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

* Standard for consumer products

ISSN 0038-9633

Comment Deadline: October 16, 2011

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

Addenda

BSR/ASHRAE Addendum 34x-201x, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)

Clarifies the conditions for bubble point in Sections B2.4.1 and B2.4.2 of Normative Appendix B.2, Fractionation Analysis.

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 www.ashrae.org/publicreviews

BSR/ASHRAE Addendum 34p-201x, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)

Adds new azeotropic refrigerant 512A 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 www.ashrae.org/publicreviews

BSR/ASHRAE Addendum 34q-201x, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)

Adds new zeotropic refrigerant 442A 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 www.ashrae.org/publicreviews

BSR/ASHRAE Addendum 34r-201x, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)

Adds toxicity Code Classification assignments for refrigerants R-421B to R-433A (inclusive), R-601a, and R-227ea to Tables 1 and 2.

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 www.ashrae.org/publicreviews

BSR/ASHRAE Addendum 34s-201x, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)

Adds missing RCL data for R-600 in Table 1 and corrects significant figures for RCL data for R1270, R-436B, and R-437A in Tables 1 and 2.

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 www.ashrae.org/publicreviews

BSR/ASHRAE Addendum 34t-201x, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)

Clarifies the definitions of lowest observed effect level (LOEL) and no-observed-effect level (NOEL) to be consistent as applied in this 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 www.ashrae.org/publicreviews

BSR/ASHRAE Addendum 34u-201x, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)

Clarifies 7.3, Requirements for Data Calculations, and 9.6, Toxicity Information, for consistency.

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 www.ashrae.org/publicreviews

BSR/ASHRAE Addendum 34v-201x, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)

Removes the term toxic concentration factors (TCFs) from Informative Appendix G, Calculation of RCL and ATEL for Blends.

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 www.ashrae.org/publicreviews

BSR/ASHRAE Addendum 34w-201x, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)

Modifies the definition of Workplace Environmental Exposure Level (WEEL) and adds a reference for AIHA WEEL.

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 www.ashrae.org/publicreviews

BSR/ASHRAE Addendum 34y-201x, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2010)

Better defines the experimental verification of models used to identify the WCFF fractionated compositions, and allows vapor-liquid equilibrium (VLE) data only to be used for experimental verification.

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 www.ashrae.org/publicreviews

BSR/ASHRAE Addendum 62.1f-201x, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2010)

Some users of 62.1 believe that the ventilation rate procedure is 'too complicated.' 62.1 disagrees with this in most cases - the basics of the VRP are quite straightforward. The SSPC agrees that application of the multiple-zone recirculating system equations described in 6.2.5 and Appendix A can be complex. This proposed addendum provides an additional default value for Vpz. However, assumptions embodied in this simplification are necessarily conservative, and that resulting outdoor air intake flow rates will normally be higher than those that might be achieved using the existing procedures.

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 62.1h-201x, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2010)

Standard 62.1-2010, Table 6-1, includes ventilation rates for 'Sports arena (play area)' and 'Gym, stadium (play area).' Both space types have ventilation rates based on floor area only, the per person rate is zero. Users of the standard have expressed interest in applying demand controlled ventilation to these space types, which is effectively prohibited by the lack of a per person component to the ventilation rate. This proposed addendum replaces both of these space types with 'Gym, Sports Arena (play area)', with Rp = 20 cfm/person and Ra = 0.06 cfm/ft2.

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-201x, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2010)

This is the second public review of proposed Addendum f with changes based on a comment from the first public review. These proposed changes were made to extend the application range of Table 5.3 and to include some updated values based on newer data.

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

Allows salvaged material content to be added to the recycled content requirement of 9.4.1 (Reduced Impact Materials).

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

Deletes the ENERGY STAR requirements and requires compliance with the NEMA standard in residential spaces in section 7.4.7 (Other Equipment).

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

IAPMO (Z) (International Association of Plumbing & Mechanical Officials)

New Standards

* BSR/CSA B45.11/IAPMO Z401-201x, Glass Plumbing Fixtures (new standard)

Covers lavatories and sinks made of glass and specifies test methods, performance requirements, and marking requirements.

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

Send comments (with copy to BSR) to: Abraham Murra, (909) 472-4106, abraham.murra@iapmort.org

NSF (NSF International)

Addenda

* BSR/NSF 42-201x (i72), Drinking Water Treatment Units - Aesthetic Effects (addenda to ANSI/NSF 42-2010)

Removes the retesting requirement for contaminants that exceed the non-health based advisory concentration under Section 4.2.3.6.

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

Send comments (with copy to BSR) to: Monica Leslie, (734) 827-5643, mleslie@nsf.org

* BSR/NSF 44-201x (i34), Residential Cation Exchange Water Softeners (addenda to ANSI/NSF 44-2009)

Removes the retesting requirement for contaminants that exceed the non-health based advisory concentration under Section 4.2.3.6.

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

Send comments (with copy to BSR) to: Monica Leslie, (734) 827-5643, mleslie@nsf.org

* BSR/NSF 53-201x (i84), Drinking water treatment units - Health effects (addenda to ANSI/NSF 53-2010)

Removes the retesting requirement for contaminants that exceed the non-health based advisory concentration under Section 4.2.3.6.

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

Send comments (with copy to BSR) to: Monica Leslie, (734) 827-5643, mleslie@nsf.org

* BSR/NSF 55-201x (i34), Ultraviolet microbiological water treatment systems (addenda to ANSI/NSF 55-2009)

Removes the retesting requirement for contaminants that exceed the non-health based advisory concentration under Section 4.2.3.6.

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

Send comments (with copy to BSR) to: Monica Leslie, (734) 827-5643, mleslie@nsf.org

* BSR/NSF 58-201x (i59), Reverse osmosis drinking water treatment systems (addenda to ANSI/NSF 58-2011)

Removes the retesting requirement for contaminants that exceed the non-health based advisory concentration under Section 4.2.3.6.

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

Send comments (with copy to BSR) to: Monica Leslie, (734) 827-5643, mleslie@nsf.org

* BSR/NSF 62-201x (i23), Drinking water distillation systems (addenda to ANSI/NSF 62-2009)

Removes the retesting requirement for contaminants that exceed the non-health based advisory concentration under Section 4.2.3.6.

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

Send comments (with copy to BSR) to: Monica Leslie, (734) 827-5643, mleslie@nsf.org

* BSR/NSF 305-201x (i11), Personal Care Products Containing Organic Ingredients (addenda to ANSI/NSF 305-2011)

Issue 11: Incorporates additional requirements on the percent organic contribution from EU-certified ingredients and to ensure truth in labeling for products containing EU-certified ingredients in ANSI/NSF 305.

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

Send comments (with copy to BSR) to: Joan Hoffman, (734) 769-5159, jhoffman@nsf.org

UL (Underwriters Laboratories, Inc.)

New Standards

* BSR/UL 2089-201x, Standard for Safety for Vehicle Battery Adapters (Proposal dated 9-16-11) (new standard)

Provides revisions to the proposed third edition of UL 2089.

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

Single copy price: Contact comm2000 for pricing and delivery options

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

Addenda

BSR/UL 561-201x, Standard for Safety for Floor-Finishing Machines (Proposal dated 9/16/11) (addenda to ANSI/UL 561-2010)

Covers Recommended Failure Rate, Revised 16A.4.3.

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

Single copy price: Contact comm2000 for pricing and delivery options

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

BSR/UL 746B-201x, Standard for Safety for Polymeric Materials - Long Term Property Evaluations (addenda to ANSI/UL 746B-2011)

Covers the proposed generic thermal index for poly (TFE/HFP/VDF).

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

Single copy price: Contact comm2000 for pricing and delivery options

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

BSR/UL 817-201x, Standard for Safety for Cord Sets and Power-Supply Cords (addenda to ANSI/UL 817-2009)

Revises the requirements for an alternate method of securing the load fitting to a shore power inlet.

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

Single copy price: Contact comm2000 for pricing and delivery options

Send comments (with copy to BSR) to: Patricia Sena, (919) 549-1636, patricia.a.sena@us.ul.com

BSR/UL 1004-2-201x, Standard for Safety for Impedance Protected Motors (Proposal dated 9-16-11) (addenda to ANSI/UL 1004-2-2010)

Revises the requirements for alternate insulation system materials.

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

Single copy price: Contact comm2000 for pricing and delivery options

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

BSR/UL 1004-3-201x, Standard for Safety for Thermally Protected Motors (Proposal dated 9-16-11) (addenda to ANSI/UL 1004-3-2010)

Revises the requirements for alternate insulation system materials.

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

Single copy price: Contact comm2000 for pricing and delivery options

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

BSR/UL 1008-201x, Standard for Safety for Transfer Switch Equipment (Proposal dated 9/16/11) (addenda to ANSI/UL 1008-2011)

(1) Allows the use of 90 deg wire on circuit breaker type transfer systems at ratings of 400 A and below, revised Table 34.1; and
(2) Allows ventilated enclosures using circuit breaker elements at 400 A or more rather than at the present 800 A level, revised 6.3.1.

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

Single copy price: Contact comm2000 for pricing and delivery options

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

Comment Deadline: October 31, 2011

ASABE (American Society of Agricultural and Biological Engineers)

New National Adoptions

BSR/ASABE AD8759-1-201x, Agricultural wheel tractors - Front-mounted equipment - Part 1: Power take-off and three-point linkage (national adoption with modifications and revision of ANSI/ASABE/ISO 8759-1-2010)

Specifies dimensions and requirements for power take-off and for front three-point linkages in association with a power lift for the attachment of implements or equipment to the front of agricultural wheeled tractors. This standard is not applicable to tractors that are designed to run in two directions, where either end can be considered to be the front or rear.

Single copy price: $52.00

Obtain an electronic copy from: vangilder@asabe.org

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

Send comments (with copy to BSR) to: Same

Revisions

BSR/ASABE S584.2-201x, Agricultural Equipment: Speed Identification Symbol (SIS) (revision and redesignation of ANSI/ASAE S584.1-2006)

Identifies agricultural equipment (implements of husbandry) that have been designed in their original equipment configuration for specified ground speeds greater than 40 km/h (25 mile/h) but under 65 km/h (40 mile/h).

Single copy price: $52.00

Obtain an electronic copy from: vangilder@asabe.org

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

Send comments (with copy to BSR) to: Same

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

Addenda

BSR/ASHRAE Addendum 62.1g-201x, Ventilation for Acceptable Indoor Air Quality (addenda to ANSI/ASHRAE Standard 62.1-2010)

Adds language directing the user to select the space type that is most similar to the space in question from either Table 6-1 or 6-4, and to design the ventilation for the space according to the Section 6.2 or 6.5, as appropriate. Along with this proposed change, the guidance for determining the appropriate value for zone population, Pz, was moved ahead of Equation 6-1, allowing it to be referenced in the description of Pz, rather than having that description contain abbreviated guidance.

