ANSI STANDARDS ACTION

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Contents

American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

ISSN 0038-9633

Comment Deadline: April 19, 2009

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

Addenda

BSR/ASHRAE Addendum 34af-200x, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2007)

Adds new refrigerant 438A to Table 2 and Table D2.

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

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

BSR/ASHRAE Addendum 34ag-200x, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2007)

Changes the safety classification of R-403A from A1 to A2.

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

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

BSR/ASHRAE Addendum 62.1d-200x, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2007)

Completing the task of adding or modifying requirements for several occupancy categories in Tables 5-2, 6-1, and 6-2, this proposed ISC specifically addresses "hydraulic elevator machine rooms," identifying air from them as Class 2 air, but not requiring minimum outdoor airflow rates or minimum exhaust rates from them.

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

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

BSR/ASHRAE Addendum 62.1m-200x, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2007)

Removes ventilation requirements for healthcare spaces from the Standard since ventilation requirements for these types of spaces are covered in Standard 170-2008, "Ventilation of Health Care Facilities".

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

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

BSR/ASHRAE Addendum 62.1o-200x, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2007)

Moves the existing 6.2.8 and the corresponding Table 6-4 into a new Section 6.5, such that it applies to all spaces regardless of the method used to provide ventilation to the occupied spaces (Ventilation Rate Procedure, IAQ Procedure, Natural Ventilation).

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

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

BSR/ASHRAE Addendum 62.1s-200x, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2007)

Based on committee-member experience, "shipping/receiving" areas and "warehouses" require a minimum outdoor airflow rate per person as well as a minimum per unit area rate, and "coin-operated laundries" need a higher minimum outdoor airflow rate per unit area than previously published.

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

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

BSR/ASHRAE Addendum 62.2f-200x, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2007)

The existing Table 4.2 of Standard 62.2 does not provide sufficient resolution in defining ventilation effectiveness for the 24-hour cycle time and, as such, prevented energy-saving strategies like nighttime ventilation cooling by imposing an excessive penalty on systems that operate between 0.4 and 0.6 Fractional On-Time. The committee felt that a longer table in the standard was not warranted for these rare cases, but agreed to allow linear interpolation for Fractional On-Times within the table as that is conservative relative to the fundamental equations on which Table 4.2 is based.

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

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

BSR/ASHRAE Addendum 62.2h-200x, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2007)

Adds an additional specific requirement on the prevention of transfer air, which is only relevant to multifamily buildings. This standard includes an exception for the possibility of systems designed to supply ventilation air from the corridor, which may be allowed by code in some jurisdictions.

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

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BSR/ASHRAE Addendum 62.2i-200x, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2007)

Clarifies Section 6.1. The existing language is not appropriate if applying Standard 62.2 to existing buildings that have already been designed and constructed.

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

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

BSR/ASHRAE Addendum 161a-200x, Air Quality within Commercial Aircraft (addenda to ANSI/ASHRAE Standard 161-2007)

Adds a definition to clarify how the phrase "commercial aircraft" should be interpreted in ASHRAE Standard 161. This standard also adds the appropriate reference to the reference section of the standard. Standard 161 defines the requirements for air quality in air-carrier aircraft and specifies methods of measurement and testing for compliance with the standard.

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

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BSR/ASHRAE Addendum 161b-200x, Air Quality within Commercial Aircraft (addenda to ANSI/ASHRAE Standard 161-2007)

Removes the prefix "ortho" from the term "ortho-TCP" in all places (two) where it occurs in ASHRAE Standard 161. There are multiple isomers of Trichloropropane, and it is the intention of the standard to cover all of them, not just the ortho-TCP isomer. Standard 161 defines the requirements for air quality in air-carrier aircraft and specifies methods of measurement and testing for compliance with 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: Online Comment Database at http://www.ashrae.org/technology/page/331

BSR/ASHRAE/IESNA Addendum 90.1ai-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

Clarifies how distribution pump energy is to be addressed when using purchased heat or purchased chilled water.

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

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BSR/ASHRAE/IESNA Addendum 90.1av-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

Modifies the requirements of section 9.1.2, Lighting Alterations, and replaces the previous public review draft of addendum 'av' in its entirety.

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

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BSR/ASHRAE/IESNA Addendum 90.1ay-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

Specifies the application of space LPDs based on spaces surrounded by ceiling height partitions or walls only. This change more correctly requires users to identify spaces by function and is consistent with a previous interpretation. It is expected that the net energy result will be positive.

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

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BSR/ASHRAE/IESNA Addendum 90.1az-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

Provides requirements for functional testing of lighting controls, which must be functionally tested to ensure their proper use and appropriate energy savings.

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

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http://www.ashrae.org/technology/page/331

BSR/ASHRAE/IESNA Addendum 90.1ba-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

Allows a system performance option that allows compensating for the insulating value of the piping while maintaining the same net thermal requirements

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

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BSR/ASHRAE/IESNA Addendum 90.1bc-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

Clarifies that the requirements in Section 5.5.4.2.3 are also specified for unconditioned spaces.

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

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http://www.ashrae.org/technology/page/331

BSR/ASHRAE/IESNA Addendum 90.1bd-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

Removes emergency circuits not used for normal building operation from the requirements, which will lead to increased compliance

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

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NSF (NSF International)

Revisions

BSR/NSF 50-200x (i59/i60), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2008)

Issue 59 - Corrects reference to ASTM 112.19.8 and adds requirements from Section 3 Materials to Section 4.
Issue 60 - This issue updates 4.1.5 to include the cyclic pressure testing requirements.

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

Send comments (with copy to BSR) to: Mindy Costello, (734) 827-6819, mcostello@nsf.org

BSR/NSF 173-200x, NSF International Standard for Dietary Supplements (revision of ANSI/NSF 173-2008)

Revises section 6.2.5 "Quality assurance for quantitative test methods". Based on the balloting and comments received with the first draft, the language was revised and is now proposed for re-balloting.

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

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

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 586-200x, Standard for Safety for High-Efficiency, Particulate, Air Filter Units (revision of ANSI/UL 586-2004 (R2008))

The following is being proposed: Revising the requirement regarding testing facility location.

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

Send comments (with copy to BSR) to: Jeffrey Prusko, (847) 664-3416, jeffrey.prusko@us.ul.com

BSR/UL 1996-200x, Standard for Safety for Electric Duct Heaters (revision of ANSI/UL 1996-2006)

The following is being proposed: Adding exceptions that allow the UL 60730 series of standards as an alternative to UL 873 and UL 353.

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

Send comments (with copy to BSR) to: Jeffrey Prusko, (847) 664-3416, jeffrey.prusko@us.ul.com

Comment Deadline: May 4, 2009

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoptions

BSR/AAMI/ISO 8637-200x, Cardiovascular implants and artificial organs - Haemodialysers, haemodiafilters, haemofilters and haemoconcentrators (identical national adoption and revision of ANSI/AAMI RD16-2007)

Specifies requirements for haemodialysers, haemodiafilters, haemofilters, and haemoconcentrators for use in humans.

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

Obtain an electronic copy from: www.aami.org

Order from: AAMI Publications; (phone) 1-877-249-8226; (fax) 1-301-206-9789

Send comments (with copy to BSR) to: Cliff Bernier, (703) 525-4890 x229, CBernier@aami.org

BSR/AAMI/ISO 8638-200x, Cardiovascular implants and artificial organs - Extracorporeal blood circuit for haemodialysers, haemodiafilters and haemofilters (identical national adoption and revision of ANSI/AAMI RD17-2007)

Specifies requirements for the single-use extracorporeal blood circuit and (integral and non-integral) transducer protectors that are intended for use in haemodialysis, haemodiafiltration, and haemofiltration.

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

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AISC (American Institute of Steel Construction)

Revisions

BSR/AISC 360-200x, Specification for Structural Steel Buildings (revision of ANSI/AISC 360-2005)

Provides criteria for the design, fabrication, and erection of structural steel buildings and other structures, where other structures are defined as those structures designed, fabricated, and erected in a manner similar to buildings, with building-like vertical and lateral load-resisting elements.

Single copy price: $12.00

Obtain an electronic copy from: www.aisc.org

Order from: Janet Cummins, (312) 670-5410, cummins@aisc.org

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

API (American Petroleum Institute)

Addenda

BSR/API Spec 13A/ISO 13500-200x, Specification for Drilling Fluid Materials (addenda to ANSI/API Spec 13A/ISO 13500-2008)

Provides an addendum to the new edition of API Spec 13A, to include Barite 4.10.

Single copy price: $25.00

Order from: Shail Ghaey, (202) 682-8056, ghaeys@api.org

Send comments (with copy to BSR) to: Same

ASA (ASC S1) (Acoustical Society of America)

Revisions

BSR/ASA S1.18-200x, Method for Determining Ground Impedance (revision of ANSI S1.18-1999 (R2004))

Describes procedures for obtaining ground impedance from in-situ measurements of sound pressure spectra based on measurements of the magnitude and phase of the spectra of the difference in sound pressures measured by two vertically separated microphones using specified geometries. This standard extends and revises the template method in ANSI S1.18-1999 to enable the user to obtain impedance spectra that result entirely from measurements and are independent of any model for ground impedance.

Single copy price: $130.00

Obtain an electronic copy from: asastds@aip.org

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

Send comments (with copy to BSR) to: Same

ASC X9 (Accredited Standards Committee X9, Incorporated)

New National Adoptions

BSR X9.106-200x, Retail financial services - Merchant category codes (identical national adoption and revision of ANSI X9.106-2003/ISO 18245)

Defines code values used to enable the classification of merchants into specific categories based on the type of business, trade or services supplied. Values are specified only for those merchant categories that are generally expected to originate retail financial transactions.

Single copy price: $80.00

Obtain an electronic copy from: www.x9.org

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

Send comments (with copy to BSR) to: Same

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

New Standards

BSR/ASHRAE Standard 190P-200x, Method of Testing for Rating Indoor Pool Dehumidifiers for Moisture-Removal Capacity and Efficiency (new standard)

Specifies a method of test for rating indoor pool dehumidifiers for moisture-removal capacity and efficiency. This standard is intended to be used with ARI 910-2006, the rating standard for indoor pool heaters. Although the testing method in proposed Standard 190 is based substantially on the material in Appendix C of ARI 910, it clarifies the procedures and requirements to make them easier to follow.

Single copy price: $35.00

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Revisions

BSR/ASHRAE Standard 24-200x, Methods of Testing for Rating Liquid Coolers (revision of ANSI/ASHRAE Standard 24-2000 (R2005))

Prescribes methods of testing for rating liquid coolers. This standard clasifies liquid coolers as to type, lists and defines the terms suggested for rating liquid coolers and establishes methods of test that shall be used as a basis for obtaining ratings of liquid coolers.

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BSR/ASHRAE Standard 37-200x, Method of Testing for Room Air Diffusion (revision of ANSI/ASHRAE Standard 37-2005)

Provides test methods for determining the cooling capacity of unitary air-conditioning equipment and the cooling or heating capacities, or both, of unitary heat pump equipment. These test methods do not specify methods of establishing ratings that involve factors such as manufacturing tolerances and quality control procedures.

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BSR/ASHRAE Standard 113-200x, Method of Testing for Room Air Diffusion (revision of ANSI/ASHRAE Standard 113-2005)

Defines a repeatable method of testing the steady-state air diffusion performance of an air distribution system in occupied zones of building spaces. This method is based on air velocity and air temperature distributions at specified heating or cooling loads and operating conditions.

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Reaffirmations

BSR/ASHRAE Standard 16-1983 (R200x), Method of Testing for Rating Room Air Conditioners and Packaged Terminal Air Conditioners (reaffirmation of ANSI/ASHRAE Standard 16-1983 (R1999))

Prescribes a method of testing for obtaining cooling capacity and airflow quantity for rating room air conditioners and packaged terminal air conditioners.

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BSR/ASHRAE Standard 58-1986 (R200x), Method of Testing for Rating Room Air Conditioner and Packaged Terminal Air Conditioner Heating Capacity (reaffirmation of ANSI/ASHRAE Standard 58-1986 (R1999))

Prescribes test methods for determining the heating capacities and airflow quantities for room air conditioners and pacakged terminal air conditioners equipped with means for room heating.

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Addenda

BSR/ASHRAE Addendum 15f -200x, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2007)

Allows R744 as a secondary coolant or refrigerant in certain situations, permitting limited releases to the atmosphere during unusual events, such as an extended power failure with coincident heat gains that raise system pressures. Carbon dioxide (R744) is often used in the low-temp side of cascade systems. Due to the pressure-temperature relationship of R744, it would be cost prohibitive and unnecessary to meet all the design pressure requirements of Section 9.2 for refrigeration systems using R744, since the required standby pressures for R744 are much higher than those experienced during normal operation.

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BSR/ASHRAE Addendum 15i -200x, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2007)

Allows the use of small amounts of flammable refrigerants in small portable cooling appliances and/or self-contained refrigeration systems without approval by the authority having jurisdiction through an exception to Section 7.5.3. This change follows an increasing global trend for safety standards to permit the use of small amounts of flammable refrigerants when product testing for safety is conducted by a recognized and approved testing laboratory or inspection agency and the listed product status with such organizations is maintained.

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BSR/ASHRAE Addendum 62.1g-200x, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2007)

Reviews changes made to the proposed addendum in response to comments submitted by reviewers during the second public review. This proposal includes changes as follows.
(1) Removes text indicating situations where DCV may be most beneficial or most commonly applied. The committee prefers to leave the applicability of this optional control strategy to the system designer; and
(2) Removes a mandatory requirement for outdoor air intake flow sensing, since it is not necessary to measure intake airflow in all cases where DCV is implemented.

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BSR/ASHRAE Addendum 62.1l-200x, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2007)

This proposed addendum modifies Informative Appendix D as follows:
(1) Improves variable-name consistency with body of the standard and Appendix A;
(2) Deletes one figure, replacing it with two improved figures; and
(3) Deletes “proportional” systems from Table D-1, since VAV systems with fixed-position outdoor air dampers are unlikely to meet the requirements of the standard and should be discouraged.

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BSR/ASHRAE Addendum 62.1n-200x, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2007)

Modifies Section 5.1 and 6.0 to relocate Natural Ventilation requirements into Section 6, to add prescriptive requirements for naturally ventilated systems, and to require both passive and mechanical ventilation (mixed-mode or hybrid) ventilation for most buildings in most climates.

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BSR/ASHRAE Addendum 62.1p-200x, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2007)

Addresses separation distance requirements between outdoor air intakes and other openings in buildings with respect to sources of contaminants and exhaust locations. To reduce the need for interpretation and judgment, building exhaust and relief airstreams are characterized using the Classes of Air already defined in the Standard rather than simple descriptions of the air quality.

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BSR/ASHRAE Addendum 62.1q-200x, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2007)

Designers who choose to use the IAQ Procedure must identify contaminants of concern. Table B-3 lists some volatile organic compounds which designers might want to consider as possible contaminants of concern. Also, the impact of mixtures of some contaminants on humans may be considered to be “additive” (this is a basic assumption in the Ventilation Rate Procedure). To encourage designers to consider “additivity” when applying the IAQ Procedure, some guidance from the ACGIH has been included in the informative text.

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BSR/ASHRAE Addendum 62.1r-200x, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2007)

Modifies the IAQ procedure description in Section 6.1 and its requirements in Section 6.3. This standard addresses compliance issues that may result from unclear wording or phrasing, requires a mass balance analysis, and requires a subjective analysis after construction. It eliminates compliance using “design approaches that have proved successful in similar buildings.”

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BSR/ASHRAE Addendum 62.2g-200x, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2007)

ASHRAE Guideline 24 was published in 2008 and is a companion document to ANSI/ASHRAE Standard 62.2. The new guideline provides information on achieving good IAQ that goes beyond the minimum requirements contained in 62.2 by providing explanatory and educational material not included in the standard. The Guideline's Chapters 10 and 13 include updated versions of the existing content of Appendices A and B of Standard 62.2 and this information will be maintained in Guideline 24 in the future. Therefore, this proposed change will remove those unneeded appendices from Standard 62.2 in their entirety to avoid duplication and potential conflicts.

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BSR/ASHRAE Addenda 135.1d-200x, Method of Test for Conformance to BACnet (addenda to ANSI/ASHRAE Standard 135.1-2007)

- Omits certain tests when Averaging and Command properties are fixed or not present;
- Accommodates Group objects whose members list is not changeable;
- Revises Alarm Acknowledgement tests;
- Adds new Alarm Acknowledgement "offnormal" tests;
- Labels conditionally writable properties in the EPICS; and
- Adds new object types.

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Order from: Beverly Fulks; standards.section@ashrae.org

Send comments (with copy to BSR) to: public.review.comment@ashrae.org

BSR/ASHRAE Addenda 135.1e-200x, Method of Test for Conformance to BACnet (addenda to ANSI/ASHRAE Standard 135.1-2007)

Revises the current BBMD BACnet/IP tests to be more compatible with the two-hop method of distribution for broadcasts over the Internet. Among other improvements, inconsistencies, errors, and omissions are fixed by this addendum.

Single copy price: $35.00

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

Order from: Beverly Fulks; standards.section@ashrae.org

Send comments (with copy to BSR) to: public.review.comment@ashrae.org

BSR/ASHRAE Addendum 135k-200x, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2008)

Adds support for UTF-8. Due to the historic use of ANSI X3.4 in many controllers, there is an expectation that, for many years to come, BACnet installations will have to be able to deal with multiple character sets (ANSI X3.4 and UTF-8). This change is intended to extend character set 0 to include all UTF-8 characters. The addendum also updates the standard to reflect the fact that the Japanese Industrial Standards Committee has changed the name of “JIS C 6226” to “JIS X 0208”.

