchange - Part 4: Harmonization to Open Font Format (identical national adoption of ISO/IEC 9541-4:2009)

BSR INCITS/ISO/IEC 13240-200x, Information technology - Document description and processing languages - Interchange Standard for Multimedia Interactive Documents (ISMID) (identical national adoption of ISO/IEC 13240:2001)

BSR INCITS/ISO/IEC 19795-2-200x, Information technology - Biometric performance testing and reporting - Part 2: Testing methodologies for technology and scenario evaluation (identical national adoption of ISO/IEC 19795-2:2007)

BSR INCITS/ISO/IEC 19795-4-200x, Information technology - Biometric performance testing and reporting - Part 4: Interoperability performance testing (identical national adoption of ISO/IEC 19795-4:2008)

BSR INCITS/ISO/IEC 24708-200x, Information technology - Biometrics - BioAPI Interworking Protocol (identical national adoption of ISO/IEC 24708:2008)

BSR INCITS/ISO/IEC 24709-1-200x, Information technology - Conformance testing for the biometric application programming interface (BioAPI) - Part 1: Methods and procedures (identical national adoption of ISO/IEC 24709-1:2007)

BSR INCITS/ISO/IEC 24709-2-200x, Information technology - Conformance testing for the biometric application programming interface (BioAPI) - Part 2: Test assertions for biometric service providers (identical national adoption of ISO/IEC 24709-2:2007)

BSR INCITS/ISO/IEC 24713-1-200x, Information technology - Biometric profiles for interoperability and data interchange - Part 1: Overview of biometric systems and biometric profiles (identical national adoption of ISO/IEC 24713-1:2008)

BSR INCITS/ISO/IEC 24713-2-200x, Information technology - Biometric profiles for interoperability and data interchange - Part 2: Physical access control for employees at airports (identical national adoption of ISO/IEC 24713-2:2008)

BSR INCITS/ISO/IEC 24756-200x, Information technology - Framework for specifying a common access profile (CAP) of needs and capabilities of users, systems, and their environments (identical national adoption of ISO/IEC 24756:2009)

BSR/INCITS/ISO/IEC 19794-8-200x, Information technology - Biometric data interchange formats - Part 8: Finger pattern skeletal data (identical national adoption of ISO/IEC 19794-8:2006)

INCITS/ISO/IEC 7501-1-1997 (R2009), Identification Cards - Machine Readable Travel Documents - Part 1: Machine Readable Passport (reaffirmation of INCITS/ISO/IEC 7501-1-1997 (R2004))

INCITS/ISO/IEC 7501-3-1997 (R2009), Identification Cards - Machine Readable Travel Documents - Part 3: Machine Readable Official Travel Document (reaffirmation of INCITS/ISO/IEC 7501-3-1997 (R2004))

INCITS/ISO/IEC 13250-2-200x, Information Technology - Topic Maps - Part 2: Data Model (identical national adoption of ISO/IEC 13250-2:2006)

INCITS/ISO/IEC 13250-3:2007, Information Technology - Topic Maps - Part 3: XML Syntax (identical national adoption and revision of INCITS/ISO/IEC 13250-3:2007)

INCITS/ISO/IEC 14496-10-2008, Information technology - Coding of audio-visual objects - Part 10: Advanced video coding (identical national adoption of ISO/IEC 14496-10-2008)

INCITS/ISO/IEC 9541-1:1991 AM 2: 1998, Information technology - Font information interchange - Part 1: Architecture - Amendment 2: Minor enhancements to the architecture to address font technology advances (identical national adoption of ISO/IEC 9541-1:1991 Amendment 2: 1998)

INCITS/ISO/IEC 9541-1:1991 AM 4:2009, Information technology - Font information interchange - Part 1: Architecture - Amendment 4: Extension to font resource architecture (identical national adoption of ISO/IEC 9541-1:1991 Amendment 4:2009)

INCITS/ISO/IEC 9541-2:1991 AM 2:2009, Information technology - Font information interchange - Part 2: Interchange format - Amendment 2: Extension to font reference (identical national adoption of ISO/IEC 9541-2:1991 Amendment 2:2009)

INCITS/ISO/IEC 9541-3:1994 AM 1:2005, Information technology - Font information interchange - Part 3: Glyph shape representation - Amendment 1: Additional shape representation technology (identical national adoption of ISO/IEC 9541-3:1994 Amendment 1:2005)

INCITS/ISO/IEC 9541-3:1994 AM 2:2009, Information technology - Font information interchange - Part 3: Glyph shape representation - Amendment 2: Additional Shape Representation Technology for Open Font Format (identical national adoption of ISO/IEC 9541-3:1994 Amendment 2:2009)

NEMA (National Electrical Manufacturers Association)

Office: 1300 North 17th Street, Suite 1847
Rosslyn, VA 22209

Contact: *Michael Leibowitz*

Phone: (703) 841-3264

Fax: (703) 841-3300

E-mail: mik_leibowitz@nema.org

BSR/NEMA MW 1000 Rev. 1-200x , Magnet Wire (revision of ANSI/NEMA MW 1000-2008)

BSR/NEMA OS 1-200x, Sheet-Steel Outlet Boxes, Device Boxes, Covers, and Box Supports (revision of ANSI/NEMA OS 1-2008)

SDI (ASC A250) (Steel Door Institute)

Office: 30200 Detroit Road
Cleveland, Ohio 44135

Contact: *Linda Hamill*

Phone: (440) 899-0010

Fax: (440) 892-1404

E-mail: leh@wherryassoc.com

BSR A250.6-2003 (R200x), Hardware Reinforcing on Standard Steel Doors and Frames (reaffirmation of ANSI A250.6-2003)

TIA (Telecommunications Industry Association)

Office: 2500 Wilson Blvd
Arlington, VA 22201

Contact: *Ronda Coulter*

Phone: (703) 907-7974

Fax: (703) 907-7727

E-mail: rcoulter@tiaonline.org

BSR/TIA 102.BAEE-A-2004 (R200x), Project 25 Radio Management Protocols - New Technology Standards Project - Digital Radio Technical Standards (reaffirmation of ANSI/TIA 102.BAEE-A-2004)

VITA (VMEbus International Trade Association (VITA))

Office: PO Box 19658
Fountain Hills, AZ 85269

Contact: *John Rynearson*

Phone: (480) 837-7486

Fax: (480) 837-7486

E-mail: techdir@vita.com

BSR/VITA 48.0-200x, Mechanical Specification for Microcomputers Using Ruggedized Enhanced Design Implementation (REDI) (new standard)

BSR/VITA 48.1-200x, Mechanical Specification for Microcomputers Using REDI Air Cooling (new standard)

BSR/VITA 48.2-200x, Mechanical Specification for Microcomputers Using REDI Conduction Cooling Applied to VITA 46 (new standard)

BSR/VITA 51.3-200x, Qualification and Environmental Stress Screening in Support of Reliability Predictions (new standard)

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.

ASA (ASC S2) (Acoustical Society of America)

New Standards

ANSI/ASA S2.62-2009, Shock Test Requirements for Equipment in a Rugged Shock Environment (new standard): 6/3/2009

ASME (American Society of Mechanical Engineers)

Addenda

ANSI/ASME B31.1b-2009, Power Piping (addenda to ANSI/ASME B31.1-2007): 6/3/2009

New Standards

ANSI/ASME V&V 20-2009, Standard for Verification and Validation in Computational Fluid Dynamics and Heat Transfer (new standard): 6/3/2009

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

New Standards

ANSI/ASSE Z359.6-2009, Specification and Design Requirements for Active Fall Protecction Systems (new standard): 6/3/2009

ANSI/ASSE Z359.13-2009, Personal Energy Absorbers and Energy Absorbing Lanyards (new standard): 6/3/2009

NSF (NSF International)

Revisions

ANSI/NSF 50-2009 (i58 and i41), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2008): 5/22/2009

ANSI/NSF 50-2009 (i59 and i60), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2008): 4/29/2009

UL (Underwriters Laboratories, Inc.)

Reaffirmations

ANSI/UL 1978-2005 (R2009), Standard for Safety for Grease Ducts (Reaffirm proposal dated 2-27-09) (reaffirmation of ANSI/UL 1978-2005): 5/29/2009

Revisions

ANSI/UL 94-2009, Standard for Safety for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances (Proposal dated 5/2/2008) (revision of ANSI/UL 94-2006): 6/3/2009

ANSI/UL 94-2009A, Standard for Safety for Flammability of Plastic Materials for Parts in Devices and Appliances (Proposal dated 5/30/2008) (revision of ANSI/UL 94-2006): 6/3/2009

ANSI/UL 94-2009, Standard for Safety for Flammability of Plastic Materials for Parts in Devices and Appliances (Proposal dated 8/8/2008) (revision of ANSI/UL 94-2006): 6/3/2009

ANSI/UL 94-2009B, Standard for Safety for Flammability of Plastic Materials for Parts in Devices and Appliances (Proposal dated 2/20/2009) (revision of ANSI/UL 94-2006): 6/3/2009

ANSI/UL 94-2009A, Standard for Safety for Flammability of Plastic Materials for Parts in Devices and Appliances (Proposal dated 2/27/2009) (revision of ANSI/UL 94-2006): 6/3/2009

ANSI/UL 94-2009B, Standard for Safety for Flammability of Plastic Materials for Parts in Devices and Appliances (Proposal dated 12/26/2008) (revision of ANSI/UL 94-2006): 6/3/2009

ANSI/UL 1004-2-2009, Standard for Safety for Impedance Protected Motors (Proposal dated 1-2-09) (revision of ANSI/UL 1004-2-2008): 4/15/2009

ANSI/UL 1004-2-2009, Standard for Safety for Impedance Protected Motors, (Proposal dated 2-27-09) (revision of ANSI/UL 1004-2-2008): 4/15/2009

ANSI/UL 1449-2009, Standard for Surge Protective Devices (Proposal dated 9-12-08) (revision of ANSI/UL 1449-2006): 6/1/2009

ANSI/UL 1449-2009, Standard for Surge Protective Devices (Proposal dated 3-13-09) (revision of ANSI/UL 1449-2006): 6/1/2009

ANSI/UL 1777-2009, Standard for Safety for Chimney Liners (revision of ANSI/UL 1777-2007): 6/3/2009

Project Initiation Notification System (PINS)

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

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

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

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

Office: 2111 Wilson Boulevard
Suite 500
Arlington, VA 22201

Contact: *Daniel Abbate*

Fax: (703) 562-1942

E-mail: dabbate@ahrinet.org

BSR/AHRI Standard 260-200x, Sound Rating of Ducted Air Moving and Conditioning Equipment (new standard)

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

Project Need: To establish a method of sound rating the indoor portions of ducted air moving and conditioning equipment.

Applies to all ducted air moving and conditioning equipment containing fans as defined in this standard.

API (American Petroleum Institute)

Office: 1220 L Street, N.W.
Washington, DC 20005

Contact: *Carriann Kuryla*

Fax: (202) 962-4797

E-mail: kurylac@api.org

BSR/API Spec 6D/ISO 14313-200x, Specification for Pipeline Valves, 23rd Edition (national adoption with modifications and revision of ANSI/API Spec 6D/ISO 14313-2008)

Stakeholders: Manufacturers, users, and inspectors of pipeline

Project Need: To add a regional annex to align technical requirements to those in API Spec 6A/ISO 10423.