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 62.2j-201x, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2010)

Adds new definitions, revises Sections 6 and 7, and adds a new Section 8 with requirements specific to multifamily buildings. The proposed changes to requirements account for unique features of multifamily buildings compared to single-family buildings and include adjusting the whole building ventilation rate due to the fact that infiltration cannot be relied on for individual units in multifamily buildings, provision of ventilation to common spaces and common parking garages, which do not exist in single-family buildings, and prevention of contaminant transfer from other units through walls or ducts.

Single copy price: $35.00

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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 62.2k-201x, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2010)

Clarifies the difference between intermittent whole-house ventilation and intermittently operating local exhaust ventilation by adding a definition for intermittent ventilation and revising the language in Sections 5 and 7 to refer to demand controlled local exhaust.

Single copy price: $35.00

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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 62.2m-201x, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2010)

Deletes Section 4.1.2, Alternative Ventilation, which allows for “other methods” to be used to provide the required ventilation rates but provides no guidance. The proposed addendum adds a new Section 4.6, Equivalent Ventilation, which along with a new definition for annual exposure, provides a basis for alternative ventilation system designs by requiring that they provide the same or lower annual exposure as would be provided by complying with Section 4.1.

Single copy price: $35.00

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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 62.2n-201x, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2010)

Incorporates a revised method of calculating infiltration airflow using normalized leakage, with a revised height adjustment exponent, and a new Appendix that includes weather and shielding factor (WSF) values. This infiltration air flow rate would then be used to determine the required mechanical ventilation fan flow rate requirement for meeting the standard.

Single copy price: $35.00

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Order from: standards.section@ashrae.org

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

ASME (American Society of Mechanical Engineers)

Revisions

BSR/ASME BPVC Section I-2011, Rules for Construction of Power Boilers (addenda to ANSI/ASME BPVC Revision: 2000 Addenda)

Covers rules for construction of power boilers, electric boilers, miniature boilers, high-temperature water boilers, heat recovery steam generators, and certain fired pressure vessels to be used in stationary service and include those power boilers used in locomotive, portable, and traction service. The rules are applicable to boilers in which steam or other vapor is generated at a pressures of more than 15 psig (100 kPa) for use external to itself, and high temperature water boilers intended for operation at pressures exceeding 160 psig (1.1 MPa) and/or temperatures exceeding 250 degree F (120 degree C).

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: Umberto D’Urso, (212) 591-8535, dursou@asme.org

Addenda

BSR/ASME BPVC Section III-201x, Rules for Construction of Nuclear Facility Components (addenda to ANSI/ASME BPVC Section III-2011)

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

Single copy price: Free

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

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

Send comments (with copy to BSR) to: Matthew Vazquez, (212) 591 -8522, vazquezm@asme.org

BSR/ASME BPVC Section XI-201x, Rules for Inservice Inspection of Nuclear Power Plant Components (addenda to ANSI/ASME BPVC Section XI-2011)

Provides requirements for in-service inspection and testing of light-water cooled nuclear power plants. The requirements identify the areas subject to inspection, responsibilities, provisions for accessibility and inspectability, examination methods, and procedures, personnel qualifications, frequency of inspection, record keeping and report requirements, procedures for evaluation of inspection results and subsequent disposition of results of evaluations, and repair/replacement activity requirements, including procurement, design, welding, brazing, defect removal, fabrication, installation, examination, and pressure testing.

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: Ryan Crane, (212) 591-7004, craner@asme.org

BSR/ASME BPVC Section XII-2011, Rules for Construction and Continued Service of Transport Tanks (addenda to ANSI/ASME BPVC Section XII-2010)

Constitutes requirements for construction and continued service of pressure vessels for the transportation of dangerous goods via highway, rail, air, or water. Construction is an all-inclusive term comprising materials, design, fabrication, examination, inspection, testing, certification, and over-pressure protection. Continued service is an all-inclusive term referring to inspection, testing, repair, alteration, and recertification of a transport tank that has been in service.

Single copy price: Free

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

Send comments (with copy to BSR) to: Daniel Sharp, (212) 591-8538, sharpd@asme.org

ATIS (Alliance for Telecommunications Industry Solutions)

New Standards

BSR ATIS 0600015.06-201x, Energy Efficiency for Telecommunication Equipment:Methodology for Measurement and Reporting of Radio Base Station Metrics (new standard)

In a wireless access network, the Radio Base Stations (RBS) haves the highest cumulative energy consumption. This document defines Telecommunications Energy Efficiency Ratio (TEER) metric for a Radio Base Station. The TEER metric addresses RBS throughput per Watt of input power drawn by the RBS. With the application of this standard, the user will report the TEER metric as well as the required information within the reporting forms. This document also provides a RF Power Efficiency ratio within the measurement procedures. The testing methodology to obtain the data that contributes to the TEER metric is also addressed.

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

ECA (Electronic Components Association)

Revisions

BSR/EIA 364-02D-201x, Air Leakage Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-02C-1999 (R2006))

Establishes a method to determine the integrity of the seal of the shell, insert, and contact interfaces in an electrical connector.

Single copy price: $69.00

Obtain an electronic copy from: global.ihs.com

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

Send comments (with copy to BSR) to: Edward Mikoski, (703) 907-8023, emikoski@ecaus.org

BSR/EIA 364-35C-201x, Insert Retention Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-35B-1998 (R2006))

Establishes a method to determine the ability of an insert to withstand axial forces in electrical connectors.

Single copy price: $66.00

Obtain an electronic copy from: global.ihs.com

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

Send comments (with copy to BSR) to: Edward Mikoski, (703) 907-8023, emikoski@ecaus.org

BSR/EIA 364-50B-201x, Dust (Fine Sand) Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-50A-1998 (R2006))

Establishes a test method to ascertain the ability of fully wired connector assemblies to resist the effects of dry dust (fine sand) laden atmosphere

Single copy price: $66.00

Obtain an electronic copy from: global.ihs.com

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

Send comments (with copy to BSR) to: Edward Mikoski, (703) 907-8023, emikoski@ecaus.org

ISA (ISA)

New National Adoptions

BSR/ISA 62381-201x, Automation Systems in the Process Industry - Factory Acceptance Test (FAT), Site Acceptance Test (SAT), and Site Integration Test (SIT) (national adoption with modifications of ISO 62381)

Defines procedures and specifications for the Factory Acceptance Test (FAT), the Site Acceptance Test (SAT), and the Site Integration Test (SIT). These tests are carried out to prove that the automation system is in accordance with the specification.

Single copy price: $99.00

Obtain an electronic copy from: crobinson@isa.org

Order from: Charles Robinson, (919) 990-9213, crobinson@isa.org

Send comments (with copy to BSR) to: Same

NSF (NSF International)

New Standards

* BSR/NSF 358-201x, Plastic Piping System Components for Earth Energy (Geothermal) Systems (new standard)

Establishes minimum physical, performance, and quality control requirements for plastic piping system components and related materials for earth energy systems. This proposed standard will be separated into four separate ballot documents based on material types. This document, NSF 358-1, addresses products in Polyethylene (PE) systems.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/document.php?document_id=14312

Order from: Monica Leslie, (734) 827-5643, mleslie@nsf.org

Send comments (with copy to BSR) to: Same

PLASA (PLASA North America)

Revisions

BSR E1.25-201x, Recommended Basic Conditions for Measuring the Photometric Output of Stage and Studio Luminaires by Measuring Illumination Levels Produced on a Planar Surface (revision of ANSI E1.25-2006)

Describes the basic conditions for measuring the photometric output of stage and studio luminaries by a variety of testing methods that measure the illumination levels produced by the luminaires on a planar surface.

Single copy price: Free

Obtain an electronic copy from: http://tsp.plasa.org/tsp/documents/public_review_docs.php

Order from: Karl Ruling, (212) 244-1505, karl.ruling@plasa.org

Send comments (with copy to BSR) to: Same

TAPPI (Technical Association of the Pulp and Paper Industry)

New Standards

BSR/TAPPI T 1218 sp-201x, Calibration of reflectance standards for hemispherical geometry (new standard)

Describes the calibration of standards for hemispherical reflectance in relation to the theoretically perfect reflecting diffuser with an assigned value of unity.

Single copy price: Free

Obtain an electronic copy from: standards@tappi.org

Order from: Charles Bohanan, (770) 209-7276, standards@tappi.org

Send comments (with copy to BSR) to: Same

UL (Underwriters Laboratories, Inc.)

New Standards

BSR/UL 6142-201x, Standard for Safety for Small Wind Turbine Systems (new standard)

Proposes the First Edition of UL 6142, which consists of requirements for small wind turbine systems and electrical subassemblies intended for use in stand-alone (not grid-connected) or utility interactive applications.

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: Paul Lloret, (408) 754-6618, Paul.E.Lloret@us.ul.com

Addenda

* BSR/UL 943-201x, Standard for Safety for Ground-Fault Circuit-Interrupters (Bulletin dated September 16, 2011) (addenda to ANSI/UL 943-2010)

Covers:
- Abnormal Over Voltage Test;
- GFCI Grounded Neutral Test;
- Supervisory Circuit;
- Retractable GFCIs for use in a kitchen countertop;
- Annex A, Reference Standards;
- Formula for the maximum current for the High-Resistance Ground Fault Test;
- Test description for the Extra-Low-Resistance Ground Faults Test;
- GFCI self-test and power denial; and
- Scope revision to add counter-mounted GFCIs.

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: Edward Minasian, (631) 546-3305, Edward.D.Minasian@us.ul.com

VITA (VMEbus International Trade Association (VITA))

New Standards

BSR/VITA 60-201x, Alternative Connector for VPX (new standard)

Provides an alternative connector for use on VPX modules.

Single copy price: Free

Obtain an electronic copy from: techdir@vita.com

Send comments (with copy to BSR) to: techdir@vita.com

Comment Deadline: November 15, 2011

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

ASME (American Society of Mechanical Engineers)

New Standards

BSR/ASME PTC 31-201x, Ion Exchange Equipment (new standard)

Defines the procedures for the accurate field testing of High-Purity Water Treatment Systems for the purpose of determining level of performance. This Code is based on the use of accurate instrumentation and the best analytical and measurement procedures available. This Code is recommended for use in conducting acceptance tests of high-purity water treatment systems. If so used, any deviations from Code Procedure must be agreed upon in writing. In the absence of written agreement, the Code requirements shall be mandatory.

Single copy price: Free

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

Send comments (with copy to BSR) to: Angel Guzman, (212) 591-8018, guzman@asme.org

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.