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 Addendum 135l-200x, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2008)

Adds new workstation BIBBs and profiles. The original B-OWS profile was deemed insufficient for specifying the minimum capabilities of a basic operator workstation, so additional BIBBs are required. This addendum also adds new profiles for other kinds of workstations.

Single copy price: Free

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

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

BSR/ASHRAE Addendum 135i-200x, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2008)

Defines a new Lighting Output Object type, adds support for breaker-tripped status to Analog and Binary Output objects, and adds warning-blink support to Binary Output and Binary Value objects.

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 Addendum 135n-200x, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2008)

Adds support for long Backup and Restore preparation times. In larger devices, preparations to perform Clause 19.1 Backup and Restore operations can take a considerable amount of time, much greater than (say) typical APDU_Timeout values. A mechanism for supporting such devices is proposed.

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: public.review.comment@ashrae.org

BSR/ASHRAE Addendum 135g-200x, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2004)

This is the fourth public review draft of proposed Addendum g, which updates BACnet Network Security. The existing BACnet Network Security architecture defined in clause 24 of Standard 135-2008 is based on the 56-bit DES cryptographic standard and needs to be updated to meet the needs of today's networks.

Single copy price: $45.00

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: http://www.ashrae.org/technology/page/331

BSR/ASHRAE Addendum 135t-200x, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2008)

Adds a new Global Group object type. There is a need for a standard object type similar to the Group object type, except that it can provide a collection of information from objects in a number of BACnet devices and can also deliver that information in an insrinsic event notification when any of the group member objects enters an non-NORMAL state.

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: public.review.comment@ashrae.org

BSR/ASHRAE Addendum 135h-200x, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2008)

This fourth public review proposes independent substantive changes to Addendum h. This draft removes all changes made in Section 7 of this addendum in the first public review draft. The effect of this draft is to remove the addition of UTF-8 (Unicode Transfer Format 8) from the addendum. After this public review, the project committee hopes to be able to publish Addendum h with the miscellaneous changes to the standard defined in the first public review draft (except those in Section 7) as modified by the second and third public review drafts. Support for UTF-8 is now addressed in Addendum k.

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 Addendum 135p-200x, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2008)

Adds a new Global Group object type. There is a need for a standard object type similar to the Group object type except that it can provide a collection of information from objects in a number of BACnet devices and can also deliver that information in an insrinsic event notification when any of the group member objects enters an non-NORMAL state.

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: public.review.comment@ashrae.org

BSR/ASHRAE Addendum 135u-200x, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2008)

- Clarifies the use of RejectPDUs;
- Adds an error code UNSUPPORTED_OBJECT_TYPE for the CreateObject service;
- Adds new abort and error codes; and
- Specifies proper errors when attempting access to the Log_Buffer property.

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: public.review.comment@ashrae.org

BSR/ASHRAE Addendum 135v-200x, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2008)

- Fixes a problem in the MS/TP TokenCount value;
- Clarifies the word “supported” in Protocol_Services_Supported and Prortocol_Objects_Supported; and
- Removes NM-CE-A from device profiles.

Single copy price: $35.00

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

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BSR/ASHRAE Addendum 135w-200x, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2008)

The proposed addendum adds more primitive value objects and adds time references for scheduling.

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: public.review.comment@ashrae.org

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

Changes the design temperature range for newborn intensive-care spaces to be the same as for newborn nursery suites because their health care requirements are similar. This standard also clarifies one of the space-function descriptions and two of the notes in Table 7-1 to match the intention of these descriptions and notes.

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 Addendum 90.1ax-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

Modifies the requirements for kitchen exhaust.

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 Addendum 90.1bb-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

Updates the building envelope requirements for opaque elements and fenestration in Standard 90.1-2007. There are also text and appendix changes that relate to the prescriptive criteria tables.

Single copy price: $35.00

Order from: standards.section@ashrae.org

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

BSR/ASHRAE/IESNA Addendum 90.1r-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA 90.1-2007)

Removes the use of a Conservative Engineering Factor to reduce the savings when using the exceptional calculation method. In addition, this standard removes requirements to compare the method used with other simulation programs that might be able to simulate the item directly.

Single copy price: $35.00

Order from: standards.section@ashrae.org

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

ASME (American Society of Mechanical Engineers)

Revisions

BSR/ASME B30.3-200x, Tower Cranes (revision of ANSI/ASME B30.3-2004)

B30.3 applies to construction tower cranes and permanently mounted tower cranes, powered by electric motors or internal combustion engines, and any variations thereof that retain the same fundamental characteristics. The scope includes cranes of the above types that adjust operating radius by means of a boom (jib) luffing mechanism, or by means of a trolley traversing a horizontal boom (jib), or by means of a combination of the two.

Single copy price: Free

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

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

Send comments (with copy to BSR) to: Kathryn Hyam, (212) 591-8521, hyamk@asme.org

ASTM (ASTM International)

The URL to search for scopes of ASTM standards is: http://www.astm.org/dsearch.htm
For reaffirmations and withdrawals, order from: Customer Service, ANSI
For new standards and revisions, order from: Corice Leonard, ASTM; cleonard@astm.org
For all ASTM standards, send comments (with copy to BSR) to: Corice Leonard, ASTM; cleonard@astm.org

New Standards

BSR/ASTM WK18866 F1640-200x, Standard Guide for Packaging Materials for Foods to Be Irradiated (new standard)

http://www.astm.org/DATABASE.CART/WORKITEMS/WK18866.htm

Single copy price: $36.00

BSR/ASTM WK18867 F1736-200x, Guide for Irradiation of Finfish and Aquatic Invertebrates Used as Food to Control Pathogens and Spoilage Microorganisms (new standard)

http://www.astm.org/DATABASE.CART/WORKITEMS/WK18867.htm

Single copy price: $36.00

BSR/ASTM WK611 F2335-200x, Guide for Signage for Sports Facilities (new standard)

http://www.astm.org/DATABASE.CART/WORKITEMS/WK611.htm

Single copy price: Free

ATIS (Alliance for Telecommunications Industry Solutions)

New Standards

BSR ATIS 0100024-200x, User-Network Interface (UNI) Media Plane Security Standard for Evolving VoIP/Multimedia Networks (new standard)

Contains a set of security guidelines and requirements for media (User) Plane Security in Next Generation Networks.

Single copy price: $130.00

Obtain an electronic copy from: kconn@atis.org

Order from: Kerrianne Conn, (202) 434-8841, kconn@atis.org

Send comments (with copy to BSR) to: Same

Reaffirmations

BSR T1.522-2000 (R200x), Quality of Service for Business Multimedia Conferencing (reaffirmation of ANSI T1.522-2000 (R2004))

Specifies classes of Quality of Service (QOS) sufficient to support Business Multimedia Conferencing on Internet Protocol (IP) networks, defined as equivalent to legacy conference system performance. This standard also specifies the threshold of perceptible impairment for some user interface parameters. This standard applies to communications between a subset of multimedia end-points, namely Video Teleconference room systems and Desktop systems.

Single copy price: $100.00

Obtain an electronic copy from: kconn@atis.org

Order from: Kerrianne Conn, (202) 434-8841, kconn@atis.org

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FM (FM Approvals)

New Standards

BSR/FM 3209-200x, Test Protocol Used on Heat Detectors to Determine a Response Time Index (RTI) (new standard)

Establishes a uniform means to determine the response time index (RTI) of heat detectors used in Fire Alarm Signaling Systems via small-scale plunge tunnel testing. Current testing of heat detectors does not provide this valuable life-safety measurement.

Single copy price: Free

Obtain an electronic copy from: josephine.mahnken@fmapprovals.com

Order from: Josephine Mahnken, (781) 255-4813, josephine.mahnken@fmglobal.com

Send comments (with copy to BSR) to: Same

BSR/FM 4473-200x, Impact Resistance Testing of Roofing Materials by Impacting with Freezer Ice Balls (new standard)

Provides a procedure for determining the impact-resistance performance of roofing materials. The test uses the impact forces of freezer ice balls propelled to develop free-fall kinetic energies of the same size hail.

Single copy price: Free

Obtain an electronic copy from: josephine.mahnken@fmapprovals.com

Order from: Josephine Mahnken, (781) 255-4813, josephine.mahnken@fmglobal.com

Send comments (with copy to BSR) to: Same

HPS (ASC N43) (Health Physics Society)

Reaffirmations

BSR N43.2-2001 (R200x), Radiation Safety for X-ray Diffraction and Fluorescence Analysis Equipment (reaffirmation of ANSI N43.2-2001)

Provides guidelines specific to the radiation safety aspects of the design and operation of x-ray diffraction and fluorescence analysis equipment. This standard does not include electrical safety guidelines or other safety considerations outside the realm of radiation safety.

Single copy price: $50.00

Obtain an electronic copy from: njohnson@burkinc.com

Order from: Nancy Johnson, (703) 790-1745, njohnson@burkinc.com

Send comments (with copy to BSR) to: Same

BSR N43.10-2001 (R200x), Safe Design and Use of Panoramic, Wet Source Storage Gamma Irradiators (Category IV) and Dry Source Storage Gamma Irradiators (Category II) (reaffirmation of ANSI N43.10-2001)

Applies to panoramic, wet-source storage gamma irradiators (Category IV) and dry-source storage gamma irradiators (Category II) that contain sealed gamma emitting sources for the irradiation of objects or materials. This standard establishes the criteria to be used in the proper design, fabrication, installation, use, and maintenance of these irradiators that will ensure a heigh degree of radiation safety.

Single copy price: $50.00

Obtain an electronic copy from: njohnson@burkinc.com

Order from: Nancy Johnson, (703) 790-1745, njohnson@burkinc.com

Send comments (with copy to BSR) to: Same

BSR N43.15-2001 (R200x), Safe Design and Use of Self-Contained Wet Source Storage Gamma Irradiators (Category III) (reaffirmation of ANSI N43.15-2001)

Applies to self-contained, wet-source storage irradiators (Category III) that contain sealed gamma emitting sources for the irradiation of objects or materials. The standard establishes the criteria to be used in the proper design, fabrication, installation, use, and maintenance of these irradiators that will ensure a high-degree of radiation safety at all times.

Single copy price: $50.00

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ISA (ISA)

Revisions

BSR/ISA 60079-18 (12.23.01)-200x, Electrical Apparatus for Use in Class I, Zone 1 Hazardous (Classified) Locations: Type of Protection - Encapsulation “m" (revision of ANSI/ISA-60079-18 (12.23.01)-2005)

Gives the specific requirements for the construction, testing, and marking of electrical apparatus, parts of electrical apparatus and Ex components with the type of protection encapsulation "m".

Single copy price: $143.00

Obtain an electronic copy from: ebeattie@isa.org

Order from: Eliana Beattie, (919) 990-9228, ebeattie@isa.org

Send comments (with copy to BSR) to: Same

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

Withdrawals

ANSI INCITS 230-1994 (R2004), Information technology - Fibre Channel - Physical and Signaling Interface (FC-PH) (withdrawal of ANSI INCITS 230-1994 (R2004))

Describes the physical and signalling interface of a high-performance serial link for support of the Upper Level Protocols (ULPs) associated with HIPPI, IPI, SCSI, IP, and others.

Single copy price: $30.00

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

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

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

ANSI INCITS 230-1994/AM2-1999 (R2004), Information technology - Fibre Channel - Physical and Signaling Interface (FC-PH) - Amendment 2 (withdrawal of ANSI INCITS 230-1994/AM2-1999 (R2004))

Develops an additional amendment to American National Standard for Information Technology - Fibre Channel - Physical and Signaling Interface (FC-PH), ANSI X3.230-1994, that includes further clarification regarding the Bit Error Rate definition and corrects a small number of additional errors and inconsistencies.

Single copy price: $30.00

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

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

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

NSF (NSF International)

Revisions

BSR/NSF 42-200x (i65), Drinking Water Treatment Units - Aesthetic effects (revision of ANSI/NSF 42-2008)

Issue 65 - Revises the procedure for extraction testing with and without media.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/ballots.php

Order from: Lorna Badman, (734) 827-6806, badman@nsf.org

Send comments (with copy to BSR) to: Same

BSR/NSF 42-200x (i66), Drinking Water Treatment Units - Aesthetic effects (revision of ANSI/NSF 42-2008)

Issue 66 - Revises the procedure for collection of effluent samples when conducting mechanical reduction tests.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/ballots.php

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BSR/NSF 44-200x (i31), Residential cation exchange water softners (revision of ANSI/NSF 44-2007)

Issue 31 - Revises the procedure for extraction testing with and without media.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/ballots.php

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BSR/NSF 50-200x (i47), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2008)

Issue 47 - Updates Section 7 to eliminate “Multiport” and include cyclic and burst pressure testing.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/ballot.php?id=726

Order from: Mindy Costello, (734) 827-6819, mcostello@nsf.org

Send comments (with copy to BSR) to: Same

BSR/NSF 50-200x (i57), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2008)

Issue 57 - Includes an energy consumption and sound testing procedure as a mandatory test to section 6 (centrifugal pumps).

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/ballot.php?id=734

Order from: Mindy Costello, (734) 827-6819, mcostello@nsf.org

Send comments (with copy to BSR) to: Same

BSR/NSF 53-200x (i73), Drinking Water Treatment Units - Health effects (revision of ANSI/NSF 53-2008)

Issue 73 - Revises the procedure for extraction testing with and without media.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/ballots.php

Order from: Lorna Badman, (734) 827-6806, badman@nsf.org

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BSR/NSF 53-200x (i74), Drinking Water Treatment Units - Health effects (revision of ANSI/NSF 53-2008)

Issue 74 - Revises the procedure for collection of effluent samples when conducting mechanical reduction tests.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/ballots.php

Order from: Lorna Badman, (734) 827-6806, badman@nsf.org

Send comments (with copy to BSR) to: Same

BSR/NSF 53-200x (i75), Drinking Water Treatment Units - Health effects (revision of ANSI/NSF 53-2008)

Issue 75 - Clarifies the PID requirements.

Single copy price: Free

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Order from: Lorna Badman, (734) 827-6806, badman@nsf.org

Send comments (with copy to BSR) to: Same

BSR/NSF 55-200x (i31), Ultraviolet microbiological water treatment systems (revision of ANSI/NSF 55-2007)

Issue 31 - Revises the procedure for extraction testing with and without media.

Single copy price: Free

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Order from: Lorna Badman, (734) 827-6806, badman@nsf.org

Send comments (with copy to BSR) to: Same

BSR/NSF 58-200x (i55), Reverse osmosis drinking water treatment systems (revision of ANSI/NSF 58-2007)

Issue 55 - Revises the procedure for extraction testing with and without media.

Single copy price: Free

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BSR/NSF 62-200x (i20), Drinking water distillation system (revision of ANSI/NSF 62-2007)

Issue 20 - Revises the procedure for extraction testing with and without media.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/ballots.php

Order from: Lorna Badman, (734) 827-6806, badman@nsf.org

Send comments (with copy to BSR) to: Same

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 827-200x, Standard for Central-Station Alarm Services (revision of ANSI/UL 827-2008)

Proposes a modification to permit "Monitoring System Locations".

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: Megan Cahill, (847) 664-3411, Megan.M.Cahill@us.ul.com

BSR/UL 1123-200x, Standard for Safety for Marine Buoyant Devices (revision of ANSI/UL 1123-2008)

Withdraws the following UL 1123 Proposals:
- Add requirements for pocket for infant and child devices;
- Revise self-righting requirements; and
- Eliminate mandatory pocket loading test.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

BSR/UL 1310-200x, Standard for Safety for Class 2 Power Units (revision of ANSI/UL 1310-2008)

The following topic for the Standard for Class 2 Power Units, UL 1310 is being recirculated:
(4) Revision of 39.2 to simplify output loading requirements.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Valara Davis, (919) 549-0921, Valara.Davis@us.ul.com

Comment Deadline: May 19, 2009

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

UL (Underwriters Laboratories, Inc.)

New National Adoptions

BSR/UL 62275-200x, Standard for Safety for Cable Management Systems - Cable Ties for Electrical Installations (Proposal dated 3-20-09) (national adoption with modifications of IEC 62275)

Adopts the proposed first edition of UL 62275, Cable management systems - Cable ties for electrical installations, which is a trinational IEC adoption.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Jonette Herman,UL-RTP, Jonette.A.Herman@us.ul.com

Corrections

Approval Rescinded

ANSI/AIAA S-081A-2006, Space Systems - Composite Overwrapped Pressure Vessels (COPVs)

At AIAA's request the approval of ANSI/AIAA S-081A-2006, Space Systems - Composite Overwrapped Pressure Vessels (COPVs), as an American National Standard has been rescinded. Please direct any questions to: Craig Day, (703) 264-3849, craigd@aiaa.org.

Incorrect Status

BSR/ASTM E2336-2009

In reference to the Call for Comment listing for BSR/ASTM E2336-200x in the March 6, 2009 issue of Standards Action, the project should have been labeled as (reaffirmation of ANSI/ASTM E2336-2004).

Error in Listing

UL 514A

UL 514A was mistakenly listed in the Call for Comment section of Standards Action, March 6, 2009. Please disregard this public review announcement. Underwriters Laboratories, Inc does not have this proposal available for comment at this time.