Specifies requirements and provides recommendations for the design, manufacturing, testing and documentation of ball, check, gate and plug valves for application in pipeline systems meeting the requirements of ISO 13623 for the petroleum and natural gas industries. It is not applicable to subsea pipeline valves or for pressure ratings exceeding PN 240 (Class 2 500). A regional annex was added to align technical requirements to those in API 6A/ISO 10423.

ASC X9 (Accredited Standards Committee X9, Incorporated)

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

Contact: *Isabel Bailey*

Fax: (410) 267-0961

E-mail: isabel.baileyx9@verizon.net

BSR X9.24 Part 1-200x, Retail Financial Services Symmetric Key Management - Part 1: Using Symmetric Techniques (revision of ANSI X9.24 Part 1-2004)

Stakeholders: Financial institutions, processors, vendors, card companies, and auditors.

Project Need: To protect cardholder data during transmission from the point of entry into interchange. By incorporating TG-7 as an annex of the standard, it will simply adhere to the requirements of the standard.

Covers both the manual and automated management of keying material used for financial services such as point-of-sale (POS) transactions (debit and credit), automated teller machine (ATM) transactions, messages among terminals and financial institutions, and interchange messages among acquirers, switches and card issuers. This part of this standard deals exclusively with management of symmetric keys using symmetric techniques. This part of this standard specifies the minimum requirements for the management of keying material.

ASME (American Society of Mechanical Engineers)

Office: 3 Park Avenue, 20th Floor (20N2)
New York, NY 10016

Contact: *Mayra Santiago*

Fax: (212) 591-8501

E-mail: ansibox@asme.org

BSR/ASME Y14.36-200x, Surface Texture Symbols (revision of ANSI/ASME Y14.36M-1996 (R2008))

Stakeholders: Those who prepare mechanical engineering drawings.

Project Need: To update the standard to reflect current practices.

Specifies the rules for the indication of surface texture in technical product documentation, (e.g., drawings, specifications, contracts, reports) by means of graphical symbols and textual indications.

ASSE (American Society of Sanitary Engineering)

Office: 901 Canterbury Road, Suite A
Westlake, OH 44145-1480

Contact: *Steve Hazzard*

Fax: (440) 835-3488

E-mail: steve@asse-plumbing.org

BSR/ASSE 1049-200x, Performance Requirements for Individual and Branch Type Air Admittance Valves (AAV's) for Chemical Waste Systems (new standard)

Stakeholders: Construction and plumbing industries.

Project Need: To prevent siphonage of trap seals in chemical waste systems and prevent sewer gases from entering the building.

These AAVs are used in chemical waste systems to prevent the siphonage of trap seals for individual and multiple fixtures and to prevent sewer gases from entering the building.

BSR/ASSE 1050-200x, Performance Requirements for Stack Air Admittance Valves (AAV's) for Sanitary Drainage Systems (new standard)

Stakeholders: Construction and plumbing industries.

Project Need: To prevent siphonage of water trap seals and prevent serer gases from entering the building.

These stack AAVs are used to prevent siphonage of water trap seals and are installed on stacks where branches on multiple floors are connected. These AAVs are one-way valves that prevent sewer gases from entering the building.

BSR/ASSE 1051-200x, Performance Requirements for Individual and Branch Type Air Admittance Valves (AAV's) for Sanitary Drainage Systems (new standard)

Stakeholders: Construction and plumbing industries.

Project Need: To prevent siphonage of water trap seals and prevent serer gases from entering the building.

These individual and branch-type AAVs are used in the plumbing drainage system to prevent the siphonage of water trap seals for individual fixtures or horizontal branch serving multiple fixtures and to prevent sewer gases from entering the building.

ATIS (Alliance for Telecommunications Industry Solutions)

Office: 1200 G Street, NW
Suite 500
Washington, DC 20005

Contact: *Kerrianne Conn*

Fax: (202) 347-7125

E-mail: kconn@atis.org

BSR ATIS 0300202-200x, Internetwork Operations - Guidelines for Network Management of the Public Telecommunications Networks Under Disaster Conditions (revision, redesignation and consolidation of ANSI T1.202-2004 and ANSI ATIS 0300202.a.-2005)

Stakeholders: Communication industry.

Project Need: To encompass the cooperative network management actions (that may be) required of interconnected network operators during emergency conditions associated with disasters that threaten life or property and cause congestion in the public telecommunications networks.

Encompasses the cooperative network management actions (that may be) required of interconnected network operators during emergency conditions associated with disasters that threaten life or property and cause congestion in the public telecommunications networks. Network management actions should optimize the integrity of the public telecommunications networks while obtaining the maximum use of the network capability during a disaster condition. These guidelines address the network actions required to relieve congestion in the public telecommunications networks caused by traffic overload and/or failures resulting from the disaster conditions.

AWS (American Welding Society)

Office: 550 N.W. LeJeune Road
Miami, FL 33126

Contact: *Rosalinda O'Neill*

Fax: (305) 443-5951

E-mail: roneill@aws.org

BSR/AWS B2.1/B2.1M-200x, Specification for Welding Procedure and Performance Qualification (revision of ANSI/AWS B2.1/B2.1M-2008)

Stakeholders: Welders, consumer, producers.

Project Need: To provide test data for assessing the properties of a welded joint.

Provides requirements for the qualification of welding procedures. It also provides requirements for the performance qualification of welders and welding operators. This specification is intended for use where referenced by a product or fabrication code, specification, contract document, or internal documents such as quality control or quality assurance manuals.

BSR/AWS B5.1-200x, Specification for the Qualification of Welding Inspectors (revision of ANSI/AWS B5.1-2003)

Stakeholders: Welding inspectors, metal fabricators, end users, erectors, structural steel industry.

Project Need: To establish minimum qualification requirements for welding inspectors, and a method to test or examine candidates.

Defines the qualification requirements to qualify welding inspectors. The qualification requirements for visual welding inspectors include experience, satisfactory completion of an examination, which includes demonstrated capabilities, and proof of visual acuity. The examination tests the inspector's knowledge of welding processes, welding procedures, nondestructive examinations, destructive tests, terms, definitions, symbols, reports, welding metallurgy, related mathematics, safety, quality assurance and responsibility.

CEA (Consumer Electronics Association)

Office: 1919 South Eads Street
Arlington, VA 22202

Contact: *Leslie King*

Fax: (703) 907-4195

E-mail: lking@CE.org

ANSI/CEA 600.10-2000, Introduction to the CEBus Standard (withdrawal of ANSI/CEA 600.10-2000)

Stakeholders: Consumer electronics industry.

Project Need: To withdraw ANSI/CEA 600.10.

Covers the overall topology of the CEA-600 network.

ANSI/CEA 600.31-1997 (R2004), Power Line Physical Layer and Medium Specification (withdrawal of ANSI/CEA 600.31-1997 (R2004))

Stakeholders: Consumer electronics industry.

Project Need: To withdraw ANSI/CEA 600.31.

Provides the preliminary specification for the CEBus Power Line (PL) Physical Layer and Media portion of the Physical Layer and Media Specifications of CEA-600.

ANSI/CEA 600.32-1997 (R2004), Twisted Pair Physical Layer & Medium Specification (withdrawal of ANSI/CEA 600.32-1997 (R2004))

Stakeholders: Consumer Electronics Association.

Project Need: To withdraw ANSI/CEA 600.32.

Provides the specification for the CEBus Twisted Pair (TP) Physical Layer and Medium.

ANSI/CEA 600.33-1997 (R2004), Coax Cable Physical Layer & Medium Specification (withdrawal of ANSI/CEA 600.33-1997 (R2004))

Stakeholders: Consumer electronics industry.

Project Need: To withdraw ANSI/CEA 600.33.

Provides the preliminary specification for the CEBus Coax (CX) Physical Layer and Medium.

ANSI/CEA 600.34-1997 (R2004), IR Physical Layer & Medium Specification (withdrawal of ANSI/CEA 600.34-1997 (R2004))

Stakeholders: Consumer electronics industry.

Project Need: To withdraw ANSI/CEA 600.34.

Provides a preliminary specification for the CEBus Infrared (IR) Physical Layer and Medium portion of the Physical Layer and Medium specifications of EIA-600.

ANSI/CEA 600.35-1997 (R2004), RF Physical Layer & Medium Specification (withdrawal of ANSI/CEA 600.35-1997 (R2004))

Stakeholders: Consumer Electronics Association.

Project Need: To withdraw ANSI/CEA 600.35.

Provides the preliminary specification for the CEBus Radio Frequency (RF) Physical Layer and Medium portion of the Physical Layer and Medium specifications of CEA-600.

ANSI/CEA 600.37-1997 (R2004), Symbol-Encoding Sublayer (withdrawal of ANSI/CEA 600.37-1997 (R2004))

Stakeholders: Consumer electronics industry.

Project Need: To withdraw ANSI/CEA 600.37.

Describes the portion of the Node Physical Layer that interfaces to the Medium Access Control (MAC) Sublayer and to Layer System Management (LSM).

ANSI/CEA 600.38-1997 (R2004), Power Line/Radio Frequency Symbol Encoding Sublayer (withdrawal of ANSI/CEA 600.38-1997 (R2004))

Stakeholders: Consumer Electronics Association.

Project Need: To withdraw ANSI/CEA 600.38.

Describes the portion of the Power Line or RF Physical Layer that interfaces to the Medium Access Control (MAC) Sublayer and to Layer System Management (LSM).

ANSI/CEA 600.41-1997 (R2004), Description of the Data Link Layer (withdrawal of ANSI/CEA 600.41-1997 (R2004))

Stakeholders: Consumer electronics industry.

Project Need: To withdraw ANSI/CEA 600.41.

Provides a prose description of the Data Link Layer Design for the CEBus Network.

ANSI/CEA 600.42-1997 (R2004), Node Medium Access Control Sublayer (withdrawal of ANSI/CEA 600.42-1997 (R2004))

Stakeholders: Consumer electronics industry.

Project Need: To withdraw ANSI/CEA 600.42.

Provides a technical specification of the services and protocol for the Node Medium Access Control Sublayer.

ANSI/CEA 600.43-1997 (R2004), Node Logical Link Control Sublayer (withdrawal of ANSI/CEA 600.43-1997 (R2004))

Stakeholders: Consumer electronics industry.

Project Need: To withdraw ANSI/CEA 600.43.

Provides a technical specification of the services and protocol for the Node Logical Link Control Sublayer.

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

Stakeholders: Consumer Electronics Association.

Project Need: To withdraw ANSI/CEA 600.81.

Describes the basic framework of CAL.

ANSI/CEA 600.82-1997 (R2004), CAL Context Description (withdrawal of ANSI/CEA 600.82-1997 (R2004))

Stakeholders: Consumer electronics industry.

Project Need: To withdraw ANSI/CEA 600.82.

Describes the contexts, or main subsystems within a device, supported by the Common Application Language (CAL).

ANSI/CEA 633.37-1997 (R2004), Symbol Encoding Sublayer Physical Layer Conformance (withdrawal of ANSI/CEA 633.37-1997 (R2004))

Stakeholders: Consumer electronics industry.

Project Need: To withdraw ANSI/CEA 633.37.

Specifies tests to determine conformance of a Node's Symbol Encoding Sublayer to CEA-600.