IAPMO (Z) (International Association of Plumbing & Mechanical Officials)

Office: 5001 East Philadelphia Street
Ontario, CA 91761-2816

Contact: *Abraham Murra*

Phone: (909) 472-4106

Fax: (909) 472-4154

E-mail: abraham.murra@iapmort.org

BSR/CSA B45.11/IAPMO Z401-201x, Glass Plumbing Fixtures (new standard)

ISA (ISA)

Office: P.O. Box 12277
67 Alexander Drive
Research Triangle Park, NC 27709

Contact: *Charles Robinson*

Phone: (919) 990-9213

Fax: (919) 549-8288

E-mail: crobinson@isa.org

BSR/ISA 99.01.01-201x, Security for Industrial Automation and Control Systems: Terminology, Concepts, and Models (revision and redesignation of ANSI/ISA 99.00.01-2007)

BSR/ISA 99.02.01-201x, Security for Industrial Automation and Control Systems: Establishing an Industrial Automation and Control Systems Security Program (revision of ANSI/ISA 99.02.01-2009)

BSR/ISA 99.02.02-201x, Security for Industrial Automation and Control Systems: Operating an Industrial Automation and Control Systems Security Program (new standard)

BSR/ISA 99.04.01-201x, Security for Industrial Automation and Control Systems: Product Development Requirements (new standard)

BSR/ISA 99.04.02-201x, Security for Industrial Automation and Control Systems: Technical Security Requirements for IACS Components (new standard)

BSR/ISA 111.01-201x, Unified Automation for Buildings (new standard)

NWRA (National Windshield Repair Association)

Office: 385 Garrisonville Road, Suite 116
Stafford, VA 22554

Contact: *Katie Hodge*

Phone: (540) 720-7484

Fax: (540) 720-3470

E-mail: khodge@glass.com

BSR/NWRA 002-201x, Repair and/or scratch removal of architectural glass (new standard)

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Norcross, GA 30092

Contact: *Charles Bohanan*

Phone: (770) 209-7276

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 653 om-201x, Specular gloss of paper and paperboard at 20 degrees (new standard)

BSR/TAPPI T 1215 sp-201x, Determination of instrumental color difference (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.

ASME (American Society of Mechanical Engineers)

Reaffirmations

ANSI/ASME B1.20.2M-2006 (R2011), Pipe Threads, 60 deg., General Purpose (reaffirmation of ANSI/ASME B1.20.2M-2006): 9/12/2011

ASTM (ASTM International)

Addenda

ANSI/ASTM D150-2011, Test Methods for AC Loss Characteristics and Permittivity Dielectric Constant of Solid Electrical Insulation (addenda to ANSI/ASTM D150-1998 (R2004)): 8/23/2011

ANSI/ASTM D922-2011, Specification for Nonrigid Vinyl Chloride Polymer Tubing (addenda to ANSI/ASTM D922-2000 (R2006)): 8/23/2011

ANSI/ASTM D1047-2011, Specification for Poly(Vinyl Chloride) Jacket for Wire and Cable (addenda to ANSI/ASTM D1047-2007): 8/23/2011

ANSI/ASTM D1711-2011, Terminology Relating to Electrical Insulation (addenda to ANSI/ASTM D1711-2011): 8/23/2011

ANSI/ASTM D2219-2011, Specification for Poly(Vinyl Chloride) Insulation for Wire and Cable, 60 C Operation (addenda to ANSI/ASTM D2219-2002 (R2007)): 8/23/2011

ANSI/ASTM D2220-2011, Specification for Poly(Vinyl Chloride) Insulation for Wire and Cable, 75 C Operation (addenda to ANSI/ASTM D2220-2002 (R2007)): 8/23/2011

ANSI/ASTM D2513-2011, Specification for Polyethylene (PE) Gas Pressure Pipe, Tubing, and Fittings (addenda to ANSI/ASTM D2513 -2011): 8/23/2011

ANSI/ASTM D2661-2011, Specification for Acrylonitrile-Butadiene-Styrene (ABS) Schedule 40 Plastic Drain, Waste, and Vent Pipe and Fittings (addenda to ANSI/ASTM D2661-2008): 8/23/2011

ANSI/ASTM D2665-2011, Specification for Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings (addenda to ANSI/ASTM D2665-2010): 8/23/2011

ANSI/ASTM D2903-2011, Specification for Crosslinked Chlorinated Polyolefin Heat-Shrinkable Tubing for Electrical Insulation (addenda to ANSI/ASTM D2903-2003): 8/23/2011

ANSI/ASTM D3150-2011, Specification for Crosslinked and Noncrosslinked Poly(Vinyl Chloride) Heat-Shrinkable Tubing for Electrical Insulation (addenda to ANSI/ASTM D3150-2000 (R2006)): 8/23/2011

ANSI/ASTM D3241-2011, Test Method for Thermal Oxidation Stability of Aviation Turbine Fuels (addenda to ANSI/ASTM D3241-2009): 9/1/2011

ANSI/ASTM D3311-2011, Specification for Drain, Waste, and Vent (DWV) Plastic Fittings Patterns (addenda to ANSI/ASTM D3311 -2009A): 8/23/2011

ANSI/ASTM D5032-2011, Practice for Maintaining Constant Relative Humidity by Means of Aqueous Glycerin Solutions (addenda to ANSI/ASTM D5032-2003): 8/23/2011

ANSI/ASTM D6096-2011, Specification for Poly(Vinyl Chloride) Insulation for Wire and Cable, 90 C Operation (addenda to ANSI/ASTM D6096-2007): 8/23/2011

ANSI/ASTM E2694-2011, Test Method for Measurement of Adenosine Triphosphate in Water-Miscible Metalworking Fluids (addenda to ANSI/ASTM E2694-2009): 8/23/2011

ANSI/ASTM F439-2011, Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe Fittings, Schedule 80 (addenda to ANSI/ASTM F439-2009): 8/23/2011

ANSI/ASTM F645-2011, Guide for Selection, Design, and Installation of Thermoplastic Water-Pressure Piping Systems (addenda to ANSI/ASTM F645-2004): 8/23/2011

ANSI/ASTM F877-2011, Standard Specification for Crosslinked Polyethylene (PEX) Plastic Hot- and Cold-Water Distribution Systems (addenda to ANSI/ASTM F877-2011): 8/23/2011

ANSI/ASTM F1417-2011, Practice for Installation Acceptance of Plastic Non-Pressure Sewer Lines Using Low-Pressure Air (addenda to ANSI/ASTM F1417-2011): 8/23/2011

ANSI/ASTM F2019-2011, Practice for Rehabilitation of Existing Pipelines and Conduits by the Pulled-In-Place Installation of Glass Reinforced Plastic (GRP) Cured-In-Place Thermosetting Resin Pipe (CIPP) (addenda to ANSI/ASTM F2019-2003 (R2009)): 9/1/2011

ANSI/ASTM F2021-2011, Guide for Design and Installation of Plastic Siphonic Roof Drainage Systems (addenda to ANSI/ASTM F2021 -2006): 8/23/2011

ANSI/ASTM F2306-2011, Specification for 12 to 60 in. (300 to 1500 mm) Annular Corrugated Profile-Wall Polyethylene (PE) Pipe and Fittings for Gravity-Flow Storm Sewer and Subsurface Drainage Applications (addenda to ANSI/ASTM F2306/F2306M-2008): 8/23/2011

ANSI/ASTM F2648-2011, Specification for 2 to 60 Inch (50 to 1500 mm) Annular Corrugated Profile Wall Polyethylene (PE) Pipe and Fittings for Land Drainage Applications (addenda to ANSI/ASTM F2648-2007): 8/23/2011

ANSI/ASTM F2805-2011, Specification for Multilayer Thermoplastic and Flexible Steel Pipe and Connections (addenda to ANSI/ASTM F2805-2009): 8/23/2011

New Standards

ANSI/ASTM F2904-2011, Specification for Warnings on Paintball Marker Accessories Used in the Sport of Paintball (new standard): 9/1/2011

ANSI/ASTM F2918-2011, Test Method for Weighing a Bicycle (new standard): 9/1/2011

Reaffirmations

ANSI/ASTM D1675-2003 (R2011), Test Methods for Polytetrafluoroethylene Tubing (reaffirmation of ANSI/ASTM D1675 -2003): 8/23/2011

ANSI/ASTM D1676-2003 (R2011), Test Methods for Film-Insulated Magnet Wire (reaffirmation of ANSI/ASTM D1676-2003): 8/23/2011

ANSI/ASTM F948-1994 (R2011), Test Method for Time-To-Failure of Plastic Piping Systems and Components under Constant Internal Pressure with Flow (reaffirmation of ANSI/ASTM F948-1994 (R2006)): 8/23/2011

ANSI/ASTM F1025-1994 (R2011), Guide for Selection and Use of Full-Encirclement-Type Band Clamps for Reinforcement or Repair of Punctures or Holes in Polyethylene Gas Pressure Pipe (reaffirmation of ANSI/ASTM F1025-1994 (R2006)): 8/23/2011

ANSI/ASTM F1563-2001 (R2011), Specification for Tools to Squeeze-Off Polyethylene (PE) Gas Pipe or Tubing (reaffirmation of ANSI/ASTM F1563-2001 (R2007)): 8/23/2011

ANSI/ASTM F1588-1996 (R2011), Test Method for Constant Tensile Load Joint Test (CTLJT) (reaffirmation of ANSI/ASTM F1588-1996 (R2007)): 8/23/2011

Withdrawals

ANSI/ASTM D1523-2000, Specification for Synthetic Rubber Insulation for Wire and Cable, 90 C Operation (withdrawal of ANSI/ASTM D1523-2000 (R2006)): 8/23/2011

ANSI/ASTM F2307-2003, Specification for Series 10 Poly(Vinyl Chloride) (PVC) Closed Profile Gravity Pipe and Fittings Based on Controlled Inside Diameter (withdrawal of ANSI/ASTM F2307-2003): 8/23/2011

AWS (American Welding Society)

Revisions

ANSI/AWS B5.5-2011, Specification for the Qualification of Welding Educators (revision of ANSI/AWS B5.5-2000): 9/13/2011

IEEE (Institute of Electrical and Electronics Engineers)

New Standards

ANSI/IEEE 1901-2010, Standard for Broadband over Power Line Networks: Medium Access Control and Physical Layer Specifications (new standard): 9/2/2011

Revisions

ANSI/IEEE 1232-2010, Standard for Artificial Intelligence Exchange and Service Tie to All Test Environments (AI-ESTATE) (revision of ANSI/IEEE 1232-2002): 9/2/2011

Supplements

ANSI/IEEE 802.11v-2011, LAN/MAN - Specific Requirements - Part II: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications - Amendment: IEEE 802.11 Wireless Network Management (supplement to ANSI/IEEE 802.11-2007): 9/2/2011