Call for Comment Contact Information

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

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Melville, NY 11747
Phone: (631) 390-0215
Fax: (631) 390-0217
Web: asa.aip.org/index.html

ASC X9
Accredited Standards Committee X9, Incorporated
1212 West Street, Suite 200
Annapolis, MD 21401
Phone: (410) 267-7707
Fax: (410) 267-0961
Web: www.x9.org

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

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

ATIS
Alliance for Telecommunications Industry Solutions
1200 G Street, NW, Ste. 500
Washington, DC 20005
Phone: (202) 434-8841
Fax: (202) 347-7125
Web: www.atis.org

comm2000
1414 Brook Drive
Downers Grove, IL 60515

FM
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 2062
Phone: (781) 255-4813
Fax: (781) 762-9375
Web: www.fmglobal.com

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

HPS (ASC N13)
Health Physics Society
1313 Dolley Madison Blvd
Suite 402
McLean, VA 22101
Phone: (703) 790-1745
Fax: (703) 790-2672
Web: www.hps.org/hpspublications/standards.html

ISA (Organization)
ISA-The Instrumentation, Systems, and Automation Society
67 Alexander Drive
Research Triangle Park, NC 27709
Phone: (919) 990-9228
Fax: (919) 549-8288
Web: www.isa.org

NSF
NSF International
789 N. Dixboro Road
Ann Arbor, MI 48105
Phone: (734) 827-6819
Fax: (734) 827-7875
Web: www.nsf.org

Send comments to:

AAMI
Association for the Advancement of Medical Instrumentation (AAMI)
1110 N Glebe Road
Suite 220
Arlington, VA 22201
Phone: (703) 525-4890, x229
Fax: (703) 276-0793
Web: www.aami.org

AISC
American Institute of Steel Construction
One East Wacker Drive, Suite 700
Chicago, IL 60601
Phone: (312) 670-5410
Fax: (312) 644-4226
Web: www.aisc.org

API (Organization)
American Petroleum Institute
1220 L Street, NW
Washington, DC 20005-4070
Phone: (202) 682-8056
Fax: (202) 682-8051
Web: www.api.org

ASA (ASC S12)
Acoustical Society of America
35 Pinelawn Road, Suite 114E
Melville, NY 11747
Phone: (631) 390-0215
Fax: (631) 390-0217
Web: asa.aip.org/index.html

ASC X9
Accredited Standards Committee X9, Incorporated
1212 West Street, Suite 200
Annapolis, MD 21401
Phone: (410) 267-7707
Fax: (410) 267-0961
Web: www.x9.org

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

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

ASTM
ASTM International
100 Barr Harbor Drive
West Conshohocken, PA 19428-2959
Phone: (610) 832-9743
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Alliance for Telecommunications Industry Solutions
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Washington, DC 20005
Phone: (202) 434-8841
Fax: (202) 347-7125
Web: www.atis.org

FM
FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 2062
Phone: (781) 255-4813
Fax: (781) 762-9375
Web: www.fmglobal.com

HPS (ASC N13)
Health Physics Society
1313 Dolley Madison Blvd
Suite 402
McLean, VA 22101
Phone: (703) 790-1745
Fax: (703) 790-2672
Web: www.hps.org/hpspublications/standards.html

ISA (Organization)
ISA-The Instrumentation, Systems, and Automation Society
67 Alexander Drive
Research Triangle Park, NC 27709
Phone: (919) 990-9228
Fax: (919) 549-8288
Web: www.isa.org

ITI (INCITS)
ITI (INCITS)
1250 Eye Street, NW, Suite 200
Washington, DC 20005
Phone: (202) 626-5741
Fax: (202) 638-4922
Web: www.incits.org

NSF
NSF International
789 N. Dixboro Road
Ann Arbor, MI 48105
Phone: (734) 827-6819
Fax: (734) 827-7875
Web: www.nsf.org

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

Call for Members (ANS Consensus Bodies)

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

AAMI (Association for the Advancement of Medical Instrumentation)

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

Contact: *Cliff Bernier*

Phone: (703) 525-4890 x229

Fax: (703) 276-0793

E-mail: CBernier@aami.org

BSR/AAMI/ISO 8637-200x, Cardiovascular implants and artificial organs - Haemodialysers, haemodiafilters, haemofilters and haemoconcentrators (identical national adoption and revision of ANSI/AAMI RD16-2007)

BSR/AAMI/ISO 8638-200x, Cardiovascular implants and artificial organs - Extracorporeal blood circuit for haemodialysers, haemodiafilters and haemofilters (identical national adoption and revision of ANSI/AAMI RD17-2007)

CEA (Consumer Electronics Association)

Office: 1919 South Eads Street
Arlington, VA 22202

Contact: *Alayne Bell*

Phone: (703) 907-5267

Fax: (703) 907-4194

E-mail: ABell@CE.org; Carce@CE.org

BSR/CEA 23-B-200x, Measurement Procedures for Determining Compliance with FCC Rules for “Cable-Ready Consumer Electronics Equipment” (new standard)

BSR/CEA 544-C-200x, Low Frequency Immunity of Tuners in a Cable System (new standard)

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

Office: 1250 Eye Street, NW, Suite 200
Washington, DC 20005

Contact: *Serena Patrick*

Phone: (202) 626-5741

Fax: (202) 638-4922

E-mail: spatrick@itic.org

ANSI INCITS 230-1994 (R2004), Information technology -- Fibre Channel - Physical and Signaling Interface (FC-PH) (withdrawal of ANSI INCITS 230-1994 (R2004))

ANSI INCITS 230-1994/AM2-1999 (R2004), Information technology -- Fibre Channel - Physical and Signaling Interface (FC-PH) - Amendment 2 (withdrawal of ANSI INCITS 230-1994/AM2-1999 (R2004))

BSR INCITS PN-2151-D-200x, Information technology - Small Organization Baseline Information Security Handbook (SOBISH) (new standard)

BSR/INCITS/ISO/IEC 24734-200x, Information technology - Office equipment - Method for measuring digital printing productivity (identical national adoption of ISO/IEC 24734:2009)

BSR/INCITS/ISO/IEC 24735-200x, Information technology - Office equipment - Method for measuring digital copying productivity (identical national adoption of ISO/IEC 24735:2009)

NECA (National Electrical Contractors Association)

Office: 3 Bethesda Metro Cente
Bethesda, MD 20814

Contact: *Nicholas Daly*

Phone: (301) 657-3110

Fax: (301) 215-4500

E-mail: nick.daly@necanet.org

BSR/NECA 130-200x, Standard for Installing and Maintaining Wiring Devices (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.

ASIS (ASIS International)

New Standards

ANSI ASIS SPC.1-2009, Organizational Resilience: Security, Preparedness and Continuity Management Systems - Requirements with Guidance for Use (new standard): 3/12/2009

IEEE (Institute of Electrical and Electronics Engineers)

New National Adoptions

ANSI/IEEE 90003-2008, Adoption of ISO/IEC 90003: Software Engineering - Guidelines for the Application of ISO 9001:2000 to Computer Software (national adoption with modifications of ISO/IEC 90003:2004): 3/5/2009

UL (Underwriters Laboratories, Inc.)

Revisions

ANSI/UL 561-2009, Standard for Safety for Floor-Finishing Machines (revision of ANSI/UL 561-2008): 3/12/2009

Withdrawal of ANS Status by the ANSI Board of Standards Review (BSR)

The following standards have been withdrawn as American National Standards (ANS) as a result of the ANSI Executive Standards Council's (ExSC) remand of each standard to the ANSI Board of Standards Review (BSR) for consideration of the evidence of consensus in support of each standard's original approval as an ANS. The remand to the ANSI BSR was a consequence of the ANSI standards developer audit process.

ANS Withdrawal Effective Date: March 4, 2009
AIAA G-095-2004, Safety of Hydrogen and Hydrogen Systems
AIAA S-081A, Space Systems – Composite Overwrapped Pressure Vessels (COPVs)
AIAA G-003B-2004, Guide to Reference and Standard Atmosphere Models
Contact: Craig Day, AIAA, craigd@aiaa.org

ANS Withdrawal Effective Date: March 10, 2009
ARMA 8-2005, Retention Management for Records and Information;
ARMA 9-2004, Requirements for Managing Electronic Messages as Records
ARMA 12-2005, Establishing Alphabetic, Numeric and Subject Filing Systems
Contact: Kevin S. Joerling, ARMA, kjoerling@arma.org

Final Actions – Complaints and Appeals Considered by ANSI – 2008
ANSI contact: psa@ansi.org

Related to the ANSI Executive Standards Council (ExSC)

Appeal filed with the ANSI Appeals Board by Motorola of the ANSI Executive Standards Council (ExSC) decision upon appeal to hold the decision to reaccredit the procedures of VITA/VSO, an ANSI-Accredited Standards Developer. Appeal dismissed January 22, 2008.

Complaint filed by the Edison Electric Institute (EEI) with the ANSI Executive Standards Council (ExSC) against NFPA, an ANSI Audited Designator, and the 2008 National Electrical Code (NEC). Complaint dismissed April 16, 2008.

Appeal filed with the ANSI Executive Standards Council (ExSC) by Mr. Feldman and Mr. Delaney against ASQ as the Administrator of the ANSI-Accredited U.S. Technical Advisory Group (TAG) to the ISO Technical Management Board ("TMB") Social Responsibility ("SR") Working Group ("WG"). The ExSC found in favor of ASQ with respect to the two appeals and required that ASQ submit revised TAG procedures that govern the activities of stakeholder groups within the operations of the ANSI-Accredited U.S. SR WG TAG. ExSC decision issued February 28, 2008. Related appeal of the ANSI ExSC decision filed by Mr. Feldman and Mr. Delaney with the ANSI Appeals Board dismissed June 18, 2008.

Complaint filed by Mr. Wiley of Wiley Electronics, LLC with the ANSI Executive Standards Council (ExSC) against UL, an ANSI Audited Designator, and UL 1703 *Standard for Safety for Flat-Plate Photovoltaic Modules and Panels* as an American National Standard. Complaint dismissed June 26, 2008.

Complaint filed by Mr. Spielvogel of Lawrence G. Spielvogel, Inc. with the ANSI Executive Standards Council (ExSC) against ASHRAE, an ANSI Audited Designator. Complaint dismissed April 4, 2008. Related appeal filed with the ANSI Appeals Board dismissed November 6, 2008.

Appeal filed by the USDA Agricultural Marketing Service (AMS) with the ANSI Executive Standards Council (ExSC) of the status of Leonardo Academy (Leonardo) as an ANSI-Accredited Standards Developer. Appeal denied; however, the decision found that the USDA raised a number of questions regarding the propriety of Leonardo's practices and processes with respect to a particular standard that should be addressed and if necessary corrected prior to the submission by Leonardo of any such standard as a proposed American National Standard (ANS) to the ANSI Board of Standards Review (BSR). ExSC decision issued January 13, 2009.

Related to the ANSI Board of Standards Review (BSR)

Appeal filed with the ANSI Appeals Board by Studor, Inc. of the ANSI Board of Standards Review's (BSR) December 4, 2007 decision upon appeal to uphold the approval of the IAPMO UPC 1-2006 *Uniform Plumbing Code* as an American National Standard. Appeal dismissed May 9, 2008.

Appeal filed with the ANSI Appeals Board of the ANSI Board of Standards Review's (BSR) March 13, 2008 decision to deny the appeal by the American Subcontractors Association, Inc., Associated Builders and Contractors, Inc., Associated General Contractors of America, the Mechanical Contractors Association of America, Inc., and the National Association of Home Builders ("the Coalition") of the Approval of *A10.40 Reduction of Musculoskeletal Problems in Construction* as an American National Standard. Appeal dismissed July 17, 2008.

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.

ASB (American Society of Baking)

Office: TNA North America Inc.
P.O. Box 35
Williamsport, PA 17703

Contact: *Toby Steward*

Fax: (570) 494-0603

E-mail: toby.steward@tnarobag.com

BSR/ASB Z50.2-200x, Bakery Equipment - Sanitation Requirements (revision of ANSI/ASB Z50.2-2003 (R2008))

Stakeholders: Bakery equipment users and suppliers.

Project Need: To review current needs.

Serves as a guide for the design, construction, and use of bakery equipment, which can be readily maintained in a clean and sanitary condition.

ANS (American Nuclear Society)

Office: 555 North Kensington Avenue
La Grange Park, IL 60525

Contact: *Patricia Schroeder*

Fax: (708) 352-6464

E-mail: pschroeder@ans.org

BSR/ANS 6.1.2-200x, Neutron and Gamma-Ray Cross Sections for Nuclear Radiation Protection Calculations for Nuclear Power Plants (revision of ANSI/ANS 6.1.2-1999 (R2009))

Stakeholders: Owners and operators of nuclear power plants and their shielding suppliers and practitioners.

Project Need: To provide criteria in the preparation and verification of neutron and gamma ray cross-section sets and to identify sets of standard reference data that meet the procedures specified.

Provides information on acceptable evaluated nuclear data and group-averaged neutron and gamma-ray cross-section libraries derived from these evaluated nuclear data, based on the energy range and materials of importance in nuclear radiation protection shielding calculations for nuclear power plants.

ASTM (ASTM International)

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

Contact: *Jeff Richardson*

Fax: (610) 834-7067

E-mail: jrichard@astm.org

BSR/ASTM WK19552-200x, New Specification for Polyamide 12 Gas Pressure Pipe, Tubing and Components (new standard)

Stakeholders: Plastic piping systems industry.

Project Need: http://www.astm.org/DATABASE.CART/WORKITEMS/WK19552.htm

http://www.astm.org/DATABASE.CART/WORKITEMS/WK19552.htm

BSR/ASTM WK21848-200x, New Specification for 2 to 6 inch (50 to 150 mm) Multilayer Thermoplastic and Flexible Steel Pipe (new standard)

Stakeholders: Plastic piping systems industry.

Project Need: http://www.astm.org/DATABASE.CART/WORKITEMS/WK21848.htm

http://www.astm.org/DATABASE.CART/WORKITEMS/WK21848.htm

BSR/ASTM WK21965-200x, New Practice for Structural Design of Thermoplastic Corrugated Stormwater Chambers (new standard)

Stakeholders: Plastic piping systems industry.

Project Need: http://www.astm.org/DATABASE.CART/WORKITEMS/WK21965.htm

http://www.astm.org/DATABASE.CART/WORKITEMS/WK21965.htm

BSR/ASTM WK23007-200x, New Specification for Acrylonitrile-Butadiene-Styrene (ABS) Plastic Pipe (Metric SDR-PR) (new standard)

Stakeholders: Plastic piping systems industry.

Project Need: http://www.astm.org/DATABASE.CART/WORKITEMS/WK23007.htm

http://www.astm.org/DATABASE.CART/WORKITEMS/WK23007.htm

BSR/ASTM WK23063-200x, New Specification for Crosslinked Polyethylene (PEX) Pipe (new standard)

Stakeholders: Plastic piping systems industry.

Project Need: http://www.astm.org/DATABASE.CART/WORKITEMS/WK23063.htm

http://www.astm.org/DATABASE.CART/WORKITEMS/WK23063.htm

BSR/ASTM WK23064-200x, New Specification for Cross-Linked Polyethylene (PEX) Plastic Hot- and Cold-Water Distribution Systems (new standard)

Stakeholders: Plastic piping systems industry.

Project Need: http://www.astm.org/DATABASE.CART/WORKITEMS/WK23064.htm

http://www.astm.org/DATABASE.CART/WORKITEMS/WK23064.htm

BSR/ASTM WK23145-200x, Standard Guide for the Document Destruction Mobile Equipment and Facilities - Safety Requirements (new standard)

Stakeholders: Occupational health and safety industry.

Project Need: http://www.astm.org/DATABASE.CART/WORKITEMS/WK23145.htm

http://www.astm.org/DATABASE.CART/WORKITEMS/WK23145.htm

BSR/ASTM WK23226-200x, New Specification for Polyethylene (PE) Pipe with a Co-Extruded Inner and/or Outer Barrier Layer for Oil and Gas Applications (new standard)

Stakeholders: Plastic piping systems industry.

Project Need: http://www.astm.org/DATABASE.CART/WORKITEMS/WK23226.htm

http://www.astm.org/DATABASE.CART/WORKITEMS/WK23226.htm

CEA (Consumer Electronics Association)

Office: 1919 South Eads Street
Arlington, VA 22202

Contact: *Alayne Bell*

Fax: (703) 907-4194

E-mail: ABell@CE.org; Carce@CE.org

BSR/CEA 23-B-200x, Measurement Procedures for Determining Compliance with FCC Rules for “Cable-Ready Consumer Electronics Equipment” (new standard)

Stakeholders: TV manufacturers, cable television interests, broadcast interests.

Project Need: To revise CEA 23-A.

Defines the measurement procedures for determining compliance with FCC Rules for "Cable Ready Consumer Electronics Equipment", under 47 C.F.R. Section 15.118(c). These procedures define the specific tests needed to determine compliance with the following requirements:
- Section 15.118(c)(1) - Adjacent Channel Interference;
- Section 15.118(c)(2) - Image Channel Interference;
- Section 15.118(c)(3) - Direct Pickup Interference;
- Section 15.118(c)(4) - Tuner Overload;
- Section 15.118(c)(5) - Cable Input Conducted Emissions.

For convenience and clarification, CEA-23-A also references additional related requirements applicable to television receiving devices and cable television.

BSR/CEA 544-C-200x, Low Frequency Immunity of Tuners in a Cable System (new standard)

Stakeholders: TV manufacturers, cable television interests, broadcast interests.

Project Need: To revise CEA 544-B.

Defines the measurement procedures for the low-frequency (5-54 MHz) immunity of tuners in a cable system, based on requirements in FCC regulations that define the assumed levels of the desired signal, low-frequency interference, and the required receiver immunity. These procedures define the specific tests needed to determine compliance with the requirements.