ANSI/CEA 633.38-1997 (R2004), PL and RF Symbol Encoding Physical Layer Conformance (withdrawal of ANSI/CEA 633.38-1997 (R2004))

Stakeholders: Consumer electronics industry.

Project Need: To withdraw ANSI/CEA 633.38.

Specifies tests to determine conformance of a Node's Power Line or RF Symbol Encoding Sublayer to CEA-600.

ANSI/CEA 633.42-2000 (R2006), Node Data Link Layer Conformance (withdrawal of ANSI/CEA 633.42-2000 (R2006))

Stakeholders: Consumer electronics industry.

Project Need: To withdraw ANSI/CEA 633.42.

Specifies tests to determine conformance of a Node's Power Line or RF Symbol Encoding Sublayer to the CEA-600 series.

ANSI/CEA 844-2001, XML Encoding of Generic Common Application Language (withdrawal of ANSI/CEA 844-2001)

Stakeholders: Consumer electronics industry.

Project Need: To withdraw ANSI/CEA 844.

Specifies the encoding of Generic Common Application Language (CAL) into XML. It is based on the CEA 721 series and CEA 851.

BSR/CEA 721.1-1999 (R200x), Generic Common Application Language (Generic CAL) Specification (reaffirmation of ANSI/CEA 721.1-1999 (R2004))

Stakeholders: Consumer electronics industry.

Project Need: To reaffirm ANSI/CEA 721.1.

Describes the basic framework of Generic CAL.

BSR/CEA 721.2-1999 (R200x), Generic CAL Context Description (reaffirmation of ANSI/CEA 721.2-1999 (R2004))

Stakeholders: Consumer electronics industry.

Project Need: To reaffirm ANSI/CEA 721.2.

Describes the contexts, or main subsystems within a device, supported by the Generic Common Application Language (Generic CAL).

BSR/CEA 721.3-1999 (R200x), Node Application Layer Specification (reaffirmation of ANSI/CEA 721.3-1999 (R2004))

Stakeholders: Consumer electronics industry.

Project Need: To reaffirm ANSI/CEA 721.3.

Consists of four main elements. The application process is the interface to the Application Layer.

BSR/CEA 721.4-1999 (R200x), Generic Common Application Language Quality of Service (reaffirmation of ANSI/CEA 721.4-1999 (R2004))

Stakeholders: Consumer electronics industry.

Project Need: To reaffirm ANSI/CEA 721.4.

Consists of an Application Layer containing a command language and a Message Transfer Service Element for Generic CAL.

EIA (Electronic Industries Alliance)

Office: 2500 Wilson Boulevard
Suite 310
Arlington, VA 22201

Contact: *Cecelia Yates*

Fax: (703) 875-8908

E-mail: cyates@ecaus.org

BSR/EIA 364-45B-200x, Firewall Flame Test Procedure for Electrical Connectors (revision of ANSI/EIA 364-45A-2000 (R2007))

Stakeholders: Electrical, electronics, and telecommunications

Project Need: To revise this standard to include recommended equipment and make additional changes for clarification, as deemed applicable by the project leader

Establishes a test method to determine the ability of a mated electrical firewall connector to resist specified flame and vibration during a 20-minute exposure.

BSR/EIA 364-80A-200x, Low Frequency Shielding Effectiveness Test Procedure for Electrical Connectors and Sockets (revision of ANSI/EIA 364-80-2002)

Stakeholders: Electrical, electronics, and telecommunications

Project Need: To revise this standard so as to address the 1-ohm resistance as part of the reference measurement.

Describes two methods to measure the shielding transfer impedance of mated cable connectors in the frequency range 10 kHz to 100 MHz.

BSR/EIA 364-88A-200x, Residual Magnetism Test Procedure for Electrical Connectors (revision of ANSI/EIA 364-88-2009)

Stakeholders: Electrical, electronics and telecommunications

Project Need: To revise this standard so as to conform to current testing practices.

Establishes a test method to determine the residual magnetism of a connector after exposure to a specified magnetic field.

EOS/ESD (ESD Association, Inc.)

Office: 7900 Turin Rd., Bldg. 3
Rome, NY 13440

Contact: *Christina Earl*

Fax: (315) 339-6793

E-mail: cearl@esda.org

BSR/ESD SP14.5-200x, ESD Association Standard Practice for the Protection of Electrostatic Discharge Susceptible Items - ESD/EMC Sensitivity Scanning (new standard)

Stakeholders: Electronics industry.

Project Need: To establish a standard method(s) of performing ESD EMC Scanning that will allow test results to be compared, correlated and analyzed. This will provide key information to both design and test personnel necessary to reduce the threat of upset due to ESD and other EMC events.

Defines a method of determining the sensitivity (upset and malfunction) of devices, boards and systems to the effects of ESD and provides guidance to the user regarding the monitoring of devices, boards and systems for susceptibility problems.

FM (FM Approvals)

Office: 1151 Boston-Providence Turnpike
Norwood, MA 2062

Contact: *Josephine Mahnken*

Fax: (781) 762-9375

E-mail: josephine.mahnken@fmglobal.com

BSR/FM 4910-200x, Cleanroom Materials Flammability Test Protocol (revision of ANSI/FMRC FM 4910-2004)

Stakeholders: Producers, users, general public.

Project Need: To clarify and expand the acceptance criteria for parallel panel test results.

Describes minimum performance requirements for materials that are intended for use in cleanroom facilities. This standard evaluates the ability of the materials and, in turn, the system components to limit fire spread, and smoke damage resulting from a fire in the cleanroom environment.

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

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

Contact: *Barbara Bennett*

Fax: (202) 638-4922

E-mail: bbennett@itic.org

BSR INCITS/ISO/IEC 13240-200x, Information technology - Document description and processing languages - Interchange Standard for Multimedia Interactive Documents (ISMID) (identical national adoption of ISO/IEC 13240:2001)

Stakeholders: ICT industry.

Project Need: To adopt this International Standard, which will be beneficial to the ICT industry.

Facilitates the interchange of Multimedia Interactive Documents (MIDs) among heterogeneous interactive document development and delivery systems by providing the architecture from which common interchange languages can be created. ISMID is a client architecture of ISO/IEC 10744: 1997, Information technology - Hypermedia/Time-based Structuring Language (HyTime), and is an SGML application conforming to ISO 8879, Standard Generalized Markup Language.

BSR INCITS/ISO/IEC 24708-200x, Information technology - Biometrics - BioAPI Interworking Protocol (identical national adoption of ISO/IEC 24708:2008)

Stakeholders: ICT industry.

Project Need: To adopt this International Standard, which will be beneficial to the ICT industry.

Specifies the syntax, semantics, and encodings of a set of messages (BIP messages) that enable a BioAPI-conforming application (see ISO/IEC 19784-1) to request biometric operations in BioAPI-conforming biometric service providers (BSPs) across node or process boundaries, and to be notified of events originating in those remote BSPs. This standard also specifies extensions to the architecture and behavior of the BioAPI framework (specified in ISO/IEC 19784-1) that supports the creation, processing, sending and reception of BIP messages.

BSR INCITS/ISO/IEC 24708-200x, Information technology - Biometrics - BioAPI Interworking Protocol (identical national adoption of ISO/IEC 24708)

Stakeholders: ICT industry.

Project Need: To adopt this International Standard, which will be beneficial to the ICT industry.

Specifies the syntax, semantics, and encodings of a set of messages (BIP messages) that enable a BioAPI-conforming application (see ISO/IEC 19784-1) to request biometric operations in BioAPI-conforming biometric service providers (BSPs) across node or process boundaries, and to be notified of events originating in those remote BSPs.

NEMA (National Electrical Manufacturers Association)

Office: 1300 North 17th Street, Suite 1847
Rosslyn, VA 22209

Contact: *Michael Leibowitz*

Fax: (703) 841-3300

E-mail: mik_leibowitz@nema.org

BSR/NEMA MW 1000 Rev. 1-200x , Magnet Wire (revision of BSR/NEMA MW 1000 Rev. 1-200x)

Stakeholders: Manufacturers of motors, transformers and coil

Project Need: To implement updates to specifications and test procedures agreed upon since the release of the 2008 edition of this standard.

Presents all existing NEMA standards for round, rectangular, and square film-insulated and/or fibrous-covered copper and aluminum magnet wire for use in electrical apparati. Included are the definitions, type designations, dimensions, constructions, performance, and test methods for magnet wire generally used in the winding of coils for electrical apparati.

BSR/NEMA OS 1-200x, Sheet-Steel Outlet Boxes, Device Boxes, Covers, and Box Supports (revision of ANSI/NEMA OS 1-2008)

Stakeholders: Manufacturers of electrical outlet boxes.

Project Need: To amend this standard so as to provide guidance to the metal box industry on proper ground wire retention.

Covers general-purpose metal outlet boxes, device boxes, covers, and supports designed to facilitate the pulling of wires, to protect and facilitate wiring splices and taps, to provide a means of mounting and protecting wiring devices, and to provide a connection for rigid conduit, electrical metallic tubing, armored cable, metal clad cable, nonmetallic sheathed cable, flexible metallic conduit and knob-and-tube wiring systems.

VITA (VMEbus International Trade Association (VITA))

Office: PO Box 19658
Fountain Hills, AZ 85269

Contact: *John Rynearson*

Fax: (480) 837-7486

E-mail: techdir@vita.com

BSR/VITA 51.3-200x, Qualification and Environmental Stress Screening in Support of Reliability Predictions (new standard)

Stakeholders: Manufacturers and users of embedded electronic circuit cards.

Project Need: To assure that cost-effective Qualification and Environmental Stress Screening (ESS) support valid reliability predictions and enhance electronics reliability.

Provides the rules, permissions, and observations to assure that cost effective Qualification and Environmental Stress Screening support valid reliability predictions and enhance electronics reliability. This standard includes a discussion of the systems engineering relationships between Qualification, Environmental Stress Screening, and reliability.

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.