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

New National Adoptions

INCITS/ISO/IEC 14776-151-2011, Information technology - Small Computer System Interface (SCSI) - Part 151: Serial Attached SCSI -1.1 (SAS-1.1) (identical national adoption of ISO/IEC 14776 -151:2010): 9/14/2011

NCPDP (National Council for Prescription Drug Programs)

Revisions

ANSI/NCPDP Specialized Standard 2011071-2011, NCPDP Specialized Standard 2011071 (revision and redesignation of ANSI/NCPDP Specialized Standard 2010121-2011): 9/14/2011

NEMA (ASC C78) (National Electrical Manufacturers Association)

Reaffirmations

ANSI C78.LL4-2003 (R2011), Procedures for Incandescent Lamp Sample Preparation and the TCLP (reaffirmation of ANSI C78.LL4 -2003 (R2007)): 9/14/2011

ANSI C78.22-1995 (R2011), A, G, PS and Similar Shapes with E39 Mogul Screw Bases (reaffirmation of ANSI C78.22-1995 (R2007)): 9/14/2011

ANSI C78.23-1995 (R2011), Incandescent Lamps - Miscellaneous Types (reaffirmation of ANSI C78.23-1995 (R2007)): 9/14/2011

ANSI C78.30-1997 (R2011), Procedure for Use in Preparations of Lamp Space Drawings (reaffirmation of ANSI C78.30-1997 (R2007)): 9/14/2011

ANSI C78.260-2002 (R2011), Tubular Tungsten-Halogen Lamps, Physical Characteristics (reaffirmation of ANSI C78.260-2002 (R2007)): 9/14/2011

ANSI C78.261-1997 (R2011), Specification for Tubular Incandescent Infrared Lamps (reaffirmation of ANSI C78.261-1997 (R2007)): 9/14/2011

ANSI C78.370-1997 (R2011), Method of Designation for Electric Lamps - Photographic, Stage, and Studio (reaffirmation of ANSI C78.370-1997 (R2007)): 9/14/2011

ANSI C78.379a-1997 (R2011), MR and PAR Beam Designation and Tolerance (reaffirmation of ANSI C78.379a-1997 (R2004)): 9/14/2011

ANSI C78.381-1961 (R2011), Glow Lamps - Method of Designation (reaffirmation of ANSI C78.381-1961 (R2006)): 9/14/2011

ANSI C78.385-1961 (R2011), Glow Lamps - Method of Measurement (reaffirmation of ANSI C78.385-1961 (R2006)): 9/14/2011

ANSI C78.1402-2004 (R2011), Dimensions for Projection Lamps - G17q and GX17q Based Four-Pin, Prefocus, for Base-Down Operation (reaffirmation of ANSI C78.1402-2004 (R2008)): 9/14/2011

ANSI C78.1403-1997 (R2011), Tungsten Halogen Lamps with 6.35, GX6.35 and GY6.35 Bases (reaffirmation of ANSI C78.1403-1997 (R2007)): 9/14/2011

ANSI C78.1420-2001 (R2011), Microfilm Projection Lamps - Two Inch (51mm), Integral Reflector, Rim-Reference TH Lamps with GX5.3 Bases (reaffirmation of ANSI C78.1420-2001 (R2006)): 9/14/2011

ANSI C78.1432-1997 (R2011), Tungsten-Halogen Lamps with GZ9.5 Two-Pin Prefocus Bases and 36.5mm Nominal LCL (reaffirmation of ANSI C78.1432-1997 (R2007)): 9/14/2011

ANSI C78.1433-2001 (R2011), Two-inch (51mm) Dichroic Coated Integral Reflector, Rim Reference, Tungsten Halogen Large Screen Projection Lamps with GX5.3 Bases (reaffirmation of ANSI C78.1433-2001 (R2007)): 9/14/2011

ANSI C78.1434-2001 (R2011), Condensing Dichroic Coated Integral Reflector Side Pin Tungsten Halogen Projection Lamps with GX7.9 Bases (reaffirmation of ANSI C78.1434-2001 (R2007)): 9/14/2011

* ANSI C78.1435-2002 (R2011), Projection-Lamps - Tungsten-Halogen Lamps with G5.3 Bases (reaffirmation of ANSI C78.1435-2002 (R2007)): 9/14/2011

ANSI C78.1450-1983 (R2011), Incandescent Projection Lamps - Method for Life Testing (reaffirmation of ANSI C78.1450-1983 (R2006)): 9/14/2011

ANSI C78.1451-2002 (R2011), Use of Protective Shields with Tungsten-Halogen Lamps - Cautionary Notice (reaffirmation of ANSI C78.1451-2002 (R2007)): 9/14/2011

ANSI C78.60432.1-2003 (R2011), Incandescent Lamps - Safety Specifications - Part I: Tungsten Filament Lamps for Domestic and Similar General Lighting Purposes (reaffirmation of ANSI C78.60432.1-2003 (R2007)): 9/14/2011

ANSI C78.60432.2-2004 (R2011), Incandescent Lamps - Safety Specifications - Part II: Tungsten Halogen Lamps for Domestic and Similar General Lighting Purposes (reaffirmation of ANSI C78.60432.2-2004 (R2007)): 9/14/2011

ANSI C78.60432.3-2007 (R2011), Incandescent Lamps - Safety Specifications - Part III: Tungsten Halogen Lamps (non vehicle) (reaffirmation of ANSI ANSLG C78.60432.3-2007): 9/14/2011

ANSI C78.370/390 lcd-2002 (R2011), Method of Designation for Electric Lamps - Photographic, Stage, and Studio (reaffirmation of ANSI C78.370/390 lcd-2002 (R2006)): 9/14/2011

NPES (ASC B65) (Association for Suppliers of Printing, Publishing and Converting Technologies)

New National Adoptions

ANSI B65-1-2011, Graphic technology - Safety requirements for graphic technology equipment and systems - Part 1: General requirements (national adoption with modifications of ISO 12643-1): 9/12/2011

UL (Underwriters Laboratories, Inc.)

New Standards

ANSI/UL 2560-2011, Standard for Safety for Emergency Call Systems for Assisted Living and Independent Living Facilities (new standard): 9/13/2011

Revisions

S ANSI/UL 854-2011, Standard for Safety for Service-Entrance Cables (revision of ANSI/UL 854-2007): 9/9/2011

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.

ASME (American Society of Mechanical Engineers)

Office: 3 Park Avenue, 20th Floor (20N2)
New York, NY 10016
Contact: *Mayra Santiago*
Fax: (212) 591-8501
E-mail: ansibox@asme.org

BSR/ASME B89.3.9-201x, Specification of Geometric Measurands (revision of ANSI/ASME A112.21.3M-1985 (R2007))

Stakeholders: Designers and manufactures (aerospace, automotive, etc), researchers, academia.

Project Need: Develops an American National Standard for the Measurement of Geometric Tolerances. It will show users how to specify and measure specific measurement requirements for products defined with geometric tolerances.

Provides notation for inclusion in engineering specifications to unambiguously define measurands needed to convey design intent.

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 WK34535-201x, New Specification for Universal Design of Fitness Equipment for Inclusive Use by Persons with Functional Limitations and Impairments (new standard)

Stakeholders: Sports Equipment and Facilities Industry.

Project Need: Establishes additional requirements not set forth in the referenced ASTM standards for the design of commercial fitness equipment to increase access and user independence by people with functional limitations or impairments.

http: //www.astm.org/DATABASE.CART/WORKITEMS/WK34535.htm

ISA (ISA)

Office: P.O. Box 12277
67 Alexander Drive
Research Triangle Park, NC 27709
Contact: *Charles Robinson*
Fax: (919) 549-8288
E-mail: crobinson@isa.org

BSR/ISA 99.01.01-201x, Security for Industrial Automation and Control Systems: Terminology, Concepts, and Models (revision and redesignation of ANSI/ISA 99.00.01-2007)

Stakeholders: All manufacturing and industrial processing industries.

Project Need: Updates the first in a series of standards on Industrial Automation and Control Systems Security.

This is the first in a series of standards addressing security for industrial automation and control systems. The focus is on the electronic security of these systems, commonly referred to as cyber security. This Part 1 standard describes the basic concepts and models related to cyber security.

BSR/ISA 99.02.01-201x, Security for Industrial Automation and Control Systems: Establishing an Industrial Automation and Control Systems Security Program (revision of ANSI/ISA 99.02.01-2009)

Stakeholders: All manufacturing and industrial processing industries.

Project Need: Updates the second in a series of standards on Industrial Automation and Control Systems Security.

Describes the elements contained in a cyber security management system for use in the industrial automation and control systems environment and provides guidance on how to meet the requirements described for each element.

BSR/ISA 99.02.02-201x, Security for Industrial Automation and Control Systems: Operating an Industrial Automation and Control Systems Security Program (new standard)

Stakeholders: All manufacturing and industrial processing industries.

Project Need: This is part of a series of standards on Industrial Automation and Control Systems Security.

Addresses the task of operating an effective security program for industrial automation and control systems.

BSR/ISA 99.04.01-201x, Security for Industrial Automation and Control Systems: Product Development Requirements (new standard)

Stakeholders: All manufacturing and industrial processing industries.

Project Need: This is part of a series of standards on Industrial Automation and Control Systems Security.

Establishes the requirements for the development of products and components used in industrial automation and control systems.

BSR/ISA 99.04.02-201x, Security for Industrial Automation and Control Systems: Technical Security Requirements for IACS Components (new standard)

Stakeholders: All manufacturing and industrial processing industries.

Project Need: This is part of a series of standards on Industrial Automation and Control Systems Security.

Establishes the detailed requirements for the products and components used in industrial automation and control systems.

BSR/ISA 111.01-201x, Unified Automation for Buildings (new standard)

Stakeholders: Those involved in the automation of individual buildings or a local collection of buildings such as a campus.

Project Need: This is the first in a series of standards on the unified management of the various automation subsystems of buildings.

Defines the terminology, concepts, characteristics of automating building subsystems, and building automation architectural models necessary to unify the management of the variety of building automation subsystems.

MedBiq (MedBiquitous Consortium)

Office: 401 E. Pratt Street, Suite 1700
Baltimore, MD 21202

Contact: *Valerie Smothers*

Fax: (410) 385-6055

E-mail: valerie.smothers@medbiq.org

* BSR/MEDBIQ EA.10.1-201x, Educational Achievement (new standard)

Stakeholders: Medical schools, health professions schools, training programs, hospitals, certifying boards.

Project Need: To provide an Educational Achievement standard that would document learner achievement of competency and make that data portable.

Contains evidence of competence or achievement of a performance level or milestone and potentially judgments as to whether or not a learner has achieved a particular competence or performance level. Results of broader assessments may be included as well, such as standardized test results.