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 4474-2004 (R200x), Evaluating the Simulated Wind Uplift Resistance of Roof Assemblies Using Static Positive and/or Negative Differential Pressures (reaffirmation of ANSI FM 4474-2004)

Stakeholders: Building code officials, roofing manufacturers, architects, consultants, loss prevention engineers.

Project Need: To present test methods to evaluate the simulated wind uplift resistance of the completed roof assembly by using static positive and/or negative differential pressures.

Presents a test method for determining and categorizing wind uplift resistance of roof assemblies including the structural deck. The objective of this test is to evaluate the comparitive resistance of roof assemblies to positive and/or positive and negative pressures. The test evaluates the deck and roof covers including all components for their method of attachment to each other and to their supports.

GISC (ASC Z97) (Glazing Industry Secretariat Committee)

Office: Solutia Inc. - Performance Films
730 Worcester Street
Springfield, MA 1151

Contact: *Julia Schimmelpenningh*

Fax: (508) 861-0127

E-mail: JCSCHI@Solutia.com

BSR Z97.1-200x, Safety Glazing Materials used in Buildings - Safety Performance Specifications and Methods of Test (revision of ANSI Z97.1-2004)

Stakeholders: Consumers, glazing and fenestration industry.

Project Need: To update the current standard.

Establishes the specifications and methods of test for the safety properties of safety glazing materials (glazing materials designed to promote safety and reducing the likelihood of cutting and piercing injuries when the glazing materials are broken by human contact) as used for all building and architectural purposes.

ISA (ISA)

Office: 67 Alexander Drive
Research Triangle Park, NC 27709

Contact: *Eliana Beattie*

Fax: (919) 549-8288

E-mail: ebeattie@isa.org

BSR/ISA 60079-20-1-200x, Explosive Atmospheres - Part 20-1: Material characteristics for gas and vapour classification, test methods and data (national adoption with modifications of IEC 60079-20-1)

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To assist engineers in their selection of equipment to be used in hazardous areas.

Provides guidance on classification of gases and vapours. It describes a test method intended for the measurement of the maximum experimental safe gaps (MESG) for gas- or vapour-air mixtures under normal conditions of temperature and pressure so as to permit the selection of an appropriate group of equipment. This standard describes also a test method intended for use in the determination of the auto ignition temperature of a chemically pure vapour or gas in air at atmospheric pressure.

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

Office: 1250 Eye Street, NW, Suite 200
Washington, DC 20005

Contact: *Serena Patrick*

Fax: (202) 638-4922

E-mail: spatrick@itic.org

BSR INCITS PN-2151-D-200x, Information technology - Small Organization Baseline Information Security Handbook (SOBISH) (new standard)

Stakeholders: Small organizations.

Project Need: To provide sufficient detail that small organizations can identify and address their most important security issues.

Applies to all types of small business, including fulfilling specific regulatory requirements for information security. The goal is to make information security accessible to small businesses. By enhancing the general level of information security, it is a contribution to the overall stability of national critical infrastructure.

BSR/INCITS/ISO/IEC 24734-200x, Information technology - Office equipment - Method for measuring digital printing productivity (identical national adoption of ISO/IEC 24734:2009)

Stakeholders: ITC industry.

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

Provides a method for measuring the productivity of digital printing devices with various office applications and print job characteristics. This standard is applicable to digital printing devices, including single function printing and multi-function devices, regardless of print technology (e.g., inkjet, laser). Devices can be equipped with a range of paper feed and finishing options either directly connected to the computer system or via a network. It is intended to be used for black and white (B&W) as well as color digital printing devices.

BSR/INCITS/ISO/IEC 24735-200x, Information technology - Office equipment - Method for measuring digital copying productivity (identical national adoption of ISO/IEC 24735:2009)

Stakeholders: ITC industry.

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

Provides a method for measuring the productivity of digital printing devices with various office applications and print job characteristics. This standard is applicable to digital printing devices, including single function printing and multi-function devices, regardless of print technology (e.g., inkjet, laser). Devices can be equipped with a range of paper feed and finishing options either directly connected to the computer system or via a network. It is intended to be used for black and white (B&W) as well as color digital printing devices.

NECA (National Electrical Contractors Association)

Office: 3 Bethesda Metro Cente
Bethesda, MD 20814

Contact: *Nicholas Daly*

Fax: (301) 215-4500

E-mail: nick.daly@necanet.org

BSR/NECA 130-200x, Standard for Installing and Maintaining Wiring Devices (new standard)

Stakeholders: Electrical contractors and their customers.

Project Need: To go beyond the basic safety requirements of the National Electrical Code to clearly define what is meant by installing products and systems in a "neat and workmanlike" manner.

This standard describes the installation and maintenance procedures for wiring devices.

American National Standards Maintained Under Continuous Maintenance

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

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

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

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

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

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

ISO Draft International Standards

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

Comments

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

Ordering Instructions

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

ESSENTIAL OILS (TC 54)

ISO/DIS 10869, Oil of fir needle, Siberian (Abies sibirica Ledeb.) - 6/14/2009, $40.00

GAS CYLINDERS (TC 58)

ISO/DIS 11114-1, Transportable gas cylinders - Compatibility of cylinder and valve materials with gas contents - Part 1: Metallic materials - 6/13/2009, $112.00

PLASTICS (TC 61)

ISO/DIS 18280, Plastics - Epoxy resins - Test methods - 6/14/2009, $46.00

ROAD VEHICLES (TC 22)

ISO/DIS 8820-3, Road vehicles - Fuse-links - Part 3: Fuse-links with tabs (blade type) Type C (medium), Type E (high current) and Type F (miniature) - 6/14/2009, $71.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 2004, Natural rubber latex concentrate - Centrifuged or creamed, ammonia-preserved types - Specifications - 6/14/2009, $33.00

STEEL (TC 17)

ISO/DIS 10332, Non-destructive testing of steel tubes - Automated ultrasonic testing of seamless and welded (except submerged arc-welded) steel tubes for verification of hydraulic leak-tightness as a substitution for the hydraulic test - 6/14/2009, $46.00

TERMINOLOGY (PRINCIPLES AND COORDINATION) (TC 37)

ISO/DIS 24612, Language resource management - Linguistic annotation framework (LAF) - 6/14/2009, $82.00

ISO/DIS 24615, Language resource management - Syntactic annotation framework (SynAF) - 6/14/2009, $125.00

Newly Published ISO and IEC Standards

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

ISO Standards

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 29822:2009, Vegetable fats and oils - Isomeric diacylglycerols - Determination of relative amounts of 1,2- and 1,3-diacylglycerols, $57.00

ISO 29841:2009, Vegetable fats and oils - Determination of the degradation products of chlorophylls a and a (pheophytins a, a and pyropheophytins), $73.00

AIR QUALITY (TC 146)

ISO 17735:2009, Workplace atmospheres - Determination of total isocyanate groups in air using 1-(9-anthracenylmethyl)piperazine (MAP) reagent and liquid chromatography, $116.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO 7718-1:2009, Aircraft - Passenger doors interface requirements for connection of passenger boarding bridge - Part 1: Main deck doors, $43.00

ISO 7718-2:2009, Aircraft - Passenger doors interface requirements for connection of passenger boarding bridge - Part 2: Upper deck doors, $43.00

BUILDING ENVIRONMENT DESIGN (TC 205)

ISO 16484-6:2009, Building automation and control systems (BACS) - Part 6: Data communication conformance testing, $335.00

FLUID POWER SYSTEMS (TC 131)

ISO 6194-4:2009, Rotary shaft lip-type seals incorporating elastomeric sealing elements - Part 4: Performance test procedures, $92.00

IMPLANTS FOR SURGERY (TC 150)

ISO 14242-3:2009, Implants for surgery - Wear of total hip-joint prostheses - Part 3: Loading and displacement parameters for orbital bearing type wear testing machines and corresponding environmental conditions for test, $65.00

INFORMATION AND DOCUMENTATION (TC 46)

ISO 21047:2009, Information and documentation - International Standard Text Code (ISTC), $104.00

MICROBEAM ANALYSIS (TC 202)

ISO 14594/Cor1:2009, Microbeam analysis - Electron probe microanalysis - Guidelines for the determination of experimental parameters for wavelength dispersive spectroscopy - Corrigendum, FREE

PAPER, BOARD AND PULPS (TC 6)

ISO 15754:2009, Paper and board - Determination of z-directional tensile strength, $57.00

ROAD VEHICLES (TC 22)

ISO 27956:2009, Road vehicles - Securing of cargo in delivery vans - Requirements and test methods, $80.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 1431-1/Amd1:2009, Rubber vulcanized - Resistance to ozone cracking - Part 1: Static strain test - Amendment 1, $16.00

SAFETY OF TOYS (TC 181)

ISO 8124-1:2009, Safety of toys - Part 1: Safety aspects related to mechanical and physical properties, $193.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO 15371:2009, Ships and marine technology - Fire-extinguishing systems for protection of galley cooking equipment, $110.00

ISO 30000:2009, Ships and marine technology - Ship recycling management systems - Specifications for management systems for safe and environmentally sound ship recycling facilities, $86.00

STEEL (TC 17)

ISO 4993:2009, Steel and iron castings - Radiographic inspection, $86.00

SURFACE ACTIVE AGENTS (TC 91)

ISO 8799:2009, Surface active agents - Sulfated ethoxylated alcohols and alkylphenols - Determination of content of unsulfated matter, $49.00

TECHNICAL SYSTEMS AND AIDS FOR DISABLED OR HANDICAPPED PERSONS (TC 173)

ISO 16840-4:2009, Wheelchair seating - Part 4: Seating systems for use in motor vehicles, $135.00

TEXTILE MACHINERY AND ALLIED MACHINERY AND ACCESSORIES (TC 72)

ISO 96-1:2009, Textile machinery and accessories - Rings and travellers for ring spinning and ring twisting frames - Part 1: Flange rings T and SF and their travellers, $43.00

ISO 96-2:2009, Textile machinery and accessories - Rings and travellers for ring spinning and ring twisting frames - Part 2: HZ- and J-rings and their travellers, $49.00

TEXTILES (TC 38)

ISO 23606:2009, Textiles - Knitted fabrics - Representation and pattern design, $80.00

THERMAL INSULATION (TC 163)

ISO 15927-3:2009, Hygrothermal performance of buildings - Calculation and presentation of climatic data - Part 3: Calculation of a driving rain index for vertical surfaces from hourly wind and rain data, $92.00

ISO Technical Specifications

ACOUSTICS (TC 43)

ISO/TS 7849-1:2009, Acoustics - Determination of airborne sound power levels emitted by machinery using vibration measurement - Part 1: Survey method using a fixed radiation factor, $98.00

ISO/TS 7849-2:2009, Acoustics - Determination of airborne sound power levels emitted by machinery using vibration measurement - Part 2: Engineering method including determination of the adequate radiation factor, $116.00

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

ISO/TS 16610-32:2009, Geometrical product specifications (GPS) - Filtration - Part 32: Robust profile filters: Spline filters, $65.00

ISO/TS 16610-30:2009, Geometrical product specifications (GPS) - Filtration - Part 30: Robust profile filters: Basic concepts, $80.00

HEALTH INFORMATICS (TC 215)

ISO/TS 22220:2009, Health Informatics - Identification of subjects of health care, $193.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 9594-2/Cor3:2008, Extensions to Support Paged Result on the DSP - Corrigendum, FREE

ISO/IEC 9594-3/Cor3:2008, Extensions to Support Paged Result on the DSP - Corrigendum, FREE

ISO/IEC 9594-4/Cor2:2008, Extensions to Support Paged Result on the DSP - Corrigendum, FREE

ISO/IEC 9594-5/Cor1:2008, Extensions to Support Paged Result on the DSP - Corrigendum, FREE

ISO/IEC 9594-5/Cor1:2008, Extensions to Support Paged Result on the DSP - Corrigendum, FREE

ISO/IEC 9594-6/Cor1:2008, Extensions to Support Paged Result on the DSP - Corrigendum, FREE

ISO/IEC 9594-6/Cor3:2008, Extensions to Support Paged Result on the DSP - Corrigendum, FREE

ISO/IEC 9594-10/Cor1:2008, Information technology - Open Systems Interconnection - The Directory: Use of systems management for administration of the Directory - Corrigendum, FREE

ISO/IEC 14496-4/Amd31:2009, Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Conformance testing for MPEG-4 - Amendment 31: Conformance testing for SVC profiles, $141.00

ISO/IEC 14496-11/Amd6:2009, Information technology - Coding of audio-visual objects - Part 11: Scene description and application engine - Amendment 6, $16.00

ISO/IEC 18004/Cor1:2009, Information technology - Automatic identification and data capture techniques - Bar code symbology QR Code - Corrigendum, FREE

ISO/IEC 18013-3:2009, Information technology - Personal identification - ISO-compliant driving licence - Part 3: Access control, authentication and integrity validation, $206.00

ISO/IEC JTC 1 Technical Reports

ISO/IEC TR 24729-4:2009, Information technology - Radio frequency identification for item management - Implementation guidelines - Part 4: Tag data security, $98.00

IEC Standards

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

IEC/PAS 61169-18 Ed. 1.0 en:2009, Radio-frequency connectors - Part 18: Sectional specification - Radio frequency coaxial connectors of type SSMA, $107.00

IEC/PAS 61169-19 Ed. 1.0 en:2009, Radio-frequency connectors - Part 19: Sectional specification for SSMB series R.F. coaxial connectors, $117.00

IEC/PAS 61169-35 Ed. 1.0 en:2009, Radio-frequency connectors - Part 35: Sectional specification - Radio frequency coaxial connectors of type 2,92, $107.00

ELECTRIC TRACTION EQUIPMENT (TC 9)

IEC 62505-1 Ed. 1.0 b:2009, Railway applications - Fixed installations - Particular requirements for a.c. switchgear - Part 1: Single-phase circuit-breakers with Un above 1 kV, $235.00

IEC 62505-2 Ed. 1.0 b:2009, Railway applications - Fixed installations - Particular requirements for a.c. switchgear - Part 2: Single-phase disconnectors, earthing switches and switches with Un above 1 kV, $61.00

IEC 62505-3-1 Ed. 1.0 b:2009, Railway applications - Fixed installations - Particular requirements for a.c. switchgear - Part 3-1: Measurement, control and protection devices for specific use in a.c. tractions systems - Application guide, $56.00

IEC 62505-3-2 Ed. 1.0 b:2009, Railway applications - Fixed installations - Particular requirements for a.c. switchgear - Part 3-2: Measurement, control and protection devices for specific use in a.c. traction systems - Single-phase current transformers, $46.00

IEC 62505-3-3 Ed. 1.0 b:2009, Railway applications - Fixed installations - Particular requirements for a.c. switchgear - Part 3-3: Measurement, control and protection devices for specific use in a.c. traction systems - Single-phase inductive voltage transformers, $51.00

FIBRE OPTICS (TC 86)

IEC 60793-1-47 Ed. 3.0 en:2009, Optical fibres - Part 1-47: Measurement methods and test procedures - Macrobending loss, $77.00

IEC 61290-10-1 Ed. 2.0 b:2009, Optical amplifiers - Test methods - Part 10-1: Multichannel parameters - Pulse method using an optical switch and optical spectrum analyzer, $117.00

IEC 61300-2-48 Ed. 2.0 en:2009, Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-48: Tests - Temperature-humidity cycling, $51.00

IEC 61300-3-3 Ed. 3.0 en:2009, Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-3: Examinations and measurements - Active monitoring of changes in attenuation and return loss, $97.00

MAGNETIC COMPONENTS AND FERRITE MATERIALS (TC 51)

IEC 62024-2 Ed. 1.0 b:2008, High frequency inductive components - Electrical characteristics and measuring methods - Part 2: Rated current of inductors for DC to DC converters, $87.00

IEC 62317-14 Ed. 1.0 b:2008, Ferrite cores - Dimensions - Part 14: EFD-cores for use in power supply applications, $56.00

NUCLEAR INSTRUMENTATION (TC 45)

IEC 62003 Ed. 1.0 b:2009, Nuclear power plants - Instrumentation and control important to safety - Requirements for electromagnetic compatibility testing, $158.00

OTHER

CISPR 12 Ed. 6.1 b:2009, Vehicles, boats and internal combustion engines - Radio disturbance characteristics - Limits and methods of measurement for the protection of off-board receivers, $230.00

POWER SYSTEM CONTROL AND ASSOCIATED COMMUNICATIONS (TC 57)

IEC 61850-SER Ed. 1.0 en:2009, Communication networks and systems in substations - All Parts, $3078.00

IEC 61850-7-420 Ed. 1.0 en:2009, Communication networks and systems for power utility automation - Part 7-420: Basic communication structure - Distributed energy resources logical nodes, $260.00

SEMICONDUCTOR DEVICES (TC 47)

IEC 60747-16-3 Amd.1 Ed. 1.0 en:2009, Amendment 1 - Semiconductor devices - Part 16-3: Microwave integrated circuits - Frequency converters, $31.00

IEC 60747-16-4 Amd.1 Ed. 1.0 en:2009, Amendment 1 - Semiconductor devices - Part 16-4: Microwave integrated circuits - Switches, $31.00

SHORT-CIRCUIT CURRENTS (TC 73)

IEC 60909-3 Ed. 3.0 b:2009, Short-circuit currents in three-phase AC systems - Part 3: Currents during two separate simultaneous line-to-earth short circuits and partial short-circuit currents flowing through earth, $204.00

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

Corepoint Health, LLC

Public Review: March 11 to June 9, 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 B11 – Safety Requirements for Machine Tools

Accredited Standards Committee B11, Safety Requirements for Machine Tools has been administratively reaccredited at the direction of ANSI's Executive Standards Council, under its current operating procedures for documenting consensus on proposed American National Standards, recently revised to bring the document into compliance with the 2009 edition of the ANSI Essential Requirements, effective March 16, 2009. For additional information, please contact the Secretariat of ASC B11, the Association for Manufacturing Technology (a full ANSI organizational member): Mr. David Felinski, Safety Director, AMT, 7901 Westpark Drive, McLean, VA 22102-4206; PHONE: (703) 827-5211; FAX: (703) 893-1151; Email: dfelinski@amtonline.org.