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

ACOUSTICS (TC 43)

ISO 13474:2009, Acoustics - Framework for calculating a distribution of sound exposure levels for impulsive sound events for the purposes of environmental noise assessment, $141.00

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 660:2009, Animal and vegetable fats and oils - Determination of acid value and acidity, $65.00

ISO 17604/Amd1:2009, Microbiology of food and animal feeding stuffs - Carcass sampling for microbiological analysis - Amendment 1: Sampling of poultry carcasses, $16.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO 8153-1:2009, Aerospace fluid systems and components - Vocabulary - Part 1: Hose assemblies, $92.00

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

ISO 4287/Amd1:2009, Geometrical Product Specifications (GPS) - Surface texture: Profile method - Terms, definitions and surface texture parameters - Amendment 1: Peak count number, $16.00

DOCUMENT IMAGING APPLICATIONS (TC 171)

ISO 11506:2009, Document management applications - Archiving of electronic data - Computer output microform (COM) / Computer output laser disc (COLD), $129.00

EQUIPMENT FOR FIRE PROTECTION AND FIRE FIGHTING (TC 21)

ISO 6183:2009, Fire protection equipment - Carbon dioxide extinguishing systems for use on premises - Design and installation, $157.00

FASTENERS (TC 2)

ISO 8752:2009, Spring-type straight pins - Slotted, heavy duty, $49.00

ISO 13337:2009, Spring-type straight pins - Slotted, light duty, $49.00

FIRE SAFETY (TC 92)

ISO 6944-2:2009, Fire containment - Elements of building construction - Part 2: Kitchen extract ducts, $92.00

ISO 23932:2009, Fire safety engineering - General principles, $92.00

GAS CYLINDERS (TC 58)

ISO 25760:2009, Gas cylinders - Operational procedures for the safe removal of valves from gas cylinders, $92.00

INDUSTRIAL FANS (TC 117)

ISO 27327-1:2009, Fans - Air curtain units - Part 1: Laboratory methods of testing for aerodynamic performance rating, $116.00

IRON ORES (TC 102)

ISO 4691:2009, Iron ores - Determination of titanium - Diantipyrylmethane spectrophotometric method, $80.00

ISO 9682-1:2009, Iron ores - Determination of manganese content - Part 1: Flame atomic absorption spectrometric method, $80.00

ISO 9683-2:2009, Iron ores - Determination of vanadium - Part 2: Flame atomic absorption spectrometric methods, $80.00

ISO 11533:2009, Iron ores - Determination of cobalt - Flame atomic absorption spectrometric method, $73.00

MACHINE TOOLS (TC 39)

ISO 13041-6:2009, Test conditions for numerically controlled turning machines and turning centres - Part 6: Accuracy of a finished test piece, $73.00

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

ISO 13623:2009, Petroleum and natural gas industries - Pipeline transportation systems, $193.00

ISO 14723:2009, Petroleum and natural gas industries - Pipeline transportation systems - Subsea pipeline valves, $180.00

ISO 17078-2/Cor1:2009, Petroleum and natural gas industries - Drilling and production equipment - Part 2: Flow-control devices for side-pocket mandrels - Corrigendum, FREE

MECHANICAL TESTING OF METALS (TC 164)

ISO 204:2009, Metallic materials - Uniaxial creep testing in tension - Method of test, $141.00

ROAD VEHICLES (TC 22)

ISO 22900-3:2009, Road vehicles - Modular vehicle communication interface (MVCI) - Part 3: Diagnostic server application programming interface (D-Server API), $320.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/PAS 30002:2009, Ships and marine technology - Ship recycling management systems - Guidelines for selection of ship recyclers (and pro forma contract), $49.00

IEC/PAS 60092-510:2009, Electrical installations in ships - Special features - High Voltage Shore Connection Systems (HVSC-Systems), $235.00

SMALL CRAFT (TC 188)

ISO 10862:2009, Small craft - Quick release system for trapeze harness, $73.00

ISO 12217-1/Amd1:2009, Small craft - Stability and buoyancy assessment and categorization - Part 1: Non-sailing boats of hull length greater than or equal to 6 m - Amendment 1, $16.00

ISO 12217-3/Amd1:2009, Small craft - Stability and buoyancy assessment and categorization - Part 3: Boats of hull length less than 6 m - Amendment 1, $16.00

SPRINGS (TC 227)

ISO 26910-1:2009, Springs - Shot peening - Part 1: General procedures, $86.00

STEEL (TC 17)

ISO 17832:2009, Non-parallel steel wire and cords for tyre reinforcement, $80.00

TOURISM AND RELATED SERVICES (TC 228)

ISO 11107:2009, Recreational diving services - Requirements for training programmes on enriched air nitrox (EAN) diving, $49.00

ISO 11121:2009, Recreational diving services - Requirements for introductory training programmes to scuba diving, $57.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO 3776-3:2009, Tractors and machinery for agriculture - Seat belts - Part 3: Requirements for assemblies, $80.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO 5173:2009, Destructive tests on welds in metallic materials - Bend tests, $92.00

ISO Technical Specifications

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO/TS 22745-30:2009, Industrial automation systems and integration - Open technical dictionaries and their application to master data - Part 30: Identification guide representation, $43.00

QUALITY MANAGEMENT AND QUALITY ASSURANCE (TC 176)

ISO/TS 16949:2009, Quality management systems - Particular requirements for the application of ISO 9001:2008 for automotive production and relevant service part organizations, $135.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 12862:2009, Information technology - 120 mm (8,54 Gbytes per side) and 80 mm (2,66 Gbytes per side) DVD recordable disk for dual layer (DVD-R for DL), $249.00

ISO/IEC 17341:2009, Information technology - Data interchange on 120 mm and 80 mm optical disk using +RW format - Capacity: 4,7 Gbytes and 1,46 Gbytes per side (recording speed up to 4X), $220.00

ISO/IEC 17344:2009, Information technology - Data interchange on 120 mm and 80 mm optical disk using +R format - Capacity: 4,7 Gbytes and 1,46 Gbytes per side (recording speed up to 16X), $235.00

ISO/IEC 26925:2009, Information technology - Data interchange on 120 mm and 80 mm optical disk using +RW HS format - Capacity: 4,7 Gbytes and 1,46 Gbytes per side (recording speed 8X), $220.00

ISO/IEC 29642:2009, Information technology - Data interchange on 120 mm and 80 mm optical disk using +RW DL format - Capacity: 8,55 Gbytes and 2,66 Gbytes per side (recording speed 2,4X), $220.00

ISO/IEC JTC 1 Technical Reports

ISO/IEC TR 29138-1:2009, Information technology - Accessibility considerations for people with disabilities - Part 1: User needs summary, $135.00

ISO/IEC TR 29138-2:2009, Information technology - Accessibility considerations for people with disabilities - Part 2: Standards inventory, $141.00

ISO/IEC TR 29138-3:2009, Information technology - Accessibility considerations for people with disabilities - Part 3: Guidance on user needs mapping, $104.00

IEC Standards

ELECTRICAL EQUIPMENT IN MEDICAL PRACTICE (TC 62)

IEC 62467-1 Ed. 1.0 b:2009, Medical electrical equipment - Dosimetric instruments as used in brachytherapy - Part 1: Instruments based on well-type ionization chambers, $117.00

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

IEC/PAS 61076-2-108 Ed. 1.0 en:2009, Connectors for electronic equipment - Product requirements - Part 2-108: Circular connectors - Detail specification for glass to metal seal style M12 connectors with screw-locking intended to mate with connectors conforming to IEC 61076-2-101, $97.00

IEC 60603-7-1 Ed. 2.0 b:2009, Connectors for electronic equipment - Part 7-1: Detail specification for 8-way, shielded, free and fixed connectors, $117.00

FIBRE OPTICS (TC 86)

IEC 61280-4-1 Ed. 2.0 en:2009, Fibre-optic communication subsystem test procedures - Part 4-1: Installed cable plant - Multimode attenuation measurement, $235.00

IEC 61754-15 Ed. 2.0 en:2009, Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 15: Type LSH connector family, $66.00

IEC 61754-24-11 Ed. 1.0 en:2009, Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 24-11: Type SC-RJ connectors with protective housings based on IEC 61076-3-117, $56.00

IEC 61754-24-21 Ed. 1.0 en:2009, Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 24-21: Type SC-RJ connectors with protective housings based on IEC 61076-3-106, variant 06, $51.00

FUEL CELL TECHNOLOGIES (TC 105)

IEC 62282-6-300 Ed. 1.0 b:2009, Fuel cell technologies - Part 6-300: Micro fuel cell power systems - Fuel cartridge interchangeability, $260.00

INSULATORS (TC 36)

IEC 62223 Ed. 1.0 b:2009, Insulators - Glossary of terms and definitions, $97.00

LAMPS AND RELATED EQUIPMENT (TC 34)

IEC/PAS 62612 Ed. 1.0 en:2009, Self-ballasted LED-lamps for general lighting services - Performance requirements, $77.00

IEC 62386-101 Ed. 1.0 b:2009, Digital addressable lighting interface - Part 101: General requirements - System, $66.00

IEC 62386-102 Ed. 1.0 b:2009, Digital addressable lighting interface - Part 102: General requirements - Control gear, $270.00

IEC 62386-201 Ed. 1.0 b:2009, Digital addressable lighting interface - Part 201: Particular requirements for control gear - Fluorescent lamps (device type 0), $56.00

IEC 62386-202 Ed. 1.0 b:2009, Digital addressable lighting interface - Part 202: Particular requirements for control gear - Self-contained emergency lighting (device type 1), $265.00

IEC 62386-203 Ed. 1.0 b:2009, Digital addressable lighting interface - Part 203: Particular requirements for control gear - Discharge lamps (excluding fluorescent lamps) (device type 2), $128.00

IEC 62386-204 Ed. 1.0 b:2009, Digital addressable lighting interface - Part 204: Particular requirements for control gear - Low voltage halogen lamps (device type 3), $158.00

IEC 62386-205 Ed. 1.0 b:2009, Digital addressable lighting interface - Part 205: Particular requirements for control gear - Supply voltage controller for incandescent lamps (device type 4), $128.00

IEC 62386-206 Ed. 1.0 b:2009, Digital addressable lighting interface - Part 206: Particular requirements for control gear - Conversion from digital signal into d.c. voltage (device type 5), $117.00

IEC 62386-208 Ed. 1.0 b:2009, Digital addressable lighting interface - Part 208: Particular requirements for control gear - Switching function (device type 7), $235.00

OTHER

IECEE ROHS-DB-12M Ed. 1.0 en:2009, IECEE CB BULLETIN - Information about IEC Standards and National Differences operated by the IECEE Members to issue (and Recognize), $107.00

SOLAR PHOTOVOLTAIC ENERGY SYSTEMS (TC 82)

IEC 60904-4 Ed. 1.0 b:2009, Photovoltaic devices - Part 4: Reference solar devices - Procedures for establishing calibration traceability, $117.00

Registration of Organization Names in the United States

The Procedures for Registration of Organization Names in the United States of America (document ISSB 989) require that alphanumeric organization names be subject to a 90-day Public Review period prior to registration. For further information, please contact the Registration Coordinator at (212) 642-4946.

The following is a list of alphanumeric organization names that have been submitted to ANSI for registration. Alphanumeric names appearing for the first time are printed in bold type. Names with confidential contact information, as requested by the organization, list only public review dates.

PUBLIC REVIEW

MLM

Organization: Martin Marietta Materials
Contact: David Jastrow – Sr. Systems Administrator
Address: 2700 Wycliff Road
Raleigh, NC 27607
PHONE: (919) 882-2268
FAX: (919) 882-2208
E-mail: david.jastrow@martinmarietta.com

Public Review: April 3 to July 2, 2009

NOTE: Challenged alphanumeric names are underlined. The Procedures for Registration provide for a challenge process, which follows in brief. For complete details, see Section 6.4 of the Procedures.

A challenge is initiated when a letter from an interested entity is received by the Registration Coordinator. The letter shall identify the alphanumeric organization name being challenged and state the rationale supporting the challenge. A challenge fee shall accompany the letter. After receipt of the challenge, the alphanumeric organization name shall be marked as challenged in the Public Review list. The Registration Coordinator shall take no further action to register the challenged name until the challenge is resolved among the disputing parties.

Proposed Foreign Government Regulations

Call for Comment

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

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

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

Information Concerning

American National Standards

INCITS Executive Board

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

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

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

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

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

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

ANSI Accredited Standards Developers

Administrative Reaccreditations

ASC I14 – Window Cleaning Safety

Accredited Standards Committee I14, Window Cleaning Safety, has been administratively reaccredited at the direction of ANSI's Executive Standards Council, under operating procedures revised to bring the document into compliance with the 2009 version of the ANSI Essential Requirements, effective June 15, 2009. For additional information, please contact the Secretariat of ASC I14: Mr. Stefan Bright, Safety Director, International Window Cleaning Association, 14 West 3rd Street, Suite 200, Kansas City, MO 64105; PHONE: (800) 875-4922; FAX: (816) 472-7765; E-mail: sdbright@optonline.net.