* BSR/MEDBIQ PP 20.1-201x, Healthcare Professional Profile 2.0 (revision and redesignation of ANSI/MEDBIQ PP.10.1-2008)

Stakeholders: Professional associations, certifying boards, licensing boards, government agencies, software developers.

Project Need: To update the standard to accommodate the self-regulation of the health professions.

In addition to the current contents of the standard, the revised standard will add support for exchanging binary attachments, revised maintenance of certification and osteopathic continuous certification processes, and maintenance of licensure. It will also revise the data model for educational data in support of implementer's needs.

NGWA (National Ground Water Association)

Office: 601 Dempsey Road
Westerville, OH 43081-8978

Contact: *Jonathan Jenkins*

Fax: (614) 898-7786

E-mail: jjenkins@ngwa.org

BSR/NGWA 02-201x, Groundwater Industry Personnel (new standard)

Stakeholders: Groundwater contractors, groundwater scientists, groundwater engineers, and regulators.

Project Need: To further distinguish the groundwater professions as true professions that require specialized skills and competencies and knowledge.

Defines the skills and competencies expected of the professions of the groundwater industry, including the following professions:
- water well driller (rig operator) and assistant;
- vertical borehole driller (rig operator) and assistant;
- water well pump (water systems) installer and assistant;
- water well drilling equipment sales professional;
- water well pump (water systems) sales professional;
- groundwater scientist; and
- groundwater engineer.

NWRA (National Windshield Repair Association)

Office: 385 Garrisonville Road, Suite 116
Stafford, VA 22554

Contact: *Katie Hodge*

Fax: (540) 720-3470

E-mail: khodge@glass.com

BSR/NWRA 002-201x, Repair and/or scratch removal of architectural glass (new standard)

Stakeholders: Scratch removal practitioners, scratch removal suppliers, building owners and managers.

Project Need: There is no standard for architectural glass repair and/or scratch removal.

Describes proper scratch removal and repair of architectural glass.

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Norcross, GA 30092

Contact: *Charles Bohanan*

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 653 om-201x, Specular gloss of paper and paperboard at 20 degrees (new standard)

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

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

Provides for the measurement of the specular gloss of high-gloss papers at 20 degrees (70 degrees from the plane of the paper). This method to measure specular gloss of paper and paperboard at 20 degrees is suitable for high-gloss coated, cast-coated, lacquered, highly varnished or waxed papers, and high-gloss ink films.

BSR/TAPPI T 1215 sp-201x, Determination of instrumental color difference (new standard)

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

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

Provides a general introduction to the use of color differences and a list of the most widely used equations to obtain them. Color differences can be used as a guide to establishing color tolerances in the production of pulp, paper, and paperboard, for the determination of buying and selling tolerances of color, and to provide a method of determining the adequacy of color matches.

TIA (Telecommunications Industry Association)

Office: 2500 Wilson Blvd., Suite 300
Arlington, VA 22201

Contact: *Stephanie Montgomery*

Fax: (703) 907-7727

E-mail: smontgomery@tiaonoline.org

BSR/TIA 895-A-201x, CDMA Tandem Free Operation (revision of ANSI/TIA 895-A-2002)

Stakeholders: Mobile, Interface telecommunications.

Project Need: To update the current standard.

Defines service description details in the Inband Signaling (IS) protocol between Transcoder/Rate Adapter Units (TRAUs) for speech traffic channels for the Tandem Free Operation (TFO) of speech codecs, sometimes also termed "Vocoder Bypass". It is applied to the cdma2000 standards.

TNI (The NELAC Institute)

Office: PO Box 2439
Weatherford, TX 76086

Contact: *Ken Jackson*

Fax: (817) 598-1177

E-mail: ken.jackson@nelac-institute.org

BSR/TNI EL-V4-201x, General Requirements for an Accreditor of Environmental Proficiency Test Providers (new standard)

Stakeholders: Environmental laboratories, state agencies, proficiency test providers, accreditation bodies.

Project Need: There is no standard that provides the necessary details for an accreditor of Proficiency Testing Providers.

Provides the requirements for an organization to be recognized as Proficiency Testing Provider Accreditor (PTPA). An organization must demonstrate it has the expertise and resources to implement and operate a program of PT Provider accreditation. The organization shall demonstrate compliance with ISO/IEC 17011, and shall have technical expertise that conforms with ISO Guide 34 and/or ISO 17025; expertise in statistical applications used for interlaboratory comparisons; the capability to conduct on-site audits of PT Providers; and the capability to conduct technical reviews.

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 (Association for the Advancement of Medical Instrumentation)
- AAMVA (American Association of Motor Vehicle Administrators)
- AGA (American Gas Association)
- AGRSS, Inc. (Automotive Glass Replacement Safety Standards Committee, Inc.)
- ASC X9 (Accredited Standards Committee X9, Incorporated)
- ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
- ASME (American Society of Mechanical Engineers)
- ASTM (ASTM International)
- GEIA (Greenguard Environmental Institute)
- HL7 (Health Level Seven)
- MHI (ASC MH10) (Material Handling Industry)
- NAHBRC (NAHB Research Center, Inc.)
- NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)
- NCPDP (National Council for Prescription Drug Programs)
- NISO (National Information Standards Organization)
- NSF (NSF International)
- TIA (Telecommunications Industry Association)
- UL (Underwriters Laboratories, Inc.)

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.

ANSI Developers Contact Information

The addresses listed in this section are to be used in conjunction with standards listed in PINS, Call for Comment and Final Actions. This section is a list of developers who have submitted standards for this issue of *Standards Action* – it is not intended to be a list of all ANSI-Accredited Standards Developers. Please send all address corrections to Standards Action Editor at standact@ansi.org.

ASABE
American Society of Agricultural and Biological Engineers

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

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

1791 Tullie Cir NE
Atlanta, GA 30043
Phone: (678) 539-1209
Fax: (678) 539-2209
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
Fax: (610) 834-3655
Web: www.astm.org

ATIS
Alliance for Telecommunications Industry Solutions

1200 G Street, NW
Suite 500
Washington, DC 20005
Phone: (202) 434-8841
Fax: (202) 347-7125
Web: www.atis.org

AWS
American Welding Society

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

ECA
Electronic Components Association

2500 Wilson Blvd, Suite 310
Arlington, VA 22201-3834
Phone: (703) 907-8023
Fax: (703) 875-8908
Web: www.eia.org

IAPMO (Z)
International Association of Plumbing & Mechanical Officials

5001 East Philadelphia Street
Ontario, CA 91761-2816
Phone: (909) 472-4106
Fax: (909) 472-4154
Web: www.iapmort.org

IEEE
Institute of Electrical and Electronics Engineers (IEEE)

445 Hoes Lane
Piscataway, NJ 08854
Phone: (732) 562-3854
Fax: (732) 796-6966
Web: www.ieee.org

ISA (Organization)
ISA-The Instrumentation, Systems, and Automation Society

P.O. Box 12277
67 Alexander Drive
Research Triangle Park, NC 27709
Phone: (919) 990-9213
Fax: (919) 549-8288
Web: www.isa.org

ITI (INCITS)
InterNational Committee for Information Technology Standards

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

MedBiq
MedBiquitous Consortium

401 E. Pratt Street, Suite 1700
Baltimore, MD 21202
Phone: (410) 385-2367
Fax: (410) 385-6055
Web: www.medbiq.org

NCPDP
National Council for Prescription Drug Programs

9240 East Raintree Drive
Scottsdale, AZ 85260
Phone: (512) 291-1356
Fax: (480) 767-1042
Web: www.ncpdp.org

NEMA (ASC C81)
National Electrical Manufacturers Association

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

NGWA
National Ground Water Association

601 Dempsey Road
Westerville, OH 43081-8978
Phone: (800) 551-7379, ext. 503
Fax: (614) 898-7786
Web: www.ngwa.org

NPES (ASC CGATS)
NPES

1899 Preston White Drive
Reston, VA 20191
Phone: (703) 264-7200
Fax: (703) 620-0994
Web: www.npes.org

NSF
NSF International

789 N. Dixboro Road
Ann Arbor, MI 48105
Phone: (734) 827-5643
Fax: (734) 827-7880
Web: www.nsf.org

NWRA
National Windshield Repair Association

385 Garrisonville Road, Suite 116
Stafford, VA 22554
Phone: (540) 720-7484
Fax: (540) 720-3470
Web: www.nwrassn.org

PLASA
PLASA North America

630 Ninth Avenue, Suite 609
New York, NY 10036
Phone: (212) 244-1505
Fax: (212) 244-1502
Web: www.plasa.org

TAPPI
Technical Association of the Pulp and Paper Industry

15 Technology Parkway South
Norcross, GA 30092
Phone: (770) 209-7276
Fax: (770) 446-6947
Web: www.tappi.org

TIA
Telecommunications Industry Association

2500 Wilson Blvd., Suite 300
Arlington, VA 22201
Phone: (703) 90-77700
Fax: (703) 907-7727
Web: www.tiaonline.org

TNI
The NELAC Institute

PO Box 2439
Weatherford, TX 76086
Phone: (817) 598-1624
Fax: (817) 598-1177
Web: www.NELAC-Institute.org

UL
Underwriters Laboratories, Inc.

455 E Trimble Road
San Jose, CA 95131-1230
Phone: (408) 754-6722
Fax: (408) 689-6722
Web: www.ul.com/

VITA
VMEbus International Trade Association (VITA)

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

ISO & IEC Draft International Standards

This section lists proposed standards that the International Organization for Standardization (ISO) and the International Electrotechnical Commission (IEC) are 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 and IEC members for comment and vote. Standards Action readers interested in reviewing and commenting on these documents should order copies from ANSI.

Comments

Comments regarding ISO documents should be sent to Rachel Howenstine at ANSI's New York offices, those regarding IEC documents to Charles T. Zegers, also at ANSI New York offices. The final date for offering comments is listed after each draft.

Ordering Instructions

ISO and IEC Drafts can be made available by contacting ANSI's Customer Service department. Please e-mail your request for an ISO or IEC 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.