Dimensional Metrology Standards Consortium (DMSC)

The Dimensional Metrology Standards Consortium (DMSC), an ANSI Organizational Member, has been administratively reaccredited at the direction of ANSI's Executive Standards Council, under operating procedures revised to bring the documents into compliance with the 2009 version of the ANSI Essential Requirements, effective March 18, 2009. For additional information, please contact: Mr. Bailey Squier, Executive Director, Dimensional Metrology Standards Consortium, 1228 Enclave Circle, #301, Arlington, TX 76011; PHONE: (817) 461-1092; FAX: (817) 461-4845; E-mail: bsquier@dmis.org.

Approvals of Reaccreditation

ASC B3 – Ball and Roller Bearings, and U.S. TAG to ISO/TC 4 – Roller Bearings, and ISO/TC 20/SC 15 – Airframe Bearings

ANSI's Executive Standards Council has approved the reaccreditation of Accredited Standards Committee B3, Ball and Roller Bearings and of the U.S. TAG to ISO/TC 4, Roller bearings and ISO/TC 20/SC 15, Airframe Bearings with the American Bearing Manufacturers Association (ABMA), an ANSI organizational member, continuing as TAG Administrator, under their respective revised operating procedures, effective March 13, 2009. For additional information, please contact: Mr. James Converse, Technical Director, ASC B3/American Bearing Manufacturers Association, 2025 M Street NW, Suite 800, Washington, DC 20036; PHONE: (202) 367-1155; FAX: (202) 367-2155; E-mail: jconverse1@nc.rr.com.

Health Industry Business Communications Council (HIBCC)

ANSI's Executive Standards Council has approved the reaccreditation of the Health Industry Business Communications Council (HIBCC), an ANSI organizational member, under its recently revised operating procedures for documenting consensus on proposed American National Standards, effective March 18, 2009. For additional information, please contact: Ms. Katy Giglio, HIBCC, 2525 E. Arizona Biltmore Circle, Suite 127, Phoenix, AZ 85016; PHONE: (602) 381-1091, ext. 101; FAX: (602) 381-1093; E-mail: info@hibcc.org.

ANSI Accreditation Program for Third Party Product Certification Agencies

Initial Accreditations

LIFTINSTITUUT

Comment Deadline: April 20, 2009

LIFTINSTITUUT
Buikslotermeerplein 381
1025 XE
Amsterdam, Netherlands

On March 12, 2009, the ANSI Accreditation Committee (ACC) voted to approve initial accreditation for LIFTINSTITUUT for the following scope:

SCOPE:

AECO Program - Elevator systems, subsystems, components, and functions for issuance of Certificates of Conformance and Marks in according to ASME A17.7/CSA B44.7.

Please send your comments by April 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.

TUVSUD America, Inc.

Comment Deadline: April 20, 2009

TUVSUD America, Inc.
10 Centennial Drive
Peabody, MA 01960

On March 12, 2009, the ANSI Accreditation Committee (ACC) voted to approve initial accreditation for TUVSUD America Inc. for the following scope:

SCOPE:

AECO Program - Elevator systems, subsystems, components, and functions for issuance of Certificates of Conformance and Marks in according to ASME A17.7/CSA B44.7.

Please send your comments by April 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.

Underwriters Laboratories, Inc.

Comment Deadline: April 20, 2009

Underwriters Laboratories, Inc.
333 Pfingsten Road
Northbrook, IL 60062

On March 12, 2009, the ANSI Accreditation Committee (ACC) voted to approve initial accreditation for Underwriters Laboratories, Inc. for the following scope:

SCOPE:

AECO Program - Elevator systems, subsystems, components, and functions for issuance of Certificates of Conformance and Marks in according to ASME A17.7/CSA B44.7.

Please send your comments by April 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.

International Organization for Standardization (ISO)

Assignment of New International Technical Committee (TC) Secretariat

ISO/TC 247 – Fraud Countermeasures and Controls

Comment Deadline: April 6, 2009

ANSI has been advised that the North American Security Products Organization (NASPO) wishes to serve as delegated ANSI Secretariat for the above ISO Technical Committee.

The proposed scope of this TC is as follows:

Standardization in the field of the detection, prevention and control of identity, financial, product and other forms of social and economic fraud. This involves setting standards related to:

a) security assurance of operational facilities and organizations, and their related compliance standards

b) supply chains for security technologies, products of value and service components

c) interoperability and the performance of security technologies

d) procedures and/or processes related to the protection of personally identifiable information and identity

e) procedures and/or processes for identity credentialing, including the securing of identity documents

f) the securing, controlling, maintaining and track and trace of intellectual property through the use of security technologies and systems

g) information security as a component of operational security assurance

h) the transmittal of information within and between secure environments

i) the transmittal of information from public to secure environments

j) the transmittal of information in support of authentication or verification technologies

k) the development of technologies, methodologies and systems related to countering fraud

l) financial documents and systems that enable secure transactions

m) risk analysis and techniques

n) credentialing of individuals in critical or sensitive

Anyone wishing to comment on the delegation of the International Secretariat to NASPO, please contact Henrietta Scully, ANSI, via E-mail, hscully@ansi.org, by April 6, 2009.

ISO Proposal for a New Field of ISO Technical Activity

Traditional Chinese Medicine

Comment Deadline: April 24, 2009

SAC (P.R. China) has submitted to ISO a proposal for a new field of ISO technical activity on the subject of Traditional Chinese Medicine, with the following scope statement:

Standardization in the field of TCM, in terms of basis, application, administration and the related technical fields, such as terminology, diagnosis and treatment methods, manipulation standards, training standards, quality standards of appliance and equipment, and production and usage standards of Chinese herbal medicines and their test methods, etc.

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

Anyone wishing to review the new work item can request a copy of the proposal by contacting Henrietta Scully, ANSI, via E-mail at hscully@ansi.org by April 21st, with submission of comments to Steven Cornish, ANSI, via E-mail at scornish@ansi.org by April 24, 2009.

Proposal for New Work Items

Design and Construction of Filling Stations for Liquefied Natural Gas, and Design and Construction of Filling Stations for Compressed Natural Gas

Comment Deadline: May 1, 2009

The International Association for Natural Gas Vehicles (IANGV) has submitted to ISO two new work item proposals as follows.

Design and construction of filling stations for liquefied natural gas for vehicles; including equipment, safety devices, maintenance and periodic inspection

and

Design and construction of filling stations for compressed natural gas for vehicles; including equipment, safety devices, maintenance and periodic inspection

These proposals have been sent to the members of the ANSI International Committee (AIC).

Anyone wishing to review the new work item can request a copy of the proposal by contacting Henrietta Scully, ANSI, via E-mail at hscully@ansi.org by April 24th, with submission of comments to Steven Cornish, ANSI, via E-mail at scornish@ansi.org by May 1, 2009.

Meeting Notices

A10 ASC Meeting – July 14, 2009

The American Society of Safety Engineers (ASSE) serves as the secretariat of the ANSI Accredited A10 Committee (A10 ASC) for Construction and Demolition Operations. The next meeting of the A10 ASC will be held on July 14, 2009 in Washington D.C. at the International Brotherhood of Electrical Workers (IBEW). Those who have interest in the committee are encouraged to attend.

In addition, subgroup meetings of the A10 ASC will be held the day before on July 13th. The A10 ASC has a series of subgroups addressing a wide variety of construction and demolition issues ranging from trenching and shoring to ergonomic injury prevention and health hazards. The subgroup meeting schedule will be provided upon request.

If you are interested in attending a meeting or subgroup meeting please contact the secretariat at the following address.

Timothy R. Fisher, CSP, CHMM, ARM, CPEA
Director, Practices and Standards
American Society of Safety Engineers (ASSE)
1800 East Oakton Street
Des Plaines, IL 60018
PHONE: (847) 768-3411
FAX: (847) 296-9221
E-mail: TFisher@ASSE.org

Chemical Subsection Engineering Committee – March 24, 2009

Sponsor: Chemicals Subsection Engineering Committee

Purpose: Review of Guideline K-2004 (Containers for Recovered Fluorocarbon Refrigerants)

Date: March 24, 2009

Time: 9:00 a.m. EST

Location of Meeting: Teleconference Call

Contact: Maryline Rassi, (703) 600-0366, E-mail: mrassi@ahrinet.org

**BSR/ASHRAE Addendum af
to ANSI/ASHRAE Standard 34-2007**

Public Review Draft

ASHRAE® Standard

Proposed Addendum af to Standard 34-2007, *Designation and Safety Classification of Refrigerants*

First Public Review (March 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 1-800-727-4723 (for orders in the U.S. or Canada).

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

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

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

BSR/ASHRAE Addendum af to ANSI/ASHRAE Standard 34-2007, *Designation and Safety Classification of Refrigerants*

First Public Review Draft

(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 new refrigerant 438A to Table 2 and Table D2.

[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 af to 34-2007

Add the following to Table 2 and Table D2 in the columns indicated:

TABLE 2—
Data and Safety Classifications for Refrigerant Blends

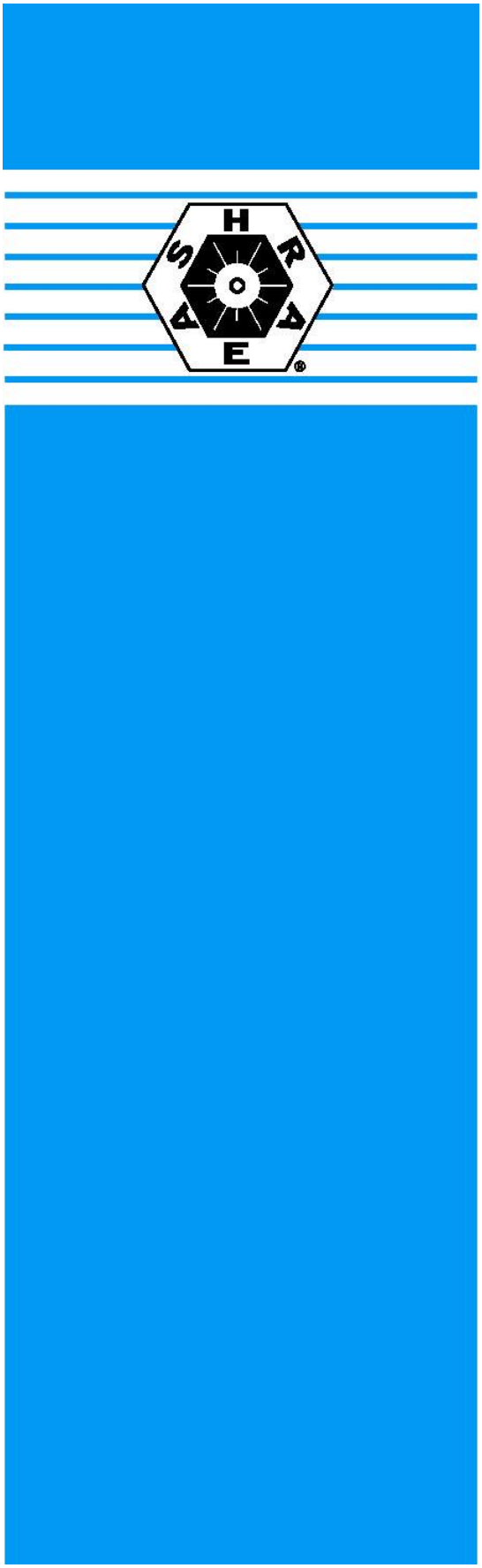
Refrigerant Number = 438A
Composition (Mass %) = R-32/125/134a/600/601a (8.5/45.0/44.2/1.7/0.6)[aj]
OEL = 990
Safety Group = A1
RCL = 19,000 ppm v/v; 79 g/m^3; 4.9 lb/Mcf
Highly Toxic or Toxic Under Code Classification = Neither

[aj]Compostion tolerances are: (+0.5, -1.5 / ±1.5 / ± 1.5 / +0.1, -0.2 / +0.1, -0.2)

TABLE D2—
Data for Refrigerant Blends

Refrigerant Number = 438A
Composition (Mass %) = R-32/125/134a/600/601a (8.5/45.0/44.2/1.7/0.6)[v]
Average Molecular Mass = 99.1
Bubble Point (°C) = -43.0
Dew Point (°C) = -36.4
Bubble Point (°F) = -45.4
Dew Point (°F) = -33.5

[v] Compostion tolerances are: (+0.5, -1.5 / ±1.5 / ± 1.5 / +0.1, -0.2 / +0.1, -0.2)



BSR/ASHRAE Addendum ag
to ANSI/ASHRAE Standard 34-2007

Public Review Draft

ASHRAE® Standard

Proposed Addendum ag to Standard 34-2007, *Designation and Safety Classification of Refrigerants*

First Public Review (March 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 1-800-727-4723 (for orders in the U.S. or Canada).

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BSR/ASHRAE Addendum ag to ANSI/ASHRAE Standard 34-2007, *Designation and Safety Classification of Refrigerants*

First Public Review Draft

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FOREWORD

This addendum changes the safety classification of R-403A from A1 to A2. This refrigerant was added to the standard before there was a requirement for flammability testing at elevated temperatures. Although non-flammable at 23°C, as part of ASHRAE research project 1073RP, R-403A was shown to have an elevated temperature flammability limit of 13.1% by volume when the worst case fractionated formulation (WCFF) for flammability was tested at 60°C.

[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.]

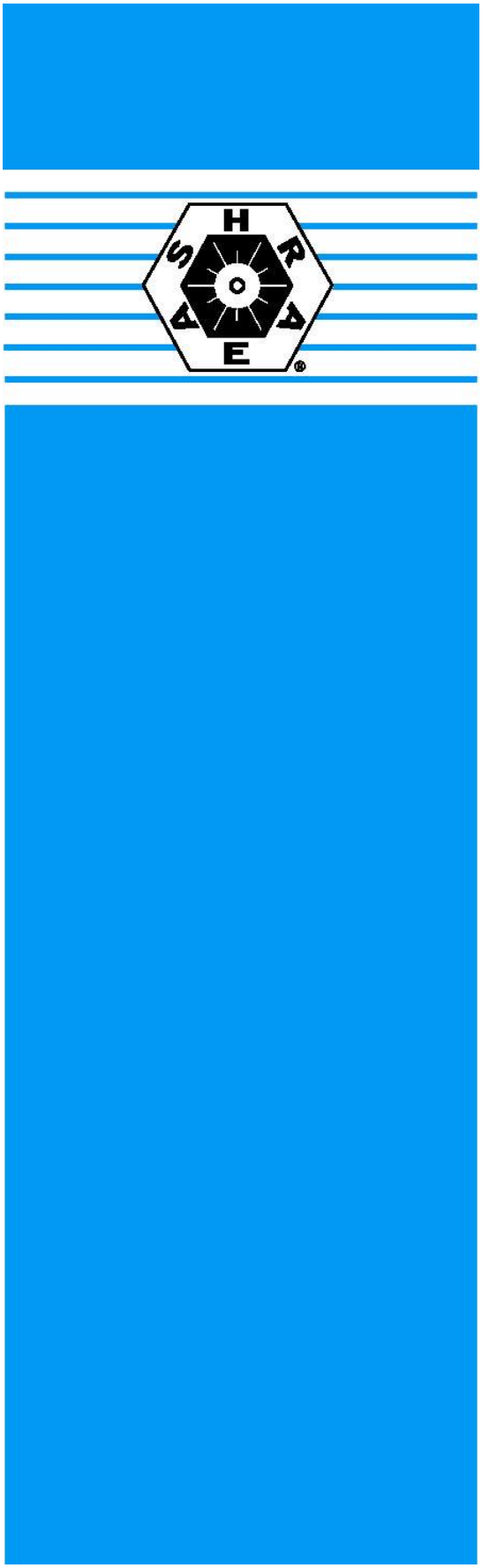
Addendum ag to 34-2007

Make the following change to the safety classification of R-403A:

TABLE 2—
Data and Safety Classifications for Refrigerant Blends

Refrigerant Number = R-403A
Safety Group = ~~A1~~ A2

All other entries for this refrigerant remain unchanged.



BSR/ASHRAE Addendum d
to ANSI/ASHRAE Standard 62.1-2007

Public Review Draft

ASHRAE® Standard

Proposed Addendum d to Standard 62.1-2007, *Ventilation for Acceptable Indoor Air Quality*

Fourth Public Review (March 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 1-800-727-4723 (for orders in the U.S. or Canada).

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BSR/ASHRAE Addendum d to ANSI/ASHRAE Standard 62.1-2007, *Ventilation and Acceptable Indoor Air Quality*
Fourth Public Review Draft (Independent Substantive Changes to the third public review draft)

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FOREWORD

Completing the task of adding or modifying requirements for several occupancy categories in Table 5-2, 6-1 and 6-2, this ISC specifically addresses "hydraulic elevator machine rooms," identifying air from them as Class 2 air, but not requiring minimum outdoor airflow rates or minimum exhaust rates from them.