NSF International

NSF International, an ANSI Organization Member, has been administratively reaccredited at the direction of ANSI's Executive Standards Council, under operating procedures revised to bring the document into compliance with the 2009 version of the ANSI Essential Requirements, effective June 17, 2009. For additional information, please contact: Ms. Jane Wilson, Director of Standards, NSF International, P.O. Box 130140, Ann Arbor, MI 48113-0140; PHONE: (734) 827-6835; FAX: (734) 827-6155; E-mail: Wilson@nsf.org.

Approval of Accreditation

American Fence Association (AFA)

ANSI's Executive Standards Council has approved the American Fence Association (AFA), a new ANSI Organizational Member in 2009, as an ANSI Accredited Standards Developer (ASD) under its proposed operating procedures for documenting consensus on proposed American National Standards, effective June 10, 2009. For additional information, please contact: Mr. Rick Church, Executive Director, American Fence Association, 800 Roosevelt Road, Suite 312, Glen Ellyn, IL 60137; PHONE: (800) 822-4342; FAX: (630) 790-3095; E-mail: rickc@cmservices.com.

ANSI Accreditation Program for Third Party Product Certification Agencies

Requests for Scope Extensions

CSA International

Comment Deadline: July 20, 2009

Mr. Walter Vance
CSA International
8501 E. Pleasant Valley Road
Cleveland, OH 44131-5575
PHONE: (216) 524-4990, Ext. 8484
FAX: (216) 328-8138
E-Mail: walter.vance@csa-international.org
Web: www.csa-international.org

CSA International, an ANSI-accredited certification body, has requested a scope extension of ANSI accreditation to include the following SCOPE(S):

EPA WaterSense (EPAWS)

Please send your comments by July 20, 2009 to Reinaldo Balbino Figueiredo, Program Director, Product Certifier Accreditation, American National Standards Institute, 1819 L Street, NW, 6th Floor, Washington, DC 20036, FAX: (202) 293-9287 or E-mail: rfigueir@ansi.org, or Nikki Jackson, Program Manager, Product Certifier Accreditation, American National Standards Institute, 1819 L Street, NW, 6th Floor, Washington, DC 20036 FAX: (202) 293-9287 or E-mail: njackson@ansi.org.

International Association of Plumbing and Mechanical Officials Research and Testing, Inc. (IAPMO RT)

Comment Deadline: July 20, 2009

Shahin Moinian
International Association of Plumbing and Mechanical Officials Research and Testing, Inc. (IAPMO RT)
5001 E. Philadelphia St.
Ontario, CA 91761
PHONE: (909) 472-4121
FAX: (909) 474-4150
E-mail: shahin.moinian@iapmort.org
Web: http://www.iapmo.org

Shirley Dewi (cc)
International Association of Plumbing and Mechanical Officials Research and Testing, Inc. (IAPMO RT)
5001 E. Philadelphia St.
Ontario, CA 91761
PHONE: (909) 230-5530
FAX: (909) 472-4199
E-mail: Shirley.Dewi@iapmort.org
Web: http://www.iapmo.org

International Association of Plumbing and Mechanical Officials Research and Testing Inc. (IAPMO RT), an ANSI-accredited certification body, has requested a scope extension of ANSI accreditation to include the following SCOPE(S):

EPA WaterSense (EPAWS)

Please send your comments by July 20, 2009 to Reinaldo Balbino Figueiredo, Program Director, Product Certifier Accreditation, American National Standards Institute, 1819 L Street, NW, 6th Floor, Washington, DC 20036, FAX: (202) 293-9287 or E-mail: rfigueir@ansi.org, or Nikki Jackson, Program Manager, Product Certifier Accreditation, American National Standards Institute, 1819 L Street, NW, 6th Floor, Washington, DC 20036 FAX: (202) 293-9287 or E-mail: njackson@ansi.org.

International Organization for Standardization (ISO)

Proposals for New Work Items

Guidance for Stakeholder Engagement

Comment Deadline: June 26, 2009

The ISO Technical Management Board (TMB) based on a proposal by the Committee on Consumer Policy (COPOLCO) has submitted to ISO a new work item proposal on the subject of Guidance for Stakeholder Engagement, with the following scope statement:

This standard will provide guidance on identifying and engaging with stakeholders, with the aim of providing an informed basis for an organization's decisions. Such engagement activities can range from information provision for consultations to full multi-stakeholder processes. This Standard will cover principles and provide practical guidance in planning, designing, communicating and implementing a timely and proactive engagement activity. This standard will also include guidance about what needs to be considered before deciding to undertake a consultation process. This standard will be applicable to all organizations. While the practical guidance in this standard could be used by the public and private sector in policy, program and project development, it is not intended to provide guidance on broader matters of representative democracy or corporate governance.

This proposal has been sent to the members of the ANSI ISO Council (AIC).

Anyone wishing to review the new work item can request a copy of the proposal by contacting Henrietta Scully, ANSI, via e-mail: hscully@ansi.org by June 23rd with submission of comments to Steven Cornish (scornish@ansi.org) by close of business June 26, 2009.

Sustainability in Event Management

Comment Deadline: July 10, 2009

ABNT (Brazil) and BSI (United Kingdom) have jointly proposed to ISO a proposal for a new ISO standard on the subject of Sustainability in Event Management, with the following scope statement:

Standardization in the field of sustainability in event management, with the aim to establish, implement, maintain and improve a sustainability management system for events;

This standard:

- will enable those involved in event management to minimize and manage environmental, financial and social impacts linked to venue selection, operating procedures, supply chain management, procurement, employment, communications, transport and "end of life" issues linked to post event management;
- can be used by any organization or individual involved in the management of events – Client, supplier, or event manager – and will be applicable to any type of event (e.g., exhibition, sporting event, public concert);
- will enable industry to publicly demonstrate its commitment to sustainability and assist those companies who are not yet up to speed with a system to develop their capability;
- will enable self assurance of conformity with its stated sustainability policy;
- will allow demonstration of conformity.

This proposal has been sent to the members of the ANSI ISO Council (AIC).

Anyone wishing to review the new work item can request a copy of the proposal by contacting Henrietta Scully, ANSI, via e-mail: hscully@ansi.org by July 7th with submission of comments to Steven Cornish (scornish@ansi.org) by close of business July 10, 2009.

Projects Management for the Reuse of Treated Wastewater

Comment Deadline: July 24, 2009

SII (Israel) has submitted a proposal for a new ISO standard on the subject of Treated Wastewater Reuse Implementation, with the following scope statement:

Standardization in the field of projects management for the reuse of treated wastewater.

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

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

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

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

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

This proposal has been sent to the members of the ANSI ISO Council (AIC).

Anyone wishing to review the new work item can request a copy of the proposal by contacting Henrietta Scully, ANSI, via e-mail: hscully@ansi.org by July 21st with submission of comments to Steven Cornish, (scornish@ansi.org) by close of business July 24, 2009.

Meeting Notices

Green Building Initiative's Full Technical Committee

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

Full Technical Committee Meeting on GBI 01-200XP

June 30, 2009: 1:00 – 4:00 pm EDST

July 14, 2009: 1:00 – 4:00 pm EDST

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

U.S. TAG to ISO/PC 242 – Energy Management

The U.S. Technical Advisory Group to ISO/PC 242 Energy Management will be holding a meeting at Burns and McDonnell World Headquarters at 9400 Ward Parkway, Kansas City, MO 64114 on August 4, 2009 to August 6, 2009. The objectives of the meeting include (a) to review the committee draft comments submitted by U.S. TAG members, (b) to determine the U.S. comments on the committee draft for submittial to PC 242, and (c) to discuss administrative issues for the TAG. Members and interested parties are invited to contact Deann Desai at deann.desai@gatech.edu with any questions or if they are interested in participating.

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

Public Review Draft

ASHRAE® Standard

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

Third Public Review -ISC (June 2009) (Draft Shows Proposed Independent Substantive Changes to Previous Public Review Draft)

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

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

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

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

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

FOREWORD

These changes clarify when controls are required to comply when lighting systems are retrofit. The original required that only controls that are replaced must meet specific requirements for that type of control. The new proposal requires that controls be changed or added to meet the primary 90.1 lighting control requirement of auto control when the lighting fixtures in the space are retrofit. This is simpler, makes spaces comply more completely with 90.1 and will save additional energy.

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

Addendum av to 90.1-2007 *Revise the Standard as follows (I-P units)*

Revise the Standard as follows (IP and SI units)

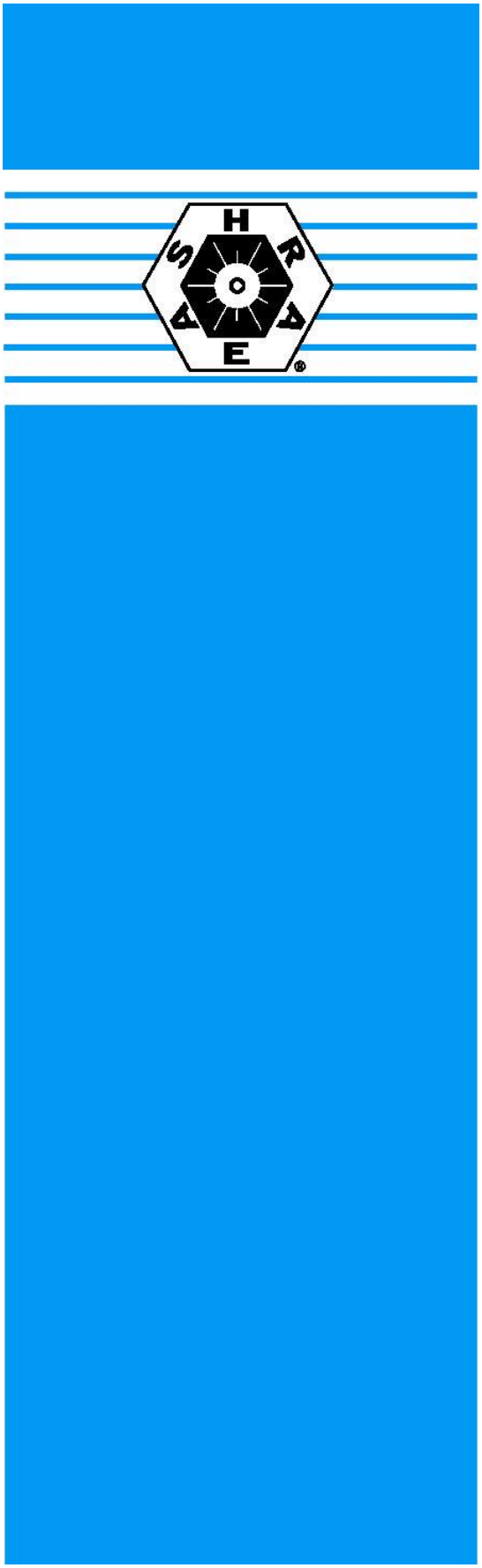
9.1.2.1 Lighting Alterations. The *alteration* of lighting *systems* in any building *space* or exterior area shall comply with the *lighting power density (LPD)* requirements of Section 9 applicable to that *space* or area and the automatic shutoff requirements of 9.4.1.1. Such *alterations* shall include all *luminaires* that are added, replaced or removed. This requirement shall also be met for *alterations* that involve ~~just~~ only the replacement of ~~the~~ *lamps* plus *ballasts*.