ISO Standards

CLINICAL LABORATORY TESTING AND IN VITRO DIAGNOSTIC TEST SYSTEMS (TC 212)

ISO/DIS 16256, Clinical laboratory testing and in vitro diagnostic test systems - Reference method for testing the in vitro activity of antimicrobial agents against yeast of fungi involved in infectious diseases - 6/9/2012, $71.00

CORROSION OF METALS AND ALLOYS (TC 156)

ISO/DIS 13573, Corrosion of metals and alloys - Test method for thermal-cycling exposure testing under high-temperature corrosion conditions for metallic materials - 12/8/2011, $82.00

FIRE SAFETY (TC 92)

ISO/DIS 13571, Life-threatening components of fire - Guidelines for the estimation of time to compromised tenability in fires - 12/8/2011, $82.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO/DIS 13482, Robots and robotic devices - Safety requirements for non-industrial robots - Non-medical personal care robot - 12/10/2011, $155.00

PAPER, BOARD AND PULPS (TC 6)

ISO/DIS 2469, Paper, board and pulps - Measurement of diffuse radiance factor (diffuse reflectance factor) - 12/8/2011, $77.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 23009-1, Information technology - Dynamic adaptive streaming over HTTP (DASH) - Part 1: Media presentation description and delivery formats - 9/8/2011, FREE

IEC Standards

34A/1506/FDIS, IEC 60901 A5 ed.2: Single-capped fluorescent lamps - Performance specifications, 10/14/2011

34D/1030/FDIS, IEC 60598-2-2 Ed 3: Luminaires - Part 2-2: Particular requirements - Recessed luminaires, 10/14/2011

46A/1038/FDIS, IEC 61196-1-304 Ed1.0: Coaxial communication cables - Part 1-304: Mechanical test methods - Impact resistance, 10/14/2011

46A/1039/FDIS, IEC 61196-1-108 Ed. 2.0: Coaxial communication cables - Part 1-108: Electrical test methods - Test for characteristic impedance, phase and group delay, electrical length and propagation velocity, 10/14/2011

48B/2258/FDIS, IEC 60512-7-2 Ed 1.0: Connectors for electronic equipment - Tests and measurements - Part 7-2: Impact tests (free components) - Test 7b: Mechanical strength impact, 10/14/2011

65C/663/FDIS, IEC 62601 Ed.1: Industrial communication Networks - Fieldbus Specifications - WIA-PA communcation Network and Communication Profile, 10/14/2011

82/659/FDIS, IEC 61730-1 A1 Ed.1: Amendment 1 to IEC 61730-1: Photovoltaic (PV) module safety qualification - Part 1: Requirements for construction, 10/14/2011

82/660/FDIS, IEC 61730-2 A1 Ed.1: Amendment 1 to IEC 61730-2: Photovoltaic (PV) module safety qualification - Part 2: Requirements for testing, 10/14/2011

86B/3272/FDIS, IEC 60874-1 Ed. 6.0: Fibre optic interconnecting devices and passive components - Connectors for optical fibres and cables - Part 1: Generic specification, 10/14/2011

86B/3273/FDIS, IEC 61274-1 Ed. 3.0: Fibre optic interconnecting devices and passive components - Adaptors for fibre optic connectors - Part 1: Generic specification, 10/14/2011

86B/3274/FDIS, IEC 61300-3-39 Ed. 2.0: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-39: Examinations and measurements - Physical Contact (PC) optical connector reference plug selection for return loss measurements, 10/14/2011

96/384/FDIS, IEC 61558-2-15 Ed.2: Safety of transformers, reactors, power supply units and combinations thereof - Part 2-15: Particular requirements and tests for isolating transformers for the supply of medical locations, 10/14/2011

7/609F/FDIS, IEC 61394 Ed. 1.0: Overhead lines- Requirements for greases for aluminium, aluminium alloy and steel bare conductors,

10/848/FDIS, IEC 60475 Ed.2: Method of sampling insulating liquids, 10/07/2011

10/849/FDIS, IEC 60567 Ed.4: Oil-filled electrical equipment - Sampling of gases and analysis of free and dissolved gases - Guidance, 10/07/2011

17B/1752/FDIS, IEC 61915-2: Low-voltage switchgear and controlgear - Device profiles for networked industrial devices - Part 2: Root device profiles for starters and similar equipment, 10/07/2011

20/1267/FDIS, IEC 60840 Ed. 4: Power cables with extruded insulation and their accessories for rated voltages above 30 kV (Um = 36 kV) up to 150 kV (Um = 170 kV) - Test methods and requirements, 10/07/2011

20/1268/FDIS, IEC 62067 Ed. 2: Power cables with extruded insulation and their accessories for rated voltages above 150 kV (Um = 170 kV) up to 500 kV (Um = 550 kV) - Test methods and requirements, 10/07/2011

23A/636/FDIS, IEC 62549 Ed. 1: Articulated systems and flexible systems for cable guiding, 10/07/2011

34B/1616/FDIS, IEC 60061-2 A44 Ed.3: Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 2: Lampholders - Amendment 44, 10/07/2011

34B/1617/FDIS, IEC 60061-3 A45 Ed.3: Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 3: Gauges - Amendment 45, 10/07/2011

48D/482/FDIS, IEC 61969-2 Ed 2.0: Mechanical structures for electronic equipment - Outdoor enclosures - Part 2: Coordination dimensions, 10/07/2011

48D/483/FDIS, IEC 61969-3 Ed 2.0:Mechanical structures for electronic equipment - Outdoor enclosures - Part 3: Environmental requirements, tests and safety aspects, 10/07/2011

86B/3268/FDIS, IEC 60874-1-1 Ed. 3.0: Fibre optic interconnecting devices and passive components - Connectors for optical fibres and cables - Part 1-1: Blank detail specification, 10/07/2011

86B/3269/FDIS, IEC 61274-1-1 Ed. 3.0: Fibre optic interconnecting devices and passive components - Adaptors for fibre optic connectors - Part 1-1: Blank detail specification, 10/07/2011

86B/3270/FDIS, IEC 61314-1 Ed. 4.0: Fibre optic interconnecting devices and passive components - Fibre optic fan-outs - Part 1: Generic specification, 10/07/2011

86B/3271/FDIS, IEC 61314-1-1 Ed. 3.0: Fibre optic interconnecting devices and passive components - Fibre optic fan-outs - Part 1-1: Blank detail specification, 10/07/2011

17C/523/FDIS, IEC 62271-200 Ed.2: High-voltage switchgear and controlgear - Part 200: AC metal-enclosed switchgear and controlgear for rated voltages above 1 kV and up to and including 52 kV, 09/30/2011

48D/481/FDIS, IEC 61587-1 Ed 3.0: Mechanical structures for electronic equipment - Tests for IEC 60917 and IEC 60297 - Part 1: Climatic, mechanical tests and safety aspects for cabinets, racks, subracks and chassis, 09/30/2011

20/1265/FDIS, IEC 60754-2 Ed. 2: Test on gases evolved during combustion of materials from cables - Part 2: Determination of acidity (by pH measurement) and conductivity, 09/16/2011

20/1266/FDIS, IEC 60754-1 Ed. 3: Test on gases evolved during combustion of materials from cables - Part 1: Determination of the halogen acid gas content, 09/16/2011

22G/227/FDIS, Amendment 1 to IEC 61800-3 Ed.2: Adjustable speed electrical power drive systems - Part 3: EMC requirements and specific test methods, 09/16/2011

34C/987/FDIS, IEC 62442-1 Ed.1: Energy performance of lamp controlgear - Part 1: Controlgear for fluorescent lamps - Method of measurement to determine the total input power of controlgear circuits and the efficiency of the controlgear, 09/16/2011

49/974/FDIS, IEC 62604-2 Ed. 1: Surface Acoustic Wave (SAW) and Bulk Acoustic Wave (BAW) duplexers - Part 2: Guideline for use, 09/16/2011

62D/944/FDIS, IEC 60601-2-25, Ed. 2: Medical electrical equipment - Part 2-25: Particular requirements for basic safety and essential performance of electrocardiographs, 09/16/2011

65E/191/FDIS, IEC 62541-4: OPC Unified Architecture - Part 4: Services, 09/16/2011

65E/192/FDIS, IEC 62541-5: OPC Unified Architecture - Part 5: Information Model, 09/16/2011

65E/193/FDIS, IEC 62541-6: OPC Unified Architecture - Part 6: Mappings, 09/16/2011

65E/194/FDIS, IEC 62541-8: OPC Unified Architecture - Part 8: Data Access, 09/16/2011

91/986/FDIS, IEC 62137-3 Ed.1: Electronics assembly technology - Part 3: Selection guidance of environmental and endurance test methods for solder joints, 09/16/2011

97/153/FDIS, IEC 61821 Ed.2: Electrical installations for lighting and beaconing of aerodromes- Maintenance of aeronautical ground lighting constant current series circuits, 09/16/2011

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

FMI Medical Systems, Inc.

Public Review: July 22 to October 14, 2011

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.

Call for Members

Society of Cable Telecommunications

ANSI Accredited Standards Developer

SCTE, an ANSI-accredited SDO, is the primary organization for the creation and maintenance of standards for the cable telecommunications industry. SCTE's standards mission is to develop standards that meet the needs of cable system operators, content providers, network and customer premesis equipment manufacturers, and all others who have an interest in the industry through a fair, balanced and transparent process.

SCTE is currently seeking to broaden the membership base of its ANS consensus bodies and is interested in new members in all membership categories to participate in new work in fiber-optic networks, advanced advertising, 3D television, and other important topics. Of particular interest is membership from the content (program and advertising) provider and user communities.

Membership in the SCTE Standards Program is open to all directly and materially affected parties as defined in SCTE's membership rules and operating procedures. More information is available at www.scte.org or by email from standards@scte.org.

CFC Correction

Repeated Listing

BSR/UL 61800-5-1

Owing to a technical error, BSR/UL 61800-5-1 appeared in the Call-for-Comment sections of both the September 2nd and September 9th issues of Standards Action. Only the listing in the September 2nd issue is correct. The September 9th issue is an error. The comment deadline for BSR/UL 61800-5-1 remains as October 2, 2011. No comments will be accepted after that date.

Approval of a Provisional American National Standard (ANS) by the National Fire Protection Association

See page 22 for this announcement.

ANSI Accredited Standards Developers

Administrative Reaccreditation

American Association of Motor Vehicle Administrators (AAMVA)

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of the American Association of Motor Vehicle Administrators (AAMVA), a full ANSI Organizational Member, has been administratively approved under its recently revised operating procedures for documenting consensus on proposed American National Standards, effective September 9, 2011. For additional information, please contact: Mr. Mark Pritchard, AAMVA, 4301 Wilson Boulevard, Suite 400, Arlington, VA 22203; PHONE: (703) 908-5790; E-mail: MPritchard@aamva.org.