[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 <u>underlining</u> (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 d to 62.1-2007

Reviewer Note: Add the following to Table 5-2 from the 3rd public review draft:

TABLE 5-2 Airstreams

Description	Air Class
<u>Hydraulic</u> elevator machine room	2

BSR/ASHRAE Addendum m
to ANSI/ASHRAE Standard 62.1-2007

Public Review Draft

ASHRAE® Standard

Proposed Addendum m to Standard 62.1-2007, *Ventilation for Acceptable Indoor Air Quality*

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

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BSR/ASHRAE Addendum m to ANSI/ASHRAE Standard 62.1-2007, *Ventilation and Acceptable Indoor Air Quality*
First Public Review Draft

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FOREWORD

This proposed addendum removes ventilation requirements for healthcare spaces from the Standard since ventilation requirements for these types of spaces are covered in Standard 170-2008, "Ventilation of Health Care Facilities".

[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 m to 62.1-2007

Reviewer Note: Delete the following General Note for Table 6-1:

~~7 Health-care facilities: Rates shall be determined in accordance with Appendix E.~~

Reviewer Note: Delete Appendix E in its entirety.

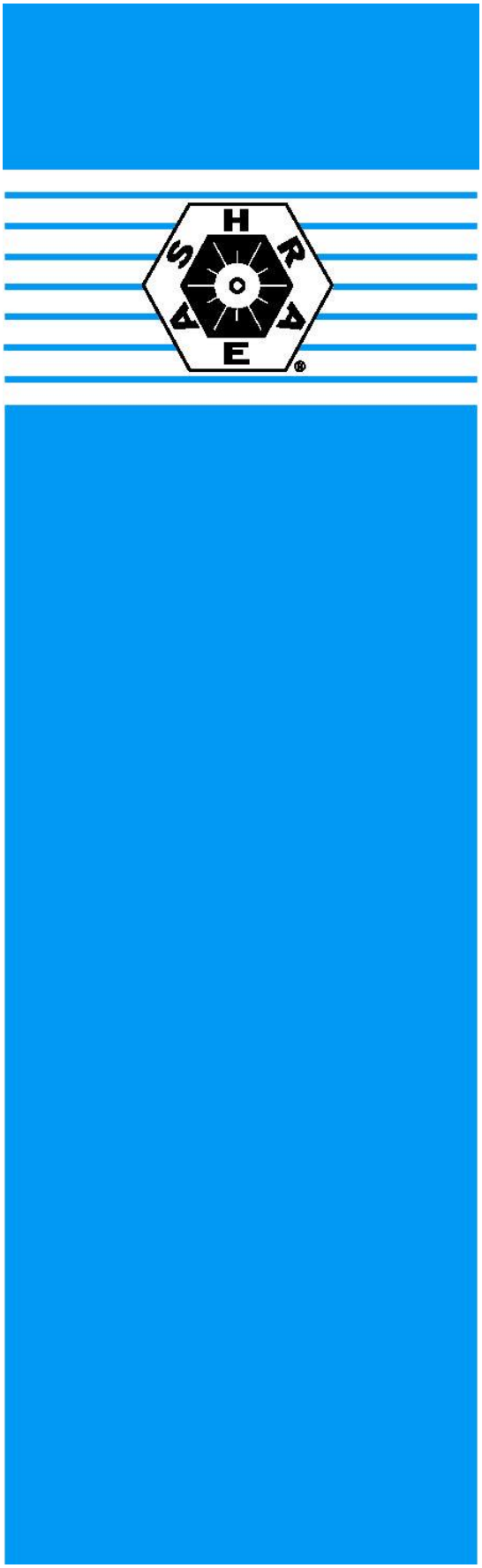
~~(This is a normative appendix and is part of the standard.)~~

~~NORMATIVE APPENDIX E~~
~~VENTILATION RATES FOR HEALTH CARE FACILITIES~~

~~TABLE E-1 Outdoor Air Requirements for Ventilation of Health Care Facilities (Hospitals, Nursing and Convalescent Homes)*~~

~~Application~~	~~Estimated Maximum** Occupancy P/1000 ft² or 100 m²~~	~~cfm/ person~~	~~Outdoor Air Requirements L/s·person cfm/ft²~~	~~L/s m²~~	~~Comments~~
~~Patient rooms~~	~~10~~	~~25~~	~~13~~		~~Special requirements or codes and pressure relationships may determine minimum ventilation rates and filter efficiency. Procedures generating contaminants may require higher rates.~~
~~Medical procedure~~	~~20~~	~~15~~	~~8~~		
~~Operating rooms~~	~~20~~	~~30~~	~~15~~		
~~Recovery and ICU~~	~~20~~	~~15~~	~~8~~		
~~Autopsy rooms~~	~~20~~			~~2.50~~	~~Air shall not be recirculated into other spaces.~~
~~Physical therapy~~	~~20~~	~~15~~	~~8~~		

~~* Table E-1 prescribes supply rates of acceptable outdoor air required for acceptable indoor air quality. These values have been chosen to dilute human bioeffluents and other contaminants with an adequate margin of safety and to account for health variations among people and varied activity levels.~~
~~** Net occupiable space.~~



BSR/ASHRAE Addendum o
to ANSI/ASHRAE Standard 62.1-2007

Public Review Draft

ASHRAE® Standard

Proposed Addendum o to Standard 62.1-2007, *Ventilation for Acceptable Indoor Air Quality*

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

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FOREWORD

This proposed addendum moves the existing 6.2.8 and the corresponding Table 6-4 into a new Section 6.5 such that it applies to all zones and/or systems regardless of the method used to design the ventilation system (Ventilation Rate Procedure, IAQ Procedure, Natural Ventilation Procedure).

[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 o to 62.1-2007

Reviewer Note: Revise Section 6 as follows:

6. PROCEDURES

~~This section is not required for natural ventilation systems; n~~Natural ventilation systems shall be designed in accordance with Section 5.1. Spaces designed with natural ventilation systems shall comply with Section 6.4.

Reviewer Note: Relocate Section 6.2.8 to new Section 6.4 as follows:

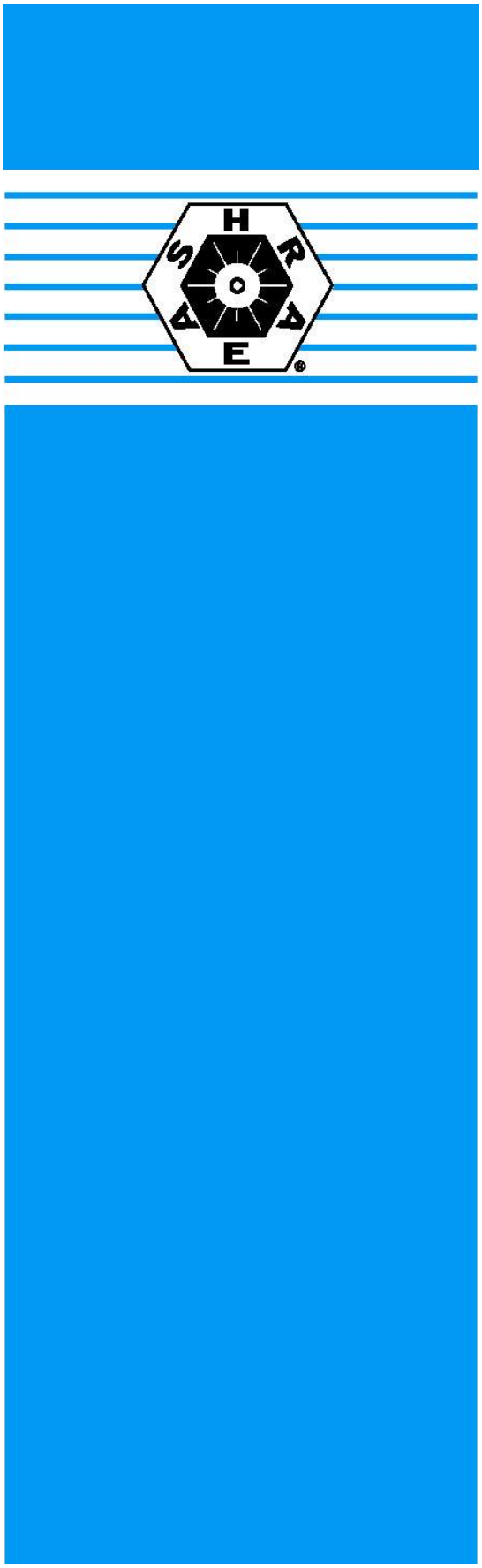
6.4~~6.2.8~~ Exhaust Ventilation. The design e~~E~~xhaust airflow shall be determined~~provided~~ in accordance with the requirements in Table 6-4. Exhaust makeup air may be any combination of outdoor air, recirculated air, and transfer air.

Reviewer Note: Renumber existing Section 6.4 as follows:

6.5~~6.4~~ Design Documentation Procedures. Design criteria and assumptions shall be documented and should be made available for operation of the system within a reasonable time after installation. See Sections 4.3, 5.2.3, 5.17.4, and 6.3.2 regarding assumptions that should be detailed in the documentation.

Reviewer Note: Revise Section 8.3 as follows:
Note that the second sentence in Section 8.3 below was added by Addendum j to 62.1-2007 and has yet to be published

8.3 Ventilation System Operation. Mechanical and natural ventilation systems shall be operated in a manner consistent with the O&M Manual. Systems shall be operated such that spaces are ventilated in accordance with Section 6 when they are expected to be occupied.



BSR/ASHRAE Addendum s
to ANSI/ASHRAE Standard 62.1-2007

Public Review Draft

ASHRAE® Standard

Proposed Addendum s to Standard 62.1-2007, *Ventilation for Acceptable Indoor Air Quality*

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

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BSR/ASHRAE Addendum s to ANSI/ASHRAE Standard 62.1-2007, *Ventilation and Acceptable Indoor Air Quality*
First Public Review Draft

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FOREWORD

Based on committee-member experience, "shipping/receiving" areas and "warehouses" require a minimum outdoor airflow rate per person as well as a minimum per unit area rate, and "coin-operated laundries" need a higher minimum outdoor airflow rate per unit area than previously published.

[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 s to 62.1-2007

Reviewer Note: Revise Table 6-1 as follows (for brevity only modified lines of the table are included):

TABLE 6-1 MINIMUM VENTILATION RATES IN BREATHING ZONE

Occupancy Category	People Outdoor Air Rate R_P		Area Outdoor Air Rate R_A		Notes	Default Values			Air Class
						Occupant Density (see Note 4)	Combined Outdoor Air Rate (see Note 5)		
	cfm/person	L/s•person	cfm/ft^2	L/s•m^2		#/1000 ft^2 (#/100 m^2)	cfm/person	L/s•person	
Miscellaneous spaces									
Shipping/receiving	10-	5-	0.12	0.6	B	2-	70	35	~~1~~2
Warehouses	10-	5-	0.06	0.3	B	-			2
Retail									
Coin-operated laundries	7.5	3.8	~~0.06~~ 0.12	~~0.3~~ 0.6		20	~~11~~14	~~5.3~~7.0	2
Sports and Entertainment									
Disco/dance floors	20	10	0.06	0.3		100	21	10.3	~~1~~ 2

BSR/ASHRAE Addendum f to ANSI/ASHRAE Standard 62.2-2007

Public Review Draft

ASHRAE® Standard

Proposed Addendum f to Standard 62.2-2007, *Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings*

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

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BSR/ASHRAE Addendum f to ANSI/ASHRAE Standard 62.2-2007, *Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings*
First Public Review Draft

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Foreword

The existing Table 4.2 of Standard 62.2 does not provide sufficient resolution in defining ventilation effectiveness for the 24 hour cycle time and, as such, prevented energy saving strategies like nighttime ventilation cooling by imposing an excessive penalty on systems that operate between 0.4 and 0.6 Fractional On-Time. The committee felt that a longer table in the standard was not warranted for these rare cases but agreed to allow linear interpolation for Fractional On-Times within the table as that is conservative relative to the fundamental equations on which Table 4.2 is based.

[Note to Reviewers: This addendum makes proposed changes to the current standard (62.2-2007 with 2008 Supplement incorporated). 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 f to 62.2-2007

Reviewer Note: Revise the text immediately following Table 4.2 as shown. Note that the text shown below is relative to the current Standard 62.2-2007 with the 2008 Supplement incorporated. Addendum b to 62.2-2007 (included in the 2008 Supplement) made changes to the published standard. The 2008 Supplement is available for free download from the ASHRAE website at http://www.ashrae.org/docLib/20081029_62_2_Supplement_FINAL.pdf.

~~Interpolation in Table 4.2 is not allowed.~~ For values not listed, use the next higher value for Cycle Time or the next lower value for Fractional On-Time. Linear interpolation is allowed for intermediate Fractional On-Times. The minimum allowed Fractional On-Time is 0.1 and the maximum allowed Cycle Time is 24 hours.

BSR/ASHRAE Addendum h to ANSI/ASHRAE Standard 62.2-2007

Public Review Draft

ASHRAE® Standard

Proposed Addendum h to Standard 62.2-2007, *Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings*

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

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BSR/ASHRAE Addendum h to ANSI/ASHRAE Standard 62.2-2007, *Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings*
First Public Review Draft

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Foreword

The proposed change adds an additional specific requirement on the prevention of transfer air which is only relevant to multifamily buildings. It includes an exception for the possibility of systems designed to supply ventilation air from the corridor which may be allowed by code in some jurisdictions.

[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 h to 62.2-2007

Reviewer Note: Add a new Section 6.1.1 as follows:

6.1.1 Multifamily Buildings

All doors between dwelling units and common hallways shall be gasketed or made substantially airtight with weather stripping except when the ventilation system design explicitly requires transfer air from corridors into units.

BSR/ASHRAE Addendum i to ANSI/ASHRAE Standard 62.2-2007

Public Review Draft

ASHRAE® Standard

Proposed Addendum i to Standard 62.2-2007, *Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings*

First Public Review (March 2009)
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Foreword

The proposed change clarifies Section 6.1. The existing language is not appropriate if applying Standard 62.2 to existing buildings which have already been designed and constructed.

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Addendum i to 62.2-2007

Reviewer Note: Revise Section 6.1 as follows:

6.1 Transfer Air: Dwelling units shall be ~~designed and constructed to provide~~ provided with ventilation air directly from the outdoors and not as transfer air from adjacent dwelling units or other spaces, such as garages, unconditioned crawl spaces, or unconditioned attics. Measures shall be taken to prevent air movement across envelope components separating attached, adjacent dwelling units and between dwelling units and other spaces, both vertically and horizontally. Measures shall include sealing of common envelope components, pressure management, and use of airtight recessed lighting fixtures.

BSR/ASHRAE Addendum a
to ANSI/ASHRAE Standard 161-2007

Public Review Draft

ASHRAE® Standard

Proposed Addendum a to Standard 161-2007, *Air Quality within Commercial Aircraft*

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

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

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FOREWORD

This proposed addendum adds a definition to clarify how the phrase "commercial aircraft" should be interpreted in this standard. It also adds the appropriate reference to the reference section of the standard.

[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 a to 161-2007

Reviewer Note: Add the following definition to Section 3, Definitions.

aircraft, commercial: an aircraft engaged in common carriage according to FAA 8300:10. [2]

Reviewer Note: Add the following reference to Section 10, References.

2. FAA Airworthiness Inspector's Handbook, Order 8300:10, Volume 2, Chapter 60, Section 5, US Federal Aviation Administration, Department of Transportation, US Government Printing Office, Washington, DC, October, 2006.

Reviewer Note: Prior to this addendum, the definition of "commercial aircraft" and the reference being added by this addendum was located in the last sentence of the Foreword to Standard 161. If this addendum is approved, this sentence will be deleted from the Foreword when the next edition of the standard is published.

BSR/ASHRAE Addendum *b*
to ANSI/ASHRAE Standard 161-2007

Public Review Draft

ASHRAE® Standard

Proposed Addendum *b* to Standard 161-2007, *Air Quality within Commercial Aircraft*

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

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FOREWORD

This proposed addendum removes the prefix "ortho" from the term "ortho-TCP" in all places (two) where it occurs. There are multiple isomers of Trichloropropane, and it is the intention of the standard to cover all of them, not just the ortho-TCP isomer.

[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 b to 161-2007

Reviewer Note: Delete the prefix "ortho" from the term "ortho-TCP" in the Design Control Measures of Section 8.6-ii, as shown below.

ii) Information on the content of individual isomers of TCPs in hydraulic fluids used in the airline industry shall be made available to crew members as required by 29 CFR Section 1910.1200.[14] Products with reduced content of ~~ortho-~~TCPs that still provide the required performance characteristics for the specific application should be selected.

Reviewer Note: Delete the prefix "ortho" from the term "ortho-TCP" in the Design Control Measures of Section 8.7-ii, as shown below.

ii) Information on the content of individual isomers of TCPs in hydraulic fluids used in the airline industry shall be made available to crew members as required by 29 CFR Section 1910.1200.[14] Products with reduced content of ~~ortho-~~TCPs that still provide the required performance characteristics for the specific application should be selected.

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

Public Review Draft

ASHRAE© Standard

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

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(Draft Shows Proposed Changes to Standard)

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FOREWORD

This is a second public review to incorporate the changes from the first public review.

It clarifies how distribution pump energy is to be addressed when using purchased heat or purchased chilled water.

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 "ai" to 90.1-2007

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

G3.1.1.1 Purchased Heat. For systems using purchased hot water or steam, the heating source shall be modeled as purchased hot water or steam in both the *proposed* and *baseline building designs*. Hot water or steam costs shall be based on actual utility rates and on-site boilers, electric heat, and furnaces shall not be modeled in the *baseline building design*.