~~Any new *control devices* as a direct replacement of existing *control devices* shall comply with the specific requirements of Section 9.4.1.2(b).~~

Exception to 9.1.2.1: *Alterations* that involve less than 10% of the connected lighting load in a *space* or area need not comply with these requirements provided that such *alterations* do not increase the installed LPD

.

~~**9.1.2.2** Any new lighting *control devices* shall comply with the requirements of Section 9.4.1.2 and Section 9.4.1.4 for interior systems and Section 9.4.1.3 for exterior systems.~~



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

Public Review Draft

ASHRAE® Standard

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

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

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

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

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

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

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

FOREWORD

These changes clarify the intent of the functional testing requirements by adding more specific instruction and application details.

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

Addendum az to 90.1-2007 *Revise the Standard as follows (I-P units)*

Revise the Standard as follows (IP and SI units)

9.4.6 Functional Testing. Lighting ~~controls~~ control devices and control systems shall be tested ~~prior to occupancy~~ to ensure that control ~~elements~~ hardware and software are calibrated, adjusted, programmed, and in proper working condition in accordance with the construction documents and manufacturer's installation instructions. When *occupant sensors*, time switches, programmable schedule controls, or *photosensors* are ~~used~~installed, at a minimum, the following ~~functionality testing~~ procedures shall be performed:

a. Confirm that the placement, sensitivity and time-out adjustments for *occupant sensors* yield acceptable performance, ~~(~~i.e. lights turn off only after space is vacated and do not turn on unless space is occupied~~)~~.
b. Confirm that the time switches and programmable schedule controls are programmed to turn the lights off.

c. Confirm that photosensor controls reduce electric light based on the amount of usable daylight in the space as specified.

The construction documents shall state the party who will conduct and certify the functional testing. The party responsible for the functional testing shall not be directly involved, in either the design, or construction of the project and shall provide documentation certifying that the installed lighting controls meet or exceed all documented performance criteria. Certification shall be specific enough to verify conformance.

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

Public Review Draft

ASHRAE® Standard

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

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

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

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.

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

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

FOREWORD

The proposed language provides for more vestibules in climate zone 3 for buildings less than 10,000 sq feet and is more consistent with the IECC. This language has been revised to reflect addendum q to ASHRAE 90.1-2007.

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

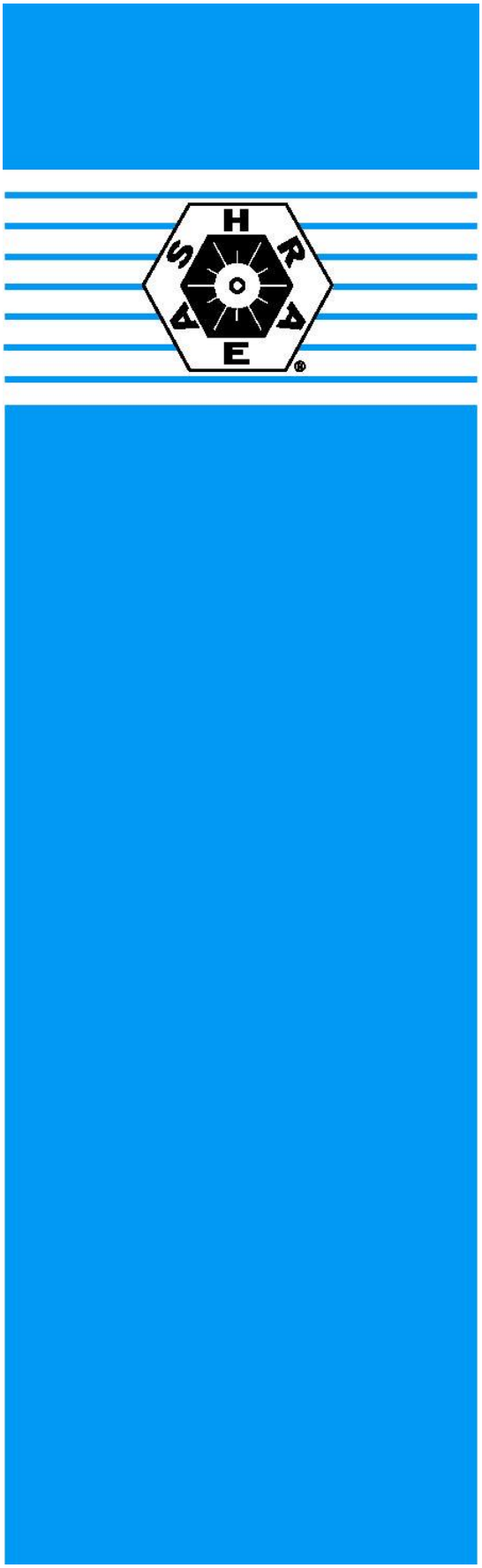
Addendum be to 90.1-2007

Revise the Standard as follows (IP and SI units)

5.4.3.4 Vestibules. Building entrances that separate *conditioned space* from the exterior shall be protected with an enclosed vestibule, with all *doors* opening into and out of the vestibule equipped with self-closing devices. Vestibules shall be designed so that in passing through the vestibule it is not necessary for the interior and exterior *doors* to open at the same time. Interior and exterior *doors* shall have a minimum distance between them of not less than 7 ft when in the closed position. The exterior envelope of conditioned vestibules shall comply with the requirements for a conditioned space. The interior and exterior envelope of unconditioned vestibules shall comply with the requirements for a semiheated space.

Exceptions:

a. *Building entrances* with revolving *doors*.
b. *Doors* not intended to be used as a *building entrance.*
c. *Doors* opening directly from a *dwelling unit*.
d. *Building entrances* in buildings located in climate zone 1 or 2.
~~e. *Building entrances* in buildings located in climate zone 3 that are less than four stories above grade and less than 10,000 ft2 (930 m2) in area.~~
e.~~f.~~ *Building entrances* in buildings located in climate zone 3, 4, 5, 6, 7, or 8 that are less than 1000 ft2 (90 m2)in area.
f.~~g.~~ *Doors* that open directly from a *space* that is less than 3000 ft2 (280 m2) in area and is separate from the *building entrance*.



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

Public Review Draft

ASHRAE® Standard

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

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

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

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

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

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

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

FOREWORD

Water-to-water heat pumps are used in many buildings covered by ASHRAE 90.1. These heat pumps use water to transfer energy throughout the building. In recent years, the demand for water to water heat pumps has increased significantly. However, the current ASHRAE 90.1 standard has no minimum energy efficiency requirements for this equipment.

This proposal establishes for the first time a product class for water- to-water heat pumps. The intent is to recognize the technology in Standard 90.1 by requiring minimum energy efficiency standards. Cooling EERs and heating COPs are proposed for products with cooling capacities below 135,000 Btu/h at standard rating conditions listed in ISO standard 13256-2. These minimums are proposed to become effective immediately upon publication of the addendum and will be subject to further review once a third-party certification is established and more data is available.

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

Addendum bg to 90.1-2007 *Revise the Standard as follows (I-P units)*

Revise Table 6.8.1B as follows (IP)

TABLE 6.8.1B Electrically Operated Unitary and Applied Heat Pumps—Minimum Efficiency Requirements *(continued)*

Equipment Type	Size Category	Heating Section Type	Subcategory or Rating Condition	Minimum Efficiency[a]	Test Procedure[b]
Water source water to water (cooling mode)	<135,000 Btu/h	All	86°F entering water	10.6 EER	ISO-13256-2

Groundwater source water to water (cooling mode)	<135,000 Btu/h	All	59°F entering water	16.3 EER	ISO-13256-2
Ground source Brine to water (cooling mode)	<135,000 Btu/h	All	77°F entering water	12.1 EER	ISO-13256-2
Water source water to water (heating mode)	<135,000 Btu/h (cooling capacity)	---	68°F entering water	3.7 COP	ISO-13256-2
Groundwater source water to water (heating mode)	<135,000 Btu/h (cooling capacity)	---	50°F entering water	3.1 COP	ISO-13256-2
Ground source brine to water (heating mode)	<135,000 Btu/h (cooling capacity)	---	32°F entering water	2.5 COP	ISO-13256-2

Remainder of table unchanged

Revise Table 6.8.1B as follows (SI)

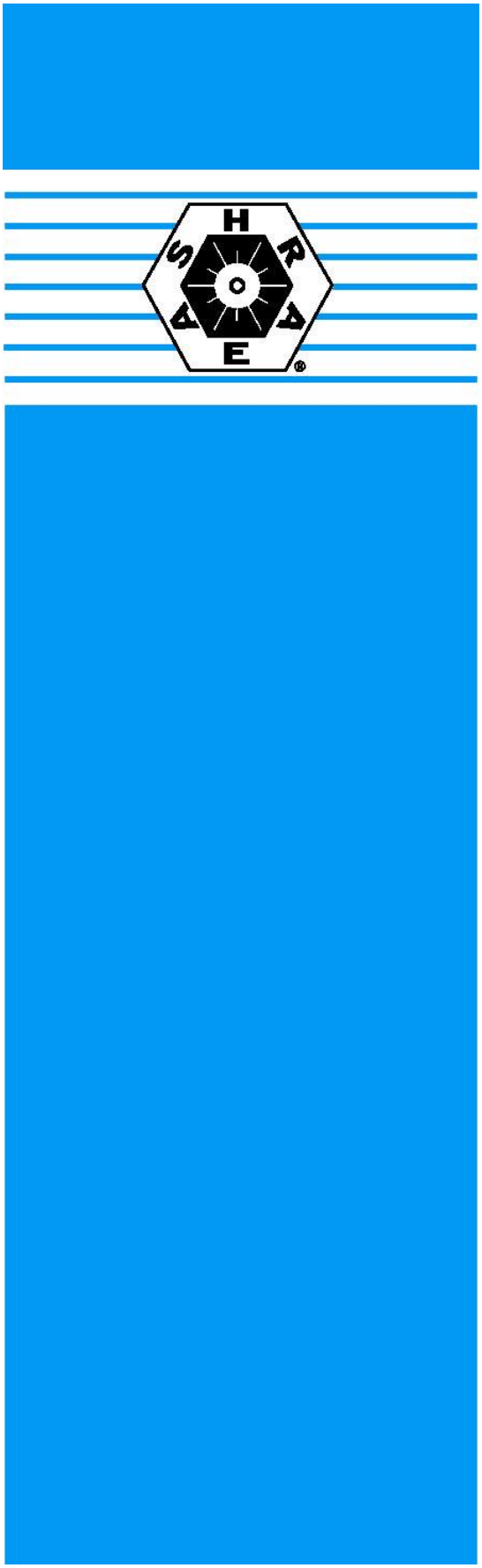
TABLE 6.8.1B Electrically Operated Unitary and Applied Heat Pumps—Minimum Efficiency Requirements *(continued)*

Equipment Type	Size Category	Heating Section Type	Subcategory or Rating Condition	Minimum Efficiency[a]	Test Procedure[b]
Water source water to water (cooling mode)	< 40 kW	All	30°C entering water	3.11 COP_C	ISO-13256-2
Groundwater source water to water (cooling mode)	< 40 kW	All	15°C entering water	4.78 COP_C	ISO-13256-2
Ground source Brine to water (cooling mode)	< 40 kW	All	25°C entering water	3.54 COP_C	ISO-13256-2
Water source water to water (heating mode)	< 40 kW (cooling capacity)	---	20°C entering water	3.7 COP_H	ISO-13256-2
Groundwater source water to water (heating mode)	< 40 kW (cooling capacity)	---	10°C entering water	3.1 COP_H	ISO-13256-2
Ground source brine to water (heating mode)	< 40 kW (cooling capacity)	---	0.0°C entering water	2.5 COP_H	ISO-13256-2

Remainder of table unchanged

Add the following reference to Chapter 12 under International Organization for Standardization

ISO 13256-2 (1998)	Water-Source Heat Pumps—Testing and Rating for Performance—Part 2: Water-to-Water and Brine-to-Water Heat Pumps



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

Public Review Draft

ASHRAE® Standard

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

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

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

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. dure, or design, and ASHRAE expressly disclaims such.