Approval of Reaccreditation/Continuance of Accreditation

North American Electric Reliability Council (NERC)

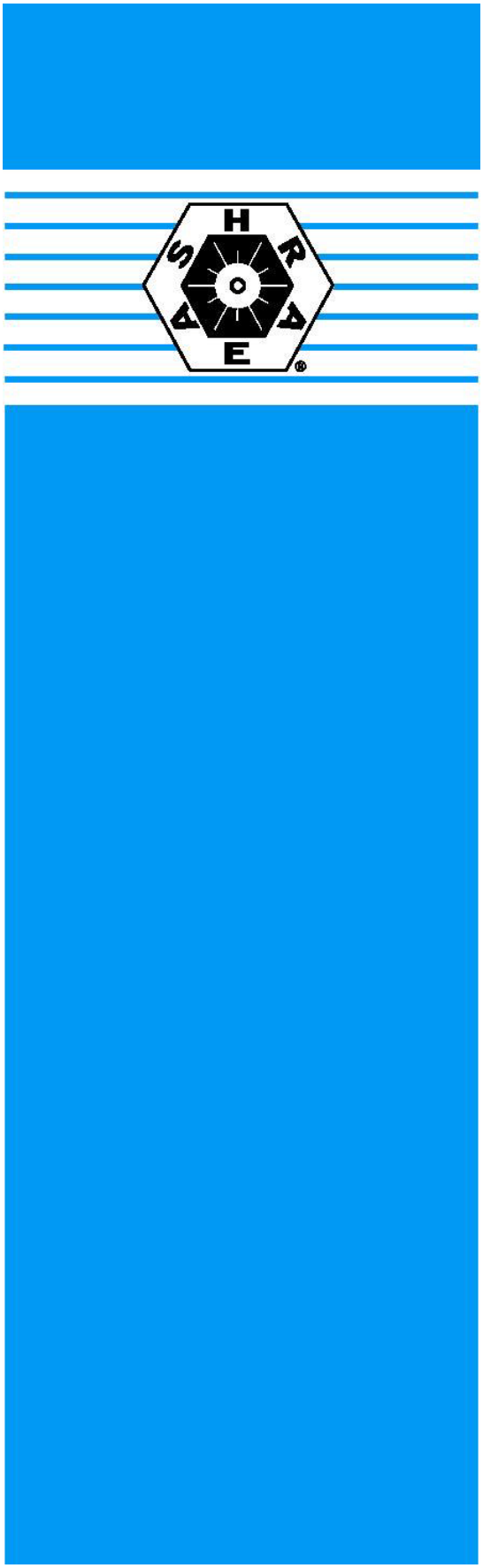
ANSI's Executive Standards Council (ExSC) has approved the reaccreditation/continuance of the North American Electric Reliability Council's (NERC) accreditation as an ANSI Accredited Standards Developer, under its current operating procedures for documenting consensus on proposed American National Standards, effective September 9, 2011. For additional information, please contact: Mr. Herb Schrayshuen, Vice President and Director, Standards, NERC, 3353 Peachtree Road NE, Suite 600, North Tower, Atlanta, GA 30326; PHONE: (404) 446-2563; E-mail: herb.schrayshuen@nerc.net.

Notice of the Approval of a Provisional American National Standard (ANS) by the National Fire Protection Association

In accordance with Annex B of the ANSI *Essential Requirements*, the National Fire Protection Association has approved the Provisional Standard, entitled, NFPA 56 (PS), *Standard for Fire and Explosion Prevention During Cleaning and Purging of Flammable Gas Piping Systems,* with an issuance and effective date of August 11, 2011. The NFPA Standards Council after careful review and including consideration of urgent safety recommendations issued by the U.S. Chemical Safety Board regarding serious explosion incidents, voted to establish a new NFPA Technical Committee to proceed with the development of a new standard on gas process safety specifically dedicated to addressing safe practices associated with the interior cleaning of flammable gas piping systems and the purging into service or purging out of service of such systems during maintenance. Given the importance and timeliness of this project, the Council and the NFPA Board of Directors approved the development of a gas process safety standard using the expedited procedures set forth by American National Standards Institute (ANSI) in Annex B of the ANSI *Essential Requirements*.

In accordance with the Annex B Procedures at Section B.1.7, the processing of a provisional standard, once approved, must be initiated within 45 days, and shall be in accordance with the standards developer's accredited procedures. Accordingly, the Council has approved the Technical Committee's request to enter NFPA 56 (PS) into the Annual 2013 Revision Cycle with a proposals closing date of November 25, 2011, where it shall be processed as a regular NFPA standard in accordance with the NFPA *Regulations Governing the Development of NFPA Standards*.

Copies of NFPA 56 (PS), *Standard for Fire and Explosion Prevention During Cleaning and Purging of Flammable Gas Piping Systems*, 2012 edition may be obtained by going to the NFPA website at www.nfpa.org/56 or calling Customer Service at 1-800-344-3555.



BSR/ASHRAE Addendum x
to ANSI/ASHRAE Standard 34-2010

Public Review Draft

ASHRAE® Standard

Proposed Addendum x to Standard 34-2010, *Designation and Safety Classification of Refrigerants*

First Public Review (September 2011) (Draft Shows Proposed Changes to Current Standard)

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

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FOREWORD

This addendum clarifies the conditions for bubble point in Sections B2.4.1 and B2.4.2 of Normative Appendix B.

[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 x to 34-2010

Make the following changes to sections B2.4.1 (b) and B2.4.2 (b).

B2.4.1 Leaks Under Storage/Shipping Conditions. To simulate leaks under storage/shipping conditions, the container shall be filled with the WCF to 90%, by mass, of the maximum fill. The maximum fill is the calculated mass that gives a 100% liquid fill at 54.4°C (130°F). The charged blend shall be vapor leaked, 2% by mass of the initial charge per hour, at the following temperatures:

a. 54.4°C (130°F),
b. –40.0°C (–40.0°F) or the bubble point at 1 atmosphere (101.325 kPa) plus 10.0°C (18.0°F), whichever is warmer, and….(continued)

B2.4.2 Leaks from Equipment. To simulate leaks from equipment, the container shall be filled with the WCF to 15% of the maximum fill (as defined in Section B2.4.1) and then shall be vapor leaked at the following temperatures:

a. 60.0°C (140°F),
b. –40.0°C (–40.0°F) or the bubble point at 1 atmosphere (101.325 kPa) plus 10.0°C (18.0°F), whichever is warmer, and…..(continued)

BSR/ASHRAE Addendum p
to ANSI/ASHRAE Standard 34-2010

Public Review Draft

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FOREWORD

This addendum adds new azeotropic refrigerant 512A 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 p to 34-2010

Add the following underlined data to Table 2 and Table D2 in the columns indicated.

TABLE 2 Data and Safety Classifications for Refrigerant Blends

Refrigerant Number = 512A
Composition (Mass %) = R-134a/152a (5.0/95.0)
Composition tolerances = (±1.0/± 1.0)
OEL = 1000
Safety Group = A2
RCL = 11,000 ppm v/v; 31 g/m^3; 1.9 lb/Mcf
Highly Toxic or Toxic Under Code Classification = Neither

TABLE D2 Data for Refrigerant Blends

Refrigerant Number = 512A
Composition (Mass %) = R-134a/152a (5.0/95.0)
Azeotropic Temperature (°C) = -20 to 40
Azeotropic Temperature (°F) = -4 to 104
Azeotropic Molecular Mass = 67.24
Normal BPt. (°C) = -24.0
Normal BPt. (°F) = -11.2

BSR/ASHRAE Addendum q
to ANSI/ASHRAE Standard 34-2010

Public Review Draft

ASHRAE® Standard

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FOREWORD

This addendum adds new zeotropic refrigerant 442A 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 q to 34-2010

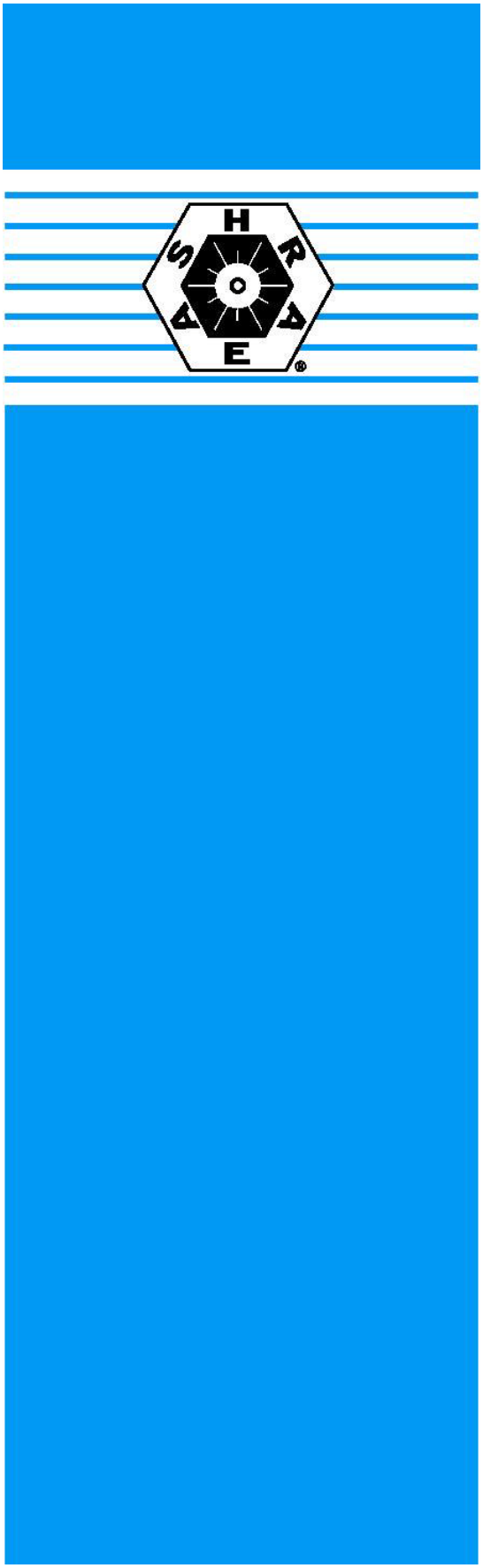
Add the following underlined data to Table 2 and Table D2 in the columns indicated.

TABLE 2 Data and Safety Classifications for Refrigerant Blends

Refrigerant Number = 442A
Composition (Mass %) = R-32/125/134a/152a/227ea (31.0/31.0/30.0/3.0/5.0)
Composition tolerances = (±1.0/± 1.0± 1.0/±0.5/±1.0)
OEL = 1000
Safety Group = A1
RCL = 100,000 ppm v/v; 330 g/m^3; 21 lb/Mcf
Highly Toxic or Toxic Under Code Classification = Neither

TABLE D2 Data for Refrigerant Blends

Refrigerant Number = 442A
Composition (Mass %) = R-32/125/134a/152a/227ea (31.0/31.0/30.0/3.0/5.0)
Average Molecular Mass = 81.77
Bubble Point (°C) = -46.5
Bubble Point (°F) = -51.7
Dew Point (°C) = -39.9
Dew Point (°F) = -39.8



BSR/ASHRAE Addendum r
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ASHRAE® Standard

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FOREWORD

This addendum adds toxicity Code Classification assignments for refrigerants R-421B to R-433A (inclusive), R-601a, and R-227ea to Tables 1 and 2, which had been unassigned in Standard 34-2010. *Highly toxic, toxic, or neither* under Code Classification: *highly toxic* and *toxic* are as defined in the International Fire Code, Uniform Fire Code, and OSHA regulations, and *neither* identifies those refrigerants having lesser toxicity than either of those groups (see Definition of *Toxic* and References 1,2,3 in 34-2010).