G3.1.1.2 Purchased Chilled Water. For systems using purchased chilled water, the cooling source shall be modeled as purchased chilled water in both the proposed and baseline building designs. Purchased chilled water costs shall be based on actual utility rates and on-site chillers and direct expansion equipment shall not be modeled in the *baseline building design*.

G3.1.1.3 *Baseline* HVAC System Requirements for Systems Utilizing Purchased Chilled Water and/or Purchased Heat. If the *proposed building design* uses purchased chilled water and/or purchased heat, the following modifications to the Baseline HVAC System Types in Table G3.1.1B shall be used:

> **G3.1.1.3.1 Purchased Heat Only.** If the *proposed building design* uses purchased heat, but does not use purchased chilled water, then Table G3.1.1A and Table G3.1.1B shall be used to select the Baseline HVAC System Type, with the modifications listed below:

Purchased heat shall be substituted for the Heating Type in Table G3.1.1B. The same heating source shall be used in the *proposed* and *baseline building design*.

G3.1.1.3.2 Purchased Chilled Water Only. If the *proposed building design* uses purchased chilled water, but does not use purchased heat, then Table G3.1.1A and Table G3.1.1B shall be used to select the Baseline HVAC System Type, with the modifications listed below:

Purchased chilled water shall be substituted for the Cooling Types in Table G3.1.1B.

System 1 & 2 shall be constant volume fan coil units with fossil fuel boiler(s).

System 3 & 4 shall be constant volume single zone air handlers with fossil fuel furnace(s).

System 7 shall be used in place of System 5.

System 8 shall be used in place of System 6.

G3.1.1.3.3 Purchased Chilled Water and Purchased Heat. If the *proposed building design* uses purchased chilled water and purchased heat, then Table G3.1.1A and Table G3.1.1.B shall be used to select the Baseline HVAC System Type, with the following modifications:

Purchased heat and purchased chilled water shall be substituted for the Heating Types and Cooling Types in Table G3.1.1B.

System 1 shall be constant volume fan coil units.

System 3 shall be constant volume single zone air handlers.

System 7 shall be used in place of System 5.

G3.1.1.3.4 On-site Distribution Pumps. All on-site distribution pumps shall be modeled in both the baseline and proposed designs.

TABLE G3.1.1A *Baseline* HVAC System Types

Building Type	Fossil Fuel, Fossil/Electric Hybrid, & Purchased Heat	Electric and Other
Residential	System 1 – PTAC	System 2 - PTHP
Nonresidential & 3 Floors or Less & <25,000 ft2	System 3 – PSZ-AC	System 4 – PSZ-HP
Nonresidential & 4 or 5 Floors & <25,000 ft2 or 5 Floors or Less & 25,000 ft2 to 150,000 ft2	System 5 - Packaged VAV w/ Reheat	System 6 - Packaged VAV w/PFP Boxes
Nonresidential & More than 5 Floors or >150,000 ft2	System 7 - VAV w/Reheat	System 8 - VAV w/PFP Boxes

Notes:
Residential building types include dormitory, hotel, motel, and multifamily. Residential space types include guest rooms, living quarters, private living space, and sleeping quarters.
Other building and space types are considered nonresidential.
Where no heating system is to be provided or no heating energy source is specified, use the "Electric and Other" heating source classification.
Where attributes make a building eligible for more than one *baseline* system type, use the predominant condition to determine the system type for the entire building.
For laboratory spaces with a minimum of 5000 cfm of exhaust, use system type 5 or 7 and reduce the exhaust and makeup air volume to 50% of design values during unoccupied periods. For all-electric buildings, the heating shall be electric resistance.

TABLE G3.1.1B *Baseline* System Descriptions

System No.	System Type	Fan Control	Cooling Type	Heating Type
1. PTAC	Packaged terminal air conditioner	Constant Volume	Direct Expansion	Hot Water Fossil Fuel Boiler
2. PTHP	Packaged terminal heat pump	Constant Volume	Direct Expansion	Electric Heat Pump
3. PSZ-AC	Packaged rooftop air conditioner	Constant Volume	Direct Expansion	Fossil Fuel Furnace
4. PSZ-HP	Packaged rooftop heat pump	Constant Volume	Direct Expansion	Electric Heat Pump
5. Packaged VAV w/ Reheat	Packaged rooftop variable air volume with reheat	VAV	Direct Expansion	Hot Water Fossil Fuel Boiler
6. Packaged VAV w/PFP Boxes	Packaged rooftop variable air volume with reheat	VAV	Direct Expansion	Electric Resistance
7. VAV w/Reheat	Packaged rooftop variable air volume with reheat	VAV	Chilled Water	Hot Water Fossil Fuel Boiler
8. VAV w/PFP Boxes	Variable air volume with reheat	VAV	Chilled Water	Electric Resistance

Note: For purchased chilled water and purchased heat, see G3.1.1.3.

G3.1.3.7 Type and Number of Chillers (Systems 7 and 8). Electric chillers shall be used in the *baseline building design* regardless of the cooling energy source, e.g., direct-fired absorption or absorption from purchased steam. The *baseline building design's* chiller plant shall be modeled with chillers having the number and type as indicated in Table G3.1.3.7 as a function of building conditioned floor area.

Exception: Systems using purchased chilled water shall be modeled in accordance with Section G3.1.1.3.

Modify G3.1.3.5, G3.1.3.6, and G3.1.3.10 as follows

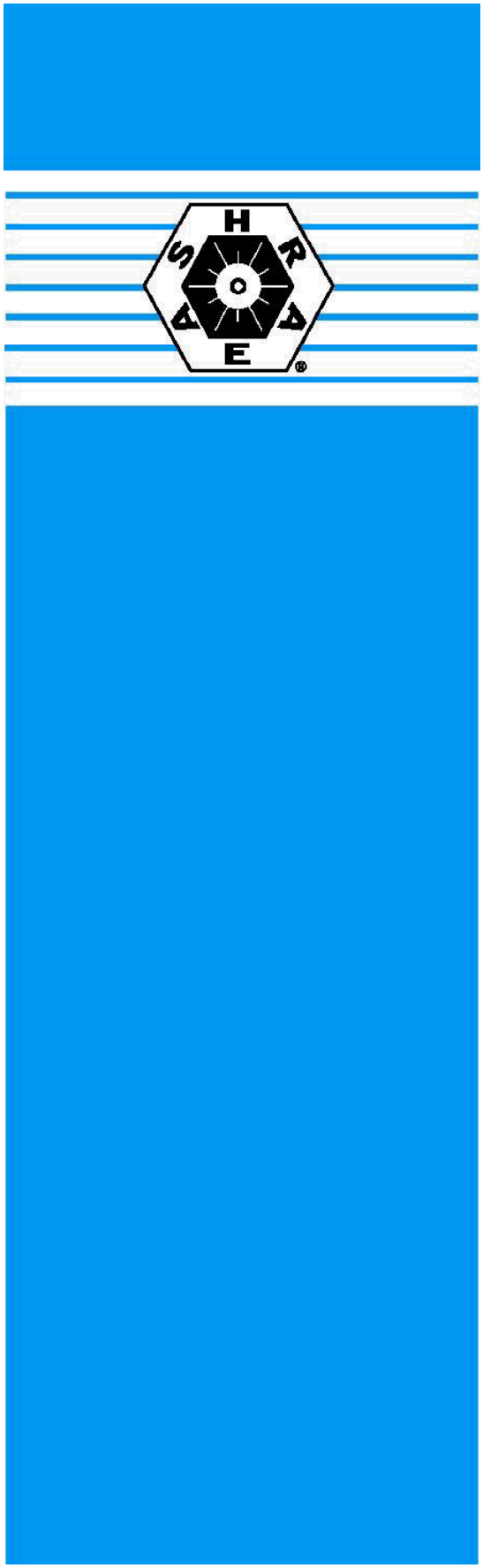
G3.1.3.5 Hot Water Pumps ~~(Systems 1, 5, and 7)~~

Exception to G3.1.3.5 The pump power for systems using purchased heat shall be 14 W/gpm.

G3.1.3.6 Piping Losses ~~(Systems 1, 5, and 7)~~

G3.1.3.5 Chilled Water Pumps ~~(Systems 1, 5, and 7)~~

Exception to G3.1.3.10 The pump power for systems using chilled water shall be 16 W/gpm.



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*

Second Public Review (March 2009) (Draft Shows Proposed Changes to Current Standard)

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FOREWORD

This proposed addendum modifies the requirements of section 9.1.2 Lighting Alterations.

All new controls must meet the specific control of the section.

The proposal increases the stringency of the requirements by -

a. *Expanding the scope of the alterations requirements to include exterior lighting systems*
b. *Lowering the threshold of application (50% to 10%)*
c. *Expanding the scope to include lamp plus ballast renovations*

This proposed addendum replaces the previous public review draft of addendum "av" in its entirety.

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Addendum av to 90.1-2007

Modify the Standard as follows (IP and SI Units)

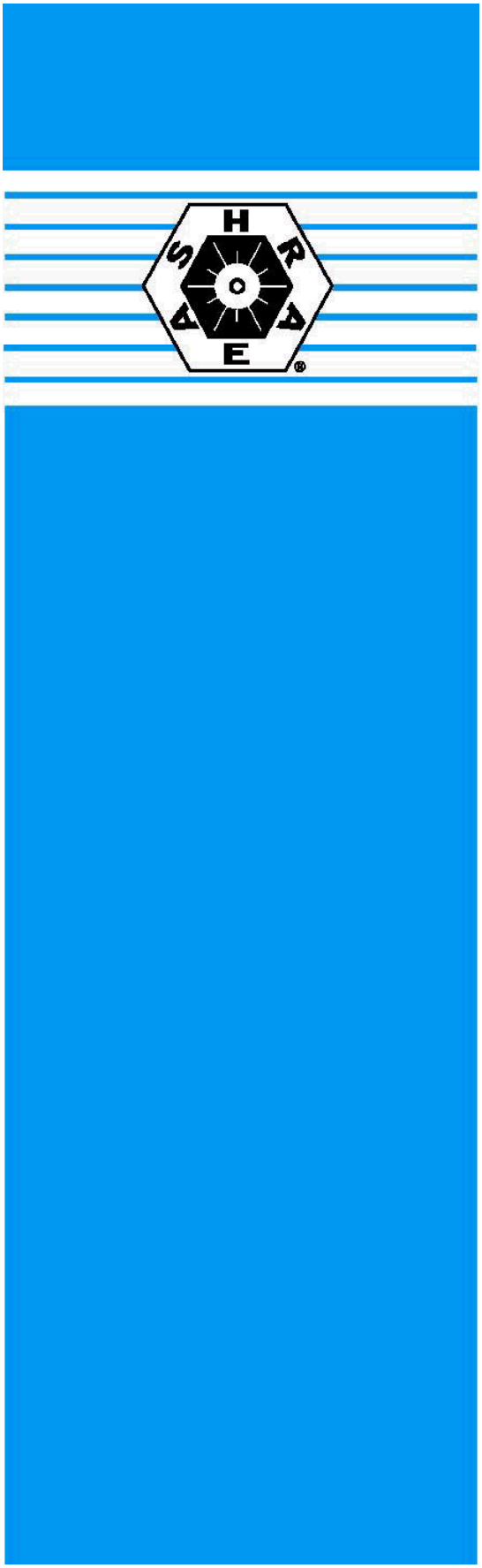
9.1.2 Lighting Alterations.

9.1.2.1 The ~~replacement~~ *alteration* of lighting *systems* in any building space or exterior area shall comply with the ~~LPD~~ *lighting power density (LPD)* requirements of Section 9 applicable to that space or area. Such *alterations* shall include all *luminaires* that are added, replaced or removed. This requirement shall also be met for *alterations* that involve just the *lamps* plus *ballasts*. *Alterations* do not include routine maintenance or repair situations~~. New lighting *systems* shall comply with the applicable LPD requirements of Section 9. 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 replace less than 50% of the *luminaires*~~

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 ~~interior lighting power~~ *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 ay to ANSI/ASHRAE/IESNA Standard 90.1-2007

Public Review Draft

ASHRAE® Standard

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FOREWORD

The current language specifies the application of space LPDs based on spaces surrounded by ceiling height partitions or walls only. This change more correctly requires users to identify spaces by function and is consistent with a previous interpretation. It is expected that the net energy result will be positive.

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Addendum "ay" to 90.1-2007

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

9.6.1 Space-by-Space Method of Calculating Interior Lighting Power Allowance. Use the following steps to determine the *interior lighting power allowance* by the Space-by-Space Method:

~~a. Determine the appropriate building type from Table 9.6.1. For building types not listed, selection of a reasonably equivalent type shall be permitted.~~

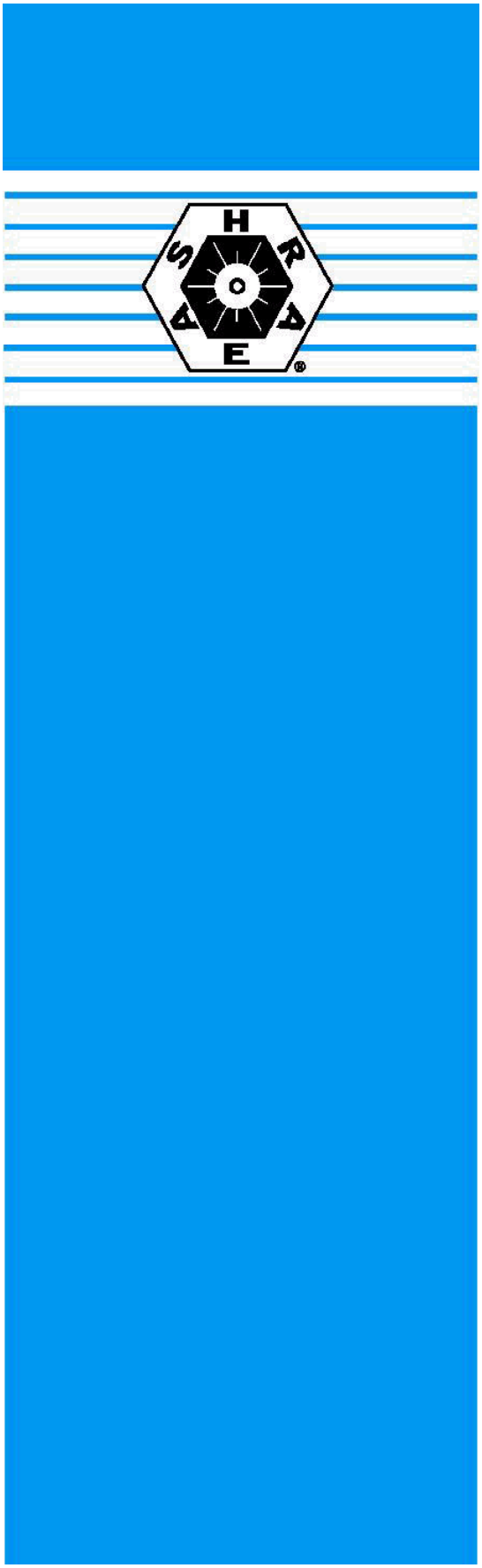
~~b. For each space enclosed by partitions 80% or greater than ceiling height, determine the gross interior floor area by measuring to the center of the partition wall. Include the floor area of balconies or other projections. Retail spaces do not have to comply with the 80% partition height requirements.~~

~~c. Determine the *interior lighting power allowance* by using the columns designated Space-by-Space Method in Table 9.6.1. Multiply the floor area(s) of the space(s) times the allowed *LPD* for the space type that most closely represents the proposed use of the space(s). The product is the *lighting power allowance* for the space(s). For space types not listed, selection of a reasonable equivalent category shall be permitted.~~

a. For each space enclosed by partitions that are 80% of the ceiling height or taller, determine the appropriate space type from Table 9.6.1. If a space has multiple functions, where more than one space type is applicable, that space shall be broken up into smaller subspaces, each using their own space type from Table 9.6.1. Any of these subspaces that are smaller in floor area than 20% of the original space and less than 1,000 ft^2 (300 m^2). need not be broken out separately. Include the floor area of balconies and other projections in this calculation.
b. In calculating the area of each space and subspace, the limits of the area are defined by the centerline of interior walls, the dividing line between subspaces and the outside surface of exterior walls.
c. Based on the space type selected for each space or subspace, determine the *lighting power allowance*

of each space or subspace by multiplying the calculated area of the space or subspace by the appropriate LPD determined in 9.6.1(a) above. For space types not listed, selection of a reasonable equivalent category shall be permitted.

d. The *interior lighting power allowance* is the sum of *lighting power allowances* of all spaces and subspaces. Trade-offs among spaces and subspaces are permitted provided that the total *installed interior lighting power* does not exceed the *interior lighting power allowance*.



BSR/ASHRAE/IESNA Addendum az
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Public Review Draft

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FOREWORD

Lighting controls must be functionally tested to ensure their proper use and appropriate energy savings. There are numerous examples of lighting controls being improperly used or disabled when they are not properly tested for functionality.