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

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

FOREWORD

HVAC system cooling supply air temperatures and peak airflow rates are generally selected to satisfy peak cooling loads. However, in most applications, for the majority of time, the load is well below peak conditions and a warmer supply air temperature can satisfy the cooling load. Multiple zone systems such as constant air volume reheat and variable air volume reheat systems often have some zones requiring cooling while others are in reheat. Those systems would save energy if the central supply air temperature is increased while still meeting the cooling needs of those zones requiring cooling. This proposed change would require multiple zone HVAC systems (that include simultaneous heating and cooling) to include controls that automatically raise the supply-air temperature when the spaces served are not at peak load conditions. The supply air reset can be controlled in response to either representative building loads or outdoor air temperature at the discretion of the designer. Elevating the supply air temperature will decrease both cooling and reheat energy and increase effectiveness of economizers since they will be used at higher ambient temperatures. This strategy will increase fan energy, but analysis has demonstrated that there is a net energy savings in the climate zones where this strategy would be required. The energy analysis indicates that the whole building energy savings for buildings affected by this requirement is between 2.5% and 3%.

Since humidity control can be an issue when supply air temperature is raised, this proposal allows the option of raising supply air temperature only during colder outdoor condition, which makes humidity control less of a problem. It also allows an override of the temperature reset if a maximum space humidity setpoint is exceeded. There is an exception from this requirement for warm and humid climate zones 1a, 2a, and 3a.

Zones that are expected to experience relatively constant loads (such as electronic equipment rooms and some core zones) are required to be designed to meet load at the fully reset temperature so that reset can occur, which will require increased airflow to those zones. Such sizing practice would result in increased installation cost. Analysis of this design strategy shows that the economics meets the Standard 90.1 Committees threshold for cost effectiveness.

Similar requirements are already in code in several states including New York, Oregon, California, Washington, and Massachusetts, and are included in the baseline building requirements of Chapter 11 (ECB) and Appendix G.

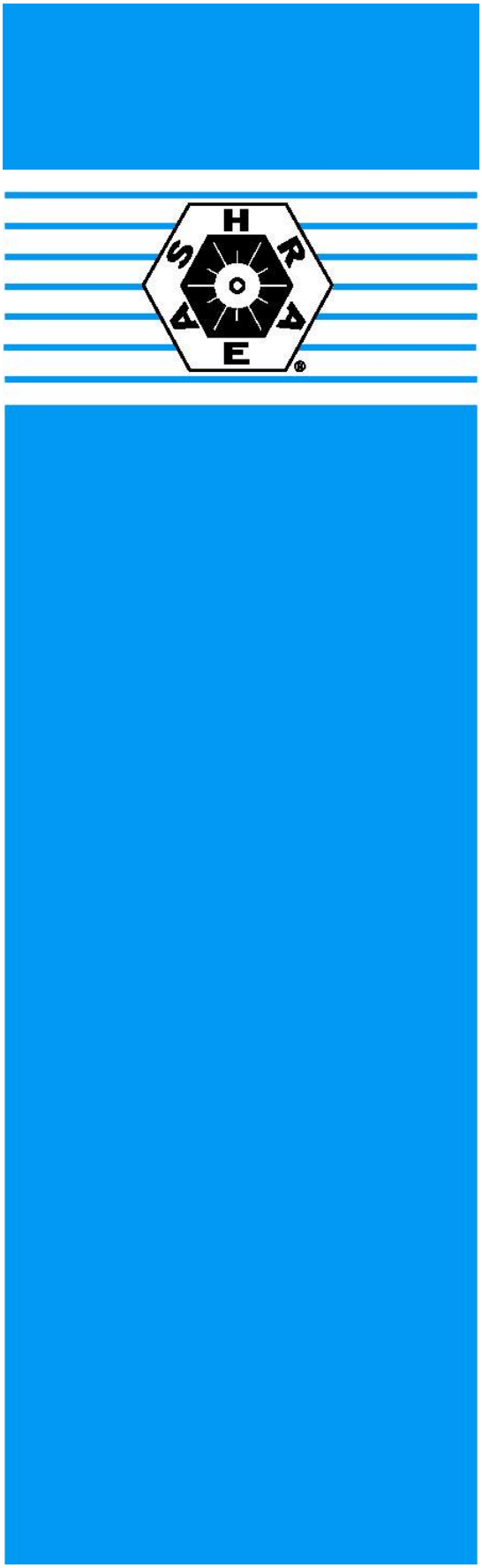
Note: In this addendum, changes to the current standard are indicated in the text by underlining (for additions) and ~~strikethrough~~ (for deletions) unless the instructions specifically mention some other means of indicating the changes. Only these changes are open for review and comment at this time.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

Addendum bh to 90.1-2007

Revise the Standard as follows (IP and SI units)

6.5.3.3 Supply-air temperature reset controls. Multiple zone HVAC systems must include controls that automatically reset the supply-air temperature in response to representative building loads, or to outdoor air temperature. The controls shall reset the supply air temperature at least 25 percent of the difference between the design supply-air temperature and the design room air temperature. Controls that adjust the reset based on zone humidity are allowed. *Zones* which are expected to experience relatively constant loads, such as electronic equipment rooms, shall be designed for the fully reset supply temperature.

Exceptions:
1. Climate zones 1a, 2a, and 3a
2. Systems that prevent re-heating, re-cooling, or mixing of heated and cooled supply air.
3. Systems in which at least 75 percent of the energy for reheating (on an annual basis) is from site recovered or site solar energy sources.



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

Public Review Draft

ASHRAE® Standard

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

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

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

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

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

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

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

FOREWORD

This addendum adds an exception within Appendix G that allows users to claim energy cost savings credit for the increased ventilation effectiveness of certain HVAC system designs. The best example is a displacement ventilation system. The use of the Standard 62.1 Ventilation Rate Procedure is required to claim this credit and the process for calculating the baseline ventilation rates is straightforward when using a software tool designed to perform these calculations. Historically Standard 90.1 has not allowed credit for reduced ventilation airflow rates and this proposal is a first step in allowing additional credit for high performance building systems that reduce ventilation intake airflow rates

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

Addendum bj to 90.1-2007 *Revise the Standard as follows (I-P units)*

Revise the Standard as follows (IP and S-I units)

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

Exceptions: ~~When modeling demand-control ventilation in the *proposed design* when its use is not required by Section 6.4.3.8.~~

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.

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.

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

Public Review Draft

ASHRAE® Standard

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

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

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

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

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

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

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

FOREWORD

The intent of this addendum is to coordinate terminology for visible transmittance with NFRC 200.

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

Addendum bm to 90.1-2007

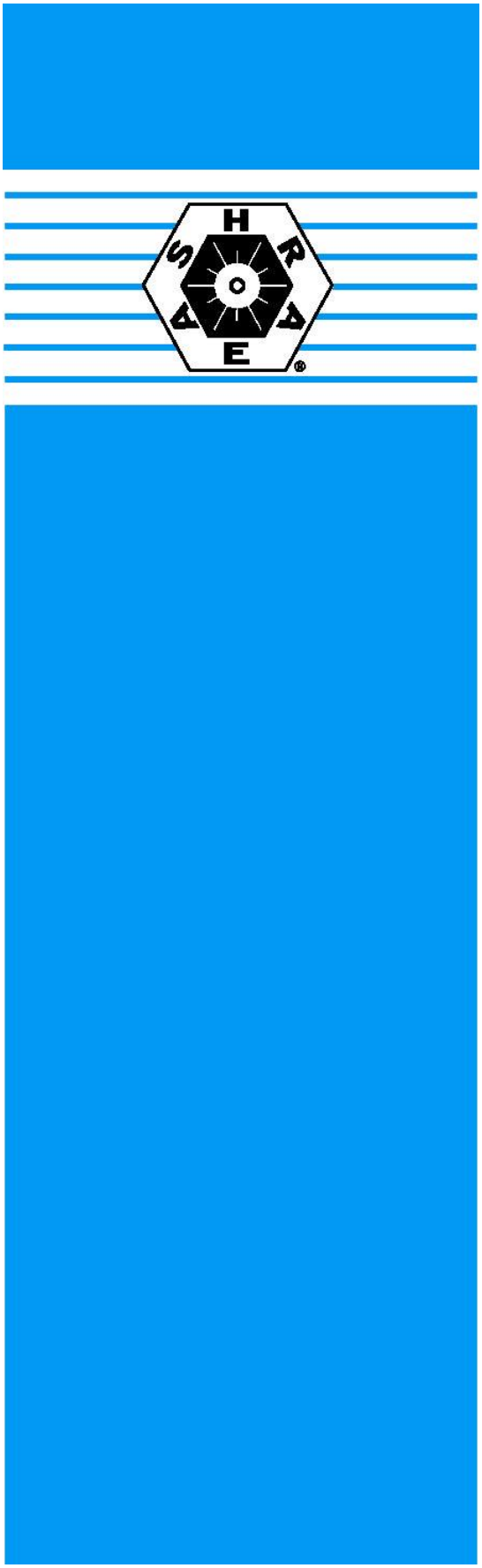
Revise Section 3.2 as follows (IP and SI Units)

Visible Transmittance, *VT*: The ratio of visible radiation entering the space through the fenestration product to the incident visible radiation, determined as the spectral transmittance of the total fenestration system, weighted by the photopic response of the eye and integrated into a single dimensionless value.

Revise Section 3.3 as follows (IP and SI Units)

~~**VLT**~~ **VT** visible ~~light~~ transmittance

Editorially revise all references from VLT to VT, all sections, all appendices (IP and SI Units)



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

Public Review Draft

ASHRAE® Standard

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

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

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

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

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

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

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

FOREWORD

This addendum limits poorly oriented fenestration. Compliance can be shown by having more south facing fenestration than west facing fenestration. For those buildings affected by this requirement, this reduces envelope loads, energy usage and thereby costs. This approach gives flexibility to building design teams to work with building siting and fenestration orientation as well as fenestration area to comply with the requirement. This addendum provides exceptions for retail glass and buildings potentially shaded from the south or west. Also, an exception is provided for certain additions and alterations.