***Energy Savings**:*

- *5-15% according to Advanced Sensors and Controls for Building Applications: Market Assessment and Potential R&D Pathways. April 2005. Pacific Northwest National Lab for DOE.*
- *10-15% according to Managing Energy Costs in Retail Buildings. E Source. 2002.*
- *HMG sidelighting study and toplighting studying.*

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Addendum "az" to 90.1-2007

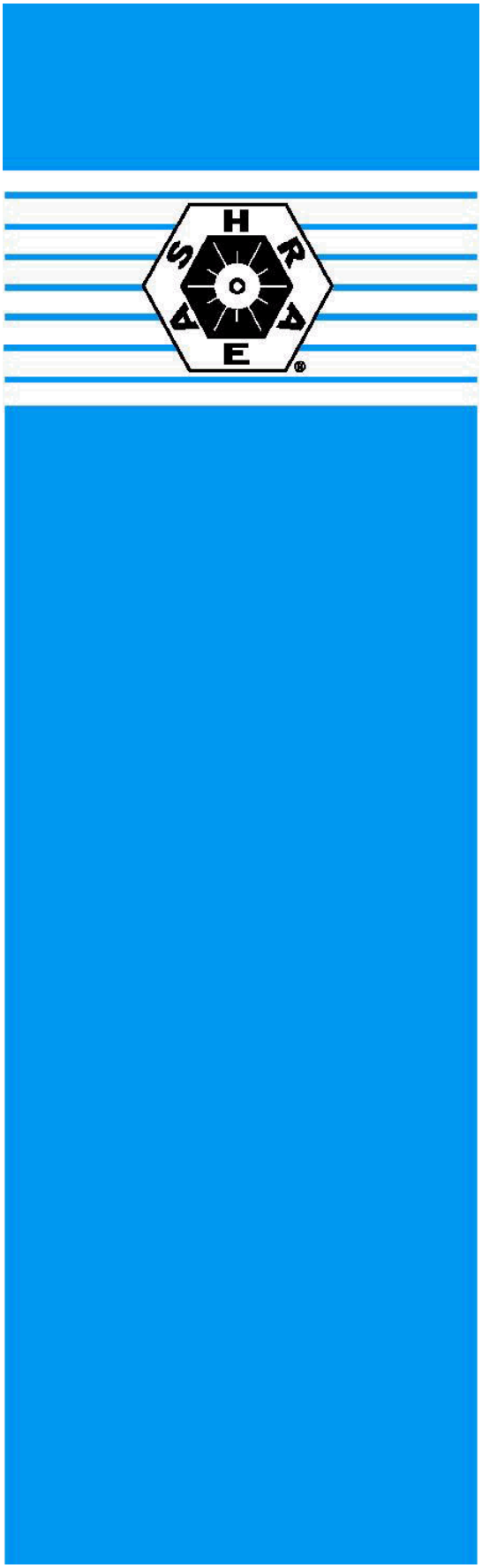
Revise the Standard as follows (I-P and S-I units)

9.4.6 Functional Testing. Lighting controls shall be tested prior to occupancy to ensure that control elements are calibrated, adjusted, and in proper working condition in accordance with the construction documents and manufacturer's installation instructions. When *occupant sensors*, *time switches*, or *photosensors* are used, the following functionality testing shall be performed:

a. Confirm that the sensitivity and time-out adjustments for occupant sensors yield acceptable performance (i.e. lights turn off only after space is vacated).
b. Confirm that the time switches are programmed to turn the lights off.

c. Confirm that photosensor controls reduce electric light levels 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.



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FOREWORD

The pipe insulation levels in the standard assume that the pipes have minimal thermal resistance. This assumption is not true for all piping systems in the market. This addendum allows a system performance option that allows compensating for the insulating value of the piping while maintaining the same net thermal requirements. The differences are not significant enough to modify the insulation thicknesses for most common applications, but become significant for thick non-metallic pipes with small required insulation thicknesses.

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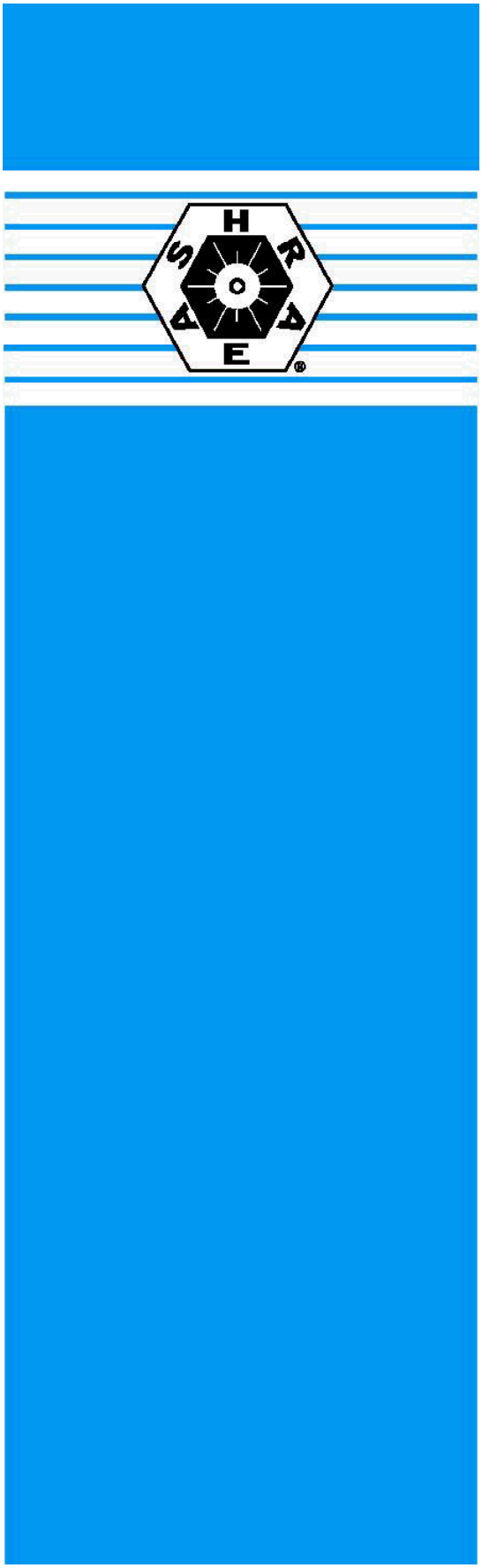
Addendum ba to 90.1-2007

Add footnote (e) to Table 6.8.3 as follows (SI and IP):

(e) The table is based on steel pipe. Non-metallic pipes schedule 80 thickness or less shall use the table valves. For other non-metallic pipes having thermal resistance greater than that of steel pipe, reduced insulation thicknesses are permitted if documentation is provided showing that the pipe with the proposed insulation has no more heat transfer per foot than a steel pipe of the same size with the insulation thickness shown in the table.



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

Public Review Draft

ASHRAE® Standard

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

First Public Review (March 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, use the comment form and instructions provided with this draft. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE web site) remains in effect. The current edition of any standard may be purchased from the ASHRAE Bookstore @ http://www/ashrae.org or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

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

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

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FOREWORD

This addendum clarifies that the requirements in Section 5.5.4.2.3 are also specified for unconditioned spaces.

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Addendum bc to 90.1-2007

Revise Section 5.1 as follows:

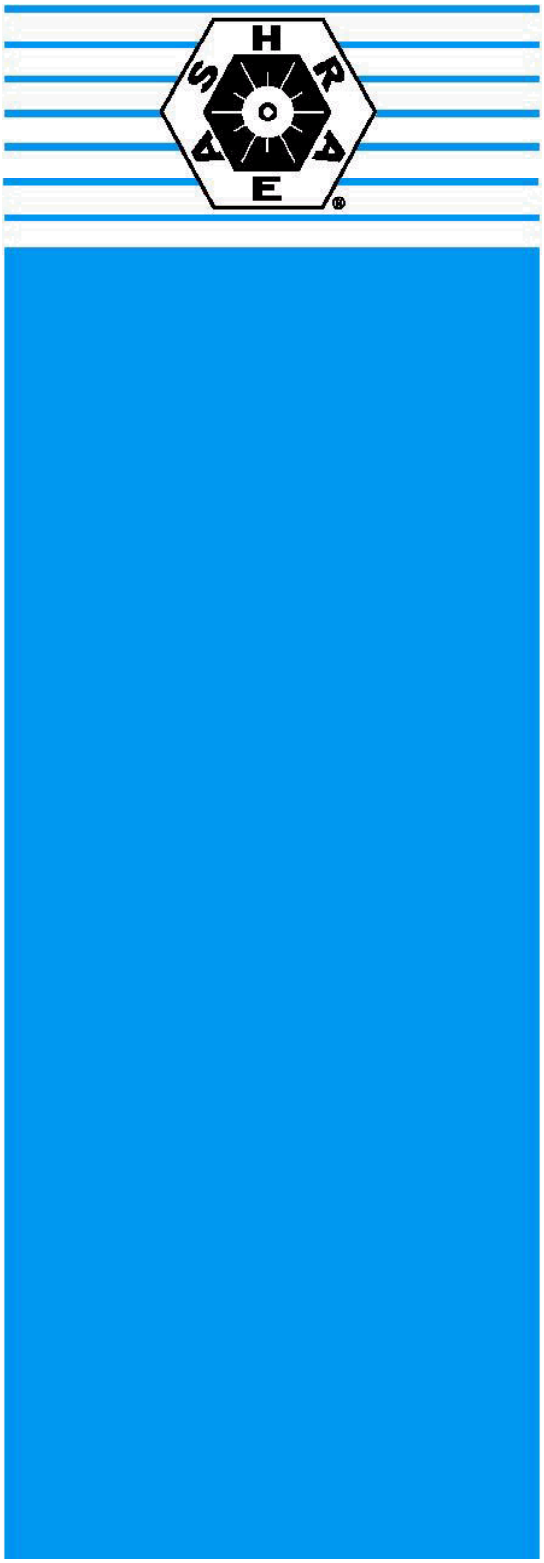
5.1 General

5.1.1 Scope. Section 5 specifies requirements for the *building envelope.*

5.1.2 Space-Conditioning Categories

5.1.2.1 Separate *exterior building envelope* requirements are specified for each of three categories of conditioned space: (a) *nonresidential conditioned* space, (b) *residential conditioned* space, and (c) *semiheated* space

5.1.2.2 The minimum skylight area requirements in Section 5.5.4.2.3 are also specified for *unconditioned* spaces.



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

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FOREWORD

This change removes emergency circuits not used for normal building operation from the requirements which will lead to increased compliance. The change:

- *Allows for an increased conformance/use of the 90.1 standard by eliminating issues of impracticality of feeder drop requirements for emergency circuits*
- *provides significant initial cost savings*

Current Section Reads…….
8.4.1.1 Feeders. Feeder conductors shall be sized for a maximum voltage drop of 2% at design load.
8.4.1.2 Branch Circuits. Branch Circuit conductors shall be sized for a maximum voltage drop of 3% at design load.

This would make ***Section 8****. consistent with the basis of exception* ***a.*** *to* ***9.1.1*** *This would allow feeders such as those installed and dedicated for emergency use only [not normally energized], to be an exception to the requirements of this section. (specific cost implication in high rise construction, utilizing secondary EM risers/feeders for generators operation)*

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Addendum bd to 90.1-2007

Add Exception to 8.4.1 as follows:

Exception to 8.4.1 *Feeder conductors* and *branch circuits* that are dedicated to emergency services.

NSF/ANSI 50
Equipment for swimming pools, spas, hot tubs, and other recreational water facilities

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4 Design and construction

This section contains general requirements that apply to all equipment covered under the scope of this Standard.

4.1 Mechanical parts

4.1.1 Installation of piping, valves, and fittings

If circulation system components are not supplied with the required piping, valves, and fittings installed, the manufacturer shall provide a piping diagram, a parts list, and installation procedures.

4.1.2 Assembly

Piping assemblies shall be capable of being disassembled for maintenance and repair.

4.1.3 Closing and sealing devices

Mechanical clamps, gaskets, and sealing devices shall not leak when subjected to the applicable pressure requirements.

4.1.4 Suction fittings

Suction fittings that are designed to be totally submerged for use in swimming pools and spa/hot tubs shall conform to ANSI/ASME A112.19.8, as well as the material requirements of Section 3 of this standard.

4.1.5 PVC Hose

Helix or fabric reinforced flexible PVC hose for use on circulation piping in pools, hot tubs, spas, and jetted bathtub units shall conform to IAPMO PS-33, the 20,000 cycle strength test in accordance with the methodology outlined in Annex B.1.4, section D (as applied to hose), and ~~as well as to~~ the material requirements of Section 3 of this standard.

4.1.6 Safety Vacuum Release Systems (SVRS)

Manufactured Safety Vacuum Release Systems (SVRS) shall comply with ASTM F2387 and/or ASME A112.19.17 and the material requirements of Section 3 of this standard.

4.2 Electrical components

Electrical components shall conform to the applicable requirements of the National Electrical Code (NEC).

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[Proposed changes new to this revision are underlined in addition to the highlight]

NSF International Standard for Dietary Supplements —
Dietary supplements

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-
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6.2.5 Quality assurance for quantitative test methods

Many of the quantitative test methods for dietary supplement samples are performed utilizing chromatographic procedures. The typical quality assurance criteria that are applied are described in the following sections, however, some methods may have unique criteria which would be defined within the laboratory standard operating procedures or other reference method. For example, non-chromatographic test methods (such as titration and potentiometric techniques, uv-visible and gravimetric procedures, micro-assays, etc.) would employ quality assurance steps as applicable to the situation.

6.2.5.1 Calibration

Quantification test methods shall be performed using well characterized reference standards as calibration standards. The standards are typically purchased as single chemicals with greater than 95% purity. If a high-purity standard is not available, a lower-purity material shall be used if there is a means by which the actual purity can be measured (e. g., uv absorbance).

6.2.5.1.1 Multi-level calibration curves

Multi-level calibration curves shall be prepared with a minimum of three concentration levels such that any sample preparations under evaluation would be bracketed by a calibration standard. Curves shall give a correlation coefficient (r) $\geq$0.995, r^2>0.990..

6.2.5.1.2 Single-level calibrations

If a single level calibration is employed, the standard shall be run in triplicate and the relative standard deviation of the peak area for these runs shall not exceed 2%. The detector response of the prepared sample shall be within 90% -%110 of that of the standard.

6.2.5.1.3 Blanks

A method/reagent blank shall be included in each analytical run. The blank response for the analyte of interest shall not be greater than one half the response of the lowest calibration standard for multi-level calibration curves. For single-level calibrations, the blank response for the analyte of interest shall not exceed 5% of the sample response.

6.2.5.1.4 Repeatability/accuracy

All matrices for which the laboratory has not previously performed repeatability studies shall be prepared in triplicate.

To assess accuracy, analysis of a certified reference material (CRM) or in-house control material (traceable to a CRM if possible) may be used if the available CRM matrices or in-house controls represent a good match to the sample matrix. An average recovery value in the range of 90-110% of the CRM or control assigned values would be preferred; average recovery values outside this range would be acceptable if the result is considered to be within the estimated uncertainty of the method.

When the sample represents a unique matrix, two additional preparations shall be spiked with the reference standard(s) to assess recovery. Spiking of the analyte does not truly represent incorporation of the analyte in the same way as a naturally occurring analyte and therefore good recoveries cannot predict the accuracy of the method. Nonetheless, poor recoveries would be indicative that the method is not valid for the sample being analyzed and method modifications would typically be necessary in order to lead to reportable results. In general, an average recovery value in the range of 70-130% of the theoretical spike value is considered acceptable.

The reproducibility between the two spiked samples as measured by relative percent difference (RPD) shall be no greater than 20%. The reproducibility of the method is also evaluated by the percent relative standard deviation (%RSD) of the triplicate sample preparations which should not exceed 25%.

6.2.5.1.5 Continuing Calibration Verification (CCV)

In order to assess instrument stability, a Continuing Calibration Verification (CCV) or bracketing standard shall be ran at the end of the run. If the run exceeds 10 sample preparations, an additional CCV must be ran after every 10 sample preparations. The result for the CCV shall be between 80-120% of the theorectical standard value. CCV standards, which are run to confirm an existing calibration must show a result of 90-110% to perform subsequent testing against this curve. If the result falls outside this range, a new calibration shall be run.

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Standard for High-Efficiency, Particulate, Air Filter Units, BSR/UL 586

PROPOSAL

8.2.1 As a confirmation of results of tests by the manufacturer, three samples from each line of filter units having similar design and construction are to be tested at ~~one of the following locations~~ Air Techniques Incorporated, 1708 Whitehead Road, Suite 104, Baltimore, Maryland for compliance with the requirements in 8.1.1:

~~a) Oak Ridge Filter Test Facility, Oak Ridge, Tennessee.~~

~~b) Rocky Flats Test Facility, Golden, Colorado.~~

Standard for Electric Duct Heaters, BSR/UL 1996

PROPOSAL

23.5 A thermal cutoff shall comply with the Standard for Thermal-Links – Requirements and Application Guide, UL 60691. A manual or automatic resetting thermal protector shall have an endurance rating of not less than 6000 cycles, and shall comply with the requirements in the Standard for Temperature Indicating and Regulating Equipment, UL 873, pertaining to the calibration of temperature-limiting controls.

Exception: A type-2 action thermal cut-out, as specified in the Standard for Automatic Electrical Controls for Household and Similar Use, Part 1: General Requirements, UL 60730-1A and the Standard for Automatic Electrical Controls for Household and Similar Use; Part 2: Particular Requirements for Temperature Sensing Controls, UL 60730-2-9, is considered to comply with the requirements of UL 873.

24.3.2 The temperature-limiting controls shall comply with the applicable requirements of the Standard for Limit Controls, UL 353.

Exception: A type-2 action thermal cut-out, as specified in the Standard for Automatic Electrical Controls for Household and Similar Use, Part 1: General Requirements, UL 60730-1A and the Standard for Automatic Electrical Controls for Household and Similar Use; Part 2: Particular Requirements for Temperature Sensing Controls, UL 60730-2-9, is considered to comply with the requirements of UL 353.