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

Addendum bn to 90.1-2007

Add new section as follows (IP and SI Units)

5.5.4.5. Fenestration Orientation. The *vertical fenestration area* shall meet the following requirement:

$$A_S \geq A_W \text{ and } A_S \geq A_E$$

where:

A_s = south oriented *vertical fenestration area* (oriented less than 45 degrees of true south)
A_n = north oriented *vertical fenestration area* (oriented less than 45 degrees of true north)
A_w = west oriented *vertical fenestration area* (oriented less than or equal to 45 degrees of true west)
A_e = east oriented *vertical fenestration area* (oriented less than or equal to 45 degrees of true east)

In the southern hemisphere, replace A_s with A_n in the formulae above.

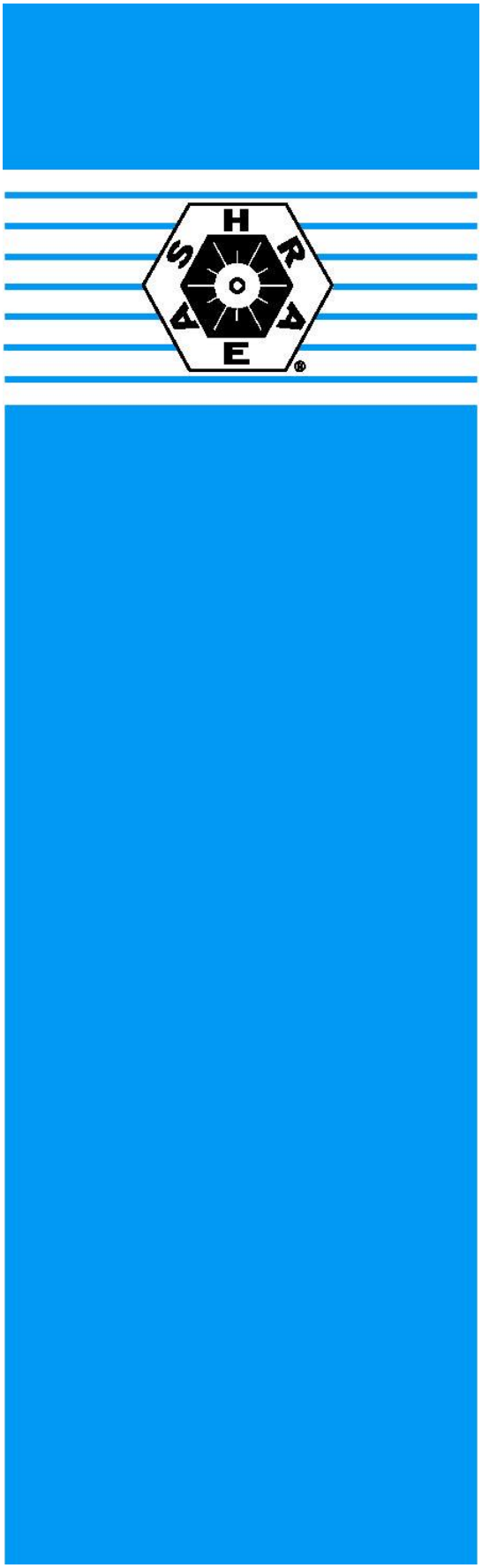
Exceptions to 5.5.4.5:

(a) *Vertical fenestration* that complies with the exception to 5.5.4.4.1 (c).

(b) Buildings that have an existing building or existing permanent infrastructure within 20 ft (6 m) to the south (north in the southern hemisphere) which is at least half as tall as the proposed building.

(c) Buildings with shade on 75% of the west and east façade from existing buildings, existing permanent infrastructure, or topography at 9 AM and 3 pm on the summer solstice (June 21 in the northern hemisphere).

(d) *Alterations* and *additions* with no increase in *vertical fenestration area*.



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

Public Review Draft

ASHRAE® Standard

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

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

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

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

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

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

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

FOREWORD

This change allows the use of control that provides automatic 50% auto on with the capability to manually activate the remaining 50% and has full auto-off. This type of control was excluded from use in the existing language and only full manual on was allowed. Recent provided test case data shows that this control can save approximately 6% more of the lighting that is required to be occupancy sensor controlled.

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

Addendum bp to 90.1-2007

Modify 9.4 as follows (IP and SI units)

9.4 Mandatory Provisions

9.4.1 Lighting Control. Building controls shall meet the provisions of 9.4.1.1, 9.4.1.2, 9.4.1.3, and 9.4.1.4.

Any *automatic control device* required in sections 9.4.1.1, 9.4.1.2, and 9.4.1.4 shall either be manual on or shall ~~not~~ be ~~set~~ controlled to automatically turn the lighting on to not more than 50% power, except in the following spaces where full automatic-on is allowed:

a. public corridors and stairwells,
b. restrooms,
c. primary building entrance areas and lobbies ,
d. areas where manual-on operation would endanger the safety or security of the room or building occupant(s).

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

Public Review Draft

ASHRAE® Standard

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

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

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

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

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

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

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

FOREWORD

The retail lighting models used by the 90.1 Lighting Subcommittee were modified to make use of more recent lamp technology that is readily available including high performance T8s and ceramic metal halides.
Analysis indicated that use of these technologies allowed for the lower values proposed here while still meeting IESNA recommended light levels.

For Retail type "a" the existing LPD was based on 100% fluorescent (94% of the footcandles) for the "general" and 100% Halogen IR (6% of the footcandles) for the "feature" display. For this CMP the fluorescent was increased to "high-performance T8", and the "feature" display was changed to 100% CMH.

For Retail type "b" the existing LPD was based on 100% Metal Halide (77% of the footcandles) for the "general" and 100% Halogen IR (23% of the footcandles) for the "feature" display. For this CMP the Metal Halide was changed to 80% "high-performance T8" + 20% CMH accent, and the "feature" display was changed to 100% CMH.

For Retail type "c" the existing LPD was based on 50% halogen IR and 50% CFL (85% of the footcandles) for the "general" and 100% Halogen IR (15% of the footcandles) for the "feature" display. For this CMP the Halogen IR was changed to CMH for the "general", and the "feature" display was changed to 40% Halogen IR and 60% CMH.

For Retail type "d" the existing LPD was based on 100% halogen IR (80% of the footcandles) for the "general" and 100% Halogen IR (20% of the footcandles) for the "feature" displays. For this CMP, it was calculated by providing 40% of the footcandles from Halogen IR and 60% from CMH for both the "general" and "feature" displays.

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

Addendum bq to 90.1-2007

Modify Section as follows (IP)

Additional Interior Lighting Power Allowance = 1000 watts
+ (Retail Area 1 × ~~1.0~~ 0.6 W/ft^2)
+ (Retail Area 2 × ~~1.7~~ 0.6 W/ft^2)
+ (Retail Area 3 × ~~2.6~~ 1.4 W/ft^2)
+ (Retail Area 4 × ~~4.2~~ 2.5 W/ft^2),

Modify Section as follows (SI)

Additional Interior Lighting Power Allowance = 1000 watts
+ (Retail Area 1 × ~~1.0~~ 6.5 W/m^2)
+ (Retail Area 2 × ~~1.7~~ 6.5 W/m^2)
+ (Retail Area 3 × ~~2.6~~ 15 W/m^2)
+ (Retail Area 4 × ~~4.2~~ 27 W/m^2),

BSR/UL 80

PROPOSAL

19 Tank Stability

19.1 The tank with intended supports ~~that exceed dimensional limits of the exception~~ shall be subjected to pushing and tilting without tip over after 1 minute. These tests shall be conducted in the most unfavorable condition with respect to tank and support geometry.

(UNCHANGED)
19.2 Pushing shall be simulated by applying a horizontal force of 50 lb (222 N) to the highest part of the empty tank. Tilting shall be simulated by placing the tank on a 15 degree incline plane, then filling to rated capacity with water.

Proposal for BSR/UL 514C, Standard for Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers

Topic: Revision To Paragraph 76.2 To Allow A Graduated Impact Force To Be Applied To A Sample During The Resistance To Impact Test, And A Corresponding Revision To Table 76.1

76.2 Each sample is to be placed with its open side down on a 1/2 inch (12.7 mm) thick, rigid, flat, steel plate and subjected to the impact of a 75 pound (34.02-kg) 6-inch (152-mm) diameter cylindrical steel weight free of sharp edges and having a flat impact surface. The weight is to be dropped vertically and is to be provided with guides so that the bottom of the weight will strike the center of the sample squarely. Table 76.1 specifies the distance through which the weight is to fall. for some boxes. Other sizes and types of boxes are to be tested in a similar manner with the impact weight and distance of fall selected to provide an equivalent impact force.

Table 76.1
Impact weight and distance

Type of box	Trade size of conduit sockets on box, Inches	Distance through which 75-pound (34.02-kg) weight falls, Feet	(m)[a]
Conduit body, flush-device box or outlet box	1/2, 3/4, 1	1	(0.30)
	1-1/4, 1-1/2	2	(0.61)
	2 – 4	4	(1.22)
~~Flush-device box or outlet box~~	~~All~~	~~4~~	~~(1.22)~~

[a] Measured from the bottom face of the weight to the top of the sample.

Proposals for BSR/UL 746C – June 19, 2009

1. Reference to Conformal Coatings Requirements

PROPOSAL

43A Conformal Coatings

43A.1 Conformal coatings used as a protective covering applied on a printed-wiring board used to increase the dielectric voltage-withstand capability between conductors, between conductors and accessible dead metal parts and/or to protect against environmental conditions shall be evaluated in accordance with the Standard for Polymeric Materials - Industrial Laminates, Filament Wound Tubing, Vulcanized Fibre, and Materials Used in Printed-Wiring Boards, UL 746E.

70A Conformal Coating Test

70A.1 The tests for conformal coatings are in the Standard for Polymeric Materials - Industrial Laminates, Filament Wound Tubing, Vulcanized Fibre, and Materials Used in Printed-Wiring Boards, UL 746E.

2. Offset Principle for Impact Testing

PROPOSAL

57.2.4 Tensile or flexural strength tests are to be conducted on specimens no thicker than the corresponding application. The results of Tensile, Charpy or Izod Impact testing of standard specimens in the nominal 4 mm thickness, can be considered representative of the testing of a reduced thickness ~~not less than 0.75 mm~~, provided the non-impact testing of the reduced thickness complies with the requirements of Table 25.1.

58.3 Tensile or flexural strength tests are to be conducted on specimens no thicker than the corresponding application. The results of Tensile, Charpy or Izod Impact testing of standard specimens in the nominal 4 mm thickness, can be considered representative of the testing of a reduced thickness ~~not less than 0.75 mm~~ provided the non-impact testing of the reduced thickness complies with the requirements of Table 25.1.

Proposals for BSR/UL 2335 Dated June 19, 2009

Proposals

1.1 This standard includes test methods and requirements to investigate ~~measures~~ the fire growth performance of pallets in idle ~~palletized~~ and commodity ~~rack~~ storage arrangements when protected by sprinkler systems installed in accordance with the Standard for the Installation of Sprinkler Systems, NFPA 13.

1.3 This standard does not ~~measure mechanical or structural properties of pallets~~ include test methods and requirements to investigate other performance characteristics such as:

a) Fire growth characteristics when pallets are not protected by sprinkler systems,

b) Risks associated with materials used in the pallet construction or the products of combustion, and

c) Physical strength characteristics of the pallets including those during a fire condition.

1.4 ~~This standard does not measure the hazards from the smoke generated.~~