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Addendum r to 34-2010

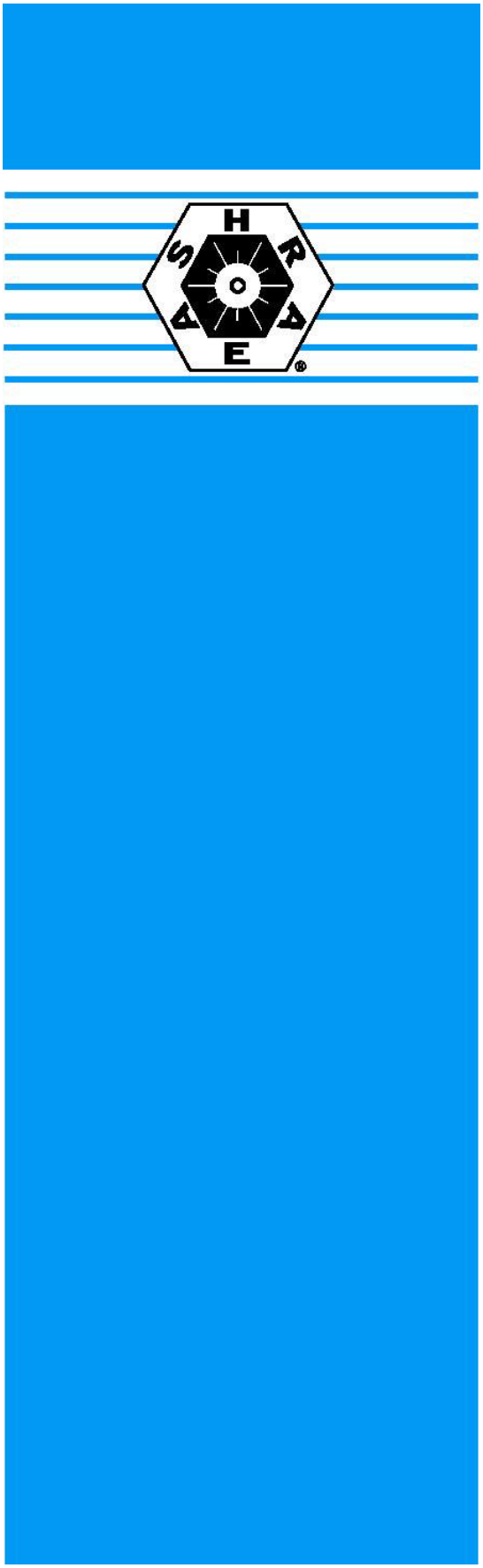
Add the following underlined data to Table 1 and Table 2 in the column indicated.

TABLE 1 Refrigerant Data and Safety Classifications

Refrigerant Number	Chemical Name[a,b]	Highly Toxic or Toxic[e] Under Code Classification
227ea	1,1,1,2,3,3,3-heptafluoropropane	Neither
601a	2-methylbutane (isopentane)	Neither

TABLE 2 Data and Safety Classifications for Refrigerant Blends

Refrigerant Number	Composition (Mass %)	Highly Toxic or Toxic[e] Under Code Classification
421B	R-125/134a (85.0/15.0)	Neither
422A	R-125/134a/600a (85.1/11.5/3.4)	Neither
422B	R-125/134a/600a (55.0/42.0/3.0)	Neither
422C	R-125/134a/600a (82.0/15.0/3.0)	Neither
422D	R-125/134a/600a (65.1/31.5/3.4)	Neither
423A	R-134a/227ea (52.5/47.5)	Neither
424A	R-125/134a/600a/600/601a (50.5/47.0/0.9/1.0/0.6)	Neither
425A	R-32/134a/227ea (18.5/69.5/12.0)	Neither
426A	R-125/134a/600/601a (5.1/93.0/1.3/0.6)	Neither
427A	R-32/125/143a/134a (15.0/25.0/10.0/50.0)	Neither
428A	R-125/143a/290/600a (77.5/20.0/0.6/1.9)	Neither
429A	R-E170/152a/600a (60.0/10.0/30.0)	Neither
430A	R-152a/600a (76.0/24.0)	Neither
431A	R-290/152a (71.0/29.0)	Neither
432A	R-1270/E170 (80.0/20.0)	Neither
433A	R-1270/290 (30.0/70.0)	Neither



BSR/ASHRAE Addendum s
to ANSI/ASHRAE Standard 34-2010

Public Review Draft

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FOREWORD

This addendum adds missing RCL data for R-600 in Table 1 and corrects significant figures for RCL data for R1270, R-436B, and R-437A in Tables 1 and 2.

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Addendum s to 34-2010

Make the following changes to Table 1 and Table 2.

TABLE 1 Refrigerant Data and Safety Classifications

Refrigerant Number	Chemical Name	RCL		
		(ppm v/v)	**(g/m^3)**	**(lb/Mcf)**
600	butane	1,000	2.4	0.15
1270	propene (propylene)	1000	1.7	~~0.1~~ 0.11

TABLE 2 Data and Safety Classifications for Refrigerant Blends

Refrigerant Number	Composition (mass %)	RCL		
		(ppm v/v)	(g/m^3)	(lb/Mcf)
436B	R-290/600a (52.0/48.0)	4,000	~~8.1~~8.2	~~0.50~~ 0.51
437A	R-125/134a/600/601 (19.5/78.5/1.4/0.6)	19,000	~~81~~ 82	5.0

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FOREWORD

This addendum clarifies the definitions of lowest observed effect level (LOEL) and no-observed-effect level (NOEL) to be consistent as applied in this Standard.

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Addendum t to 34-2010

Change the following definitions as indicated.

3. DEFINITIONS OF TERMS

lowest observed effect level (LOEL): The concentration of a material, a refrigerant in this standard, that has caused any adverse~~observed~~ effect to even one test animal.

no-observed-effect level (NOEL): The highest concentration of a material, a refrigerant in this standard, at which no adverse effect has been observed in even one test animal.

BSR/ASHRAE Addendum u
to ANSI/ASHRAE Standard 34-2010

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FOREWORD

This addendum clarifies *7.3 Requirements for Data Calculations* and *9.6 Toxicity Information* for consistency.

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Addendum u to 34-2010

Make the following changes to sections 7.3 and 9.6.

7.3 Data for Calculations. The data used to calculate the RCL shall be taken from scientific and engineering studies or published safety assessments by governmental agencies or expert panels. The applications submitted under Section 9, or therein referenced source studies for toxicity data, must indicate the extent of compliance with ~~g~~Good ~~l~~Laboratory ~~p~~Practice~~s~~ (GLP) regulations in accordance with references 10, 11, 12, or 13 or earlier editions of these references in effect at the time when the studies were performed. Data from peer-reviewed publications, including journal articles and reports, also are allowed ~~provided that they demonstrate examination of the same information~~.

9.6 Toxicity Information. Applications shall include the data identified in Sections 9.6.1, 9.6.2, and 9.6.3. The sources for these data shall be identified, and the applicant shall provide copies if requested by the committee. The identified sources shall describe the test methods, specimens, and materials used and also document clinical observations and the test results. The documentation must indicate the extent of compliance with GLP regulations in accordance with reference 10, 11, 12, or 13 or earlier editions of these references in effect at the time when the studies were performed. ~~for toxicity tests since 1985.~~ Data from peer-reviewed publications, including journal articles, reports, and assessments, also are allowed ~~provided that they demonstrate examination of the same information~~. Material Safety Data Sheets (MSDSs), Hygiene Standard Sheets, manufacturers' product literature, and databases are not acceptable as sources for toxicity information for this section.

BSR/ASHRAE Addendum v
to ANSI/ASHRAE Standard 34-2010

Public Review Draft

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FOREWORD

This addendum removes the use of the term *toxic concentration factors (TCFs)* from Informative Appendix G, Calculation of RCL and ATEL for Blends, as the term is not defined or used in Standard 34 or Standard 15, and more suitable toxicity terms are provided.

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Addendum v to 34-2010

Make the following changes to Normative Appendix G.

INFORMATIVE APPENDIX G – CALCULATION OF RCL AND ATEL FOR BLENDS

The ATEL for a refrigerant blend shall be set as the lowest concentration ~~of the blend acute toxic concentration factors (TCFs)~~ based on ~~in~~ Section 7.1.1 (a) through (d), where ~~each~~ the ATEL of the blend ~~acute TCF quantity~~ is calculated from the ~~acute TCF values of its~~ individual components, following the Additivity Method for Mixtures (reference Appendix C of the 2010 American Conference of Governmental Industrial Hygienists (ACGIH), *Threshold Limit Values for Chemical Substances and Physical Agents*)…..(continued)

(continued)…..In a similar fashion, Blend Cardiac Sensitization Indicator $(b)_{blend}$ can be calculated from $1/(\Sigma mf_n / b_n)$, where b_n is the cardiac sensitization indicator for component n in the blend (i.e., 100% of the NOEL or, if not determined, 80% of the LOEL), and from the mole fraction mf_n of component n, and so forth as described ~~for the acute TCFs~~ in Section 7.1.1 (a) through (d).

Each acute toxicity endpoint [Section 7.1.1 (a) through (d)] ~~TCF~~ for a blend can be expressed in ppm (parts per million of substance in air by volume) if the acute toxicity values ~~TCFs~~ for each component n are expressed in ppm and mf_n is expressed as the mole fraction of component n in the blend. The toxicity ~~TCF~~ of each component shall be determined according to the endpoints ~~priority~~ indicated in Section 7. Thus, the determining method for each component may not be consistent, such as 100% of NOEL of component A and 80% of LOEL of component B.

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Proposed Addendum w to Standard 34-2010, *Designation and Safety Classification of Refrigerants*

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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 modifies the definition of Workplace Environmental Exposure Level (WEEL) and adds a reference for AIHA WEEL.

[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 w to 34-2010

Modify definition of WEEL and add new reference 5, with all subsequent references to be re-numbered accordingly within the text and Section 10, References.

3. DEFINITIONS OF TERMS

workplace environmental exposure level (WEEL): an occupational exposure limit set by the American Industrial Hygiene Association (AIHA)[5]. The TWA concentration, measured in the worker breathing zone, for a normal 8-hour workday, 40-hour workweek, for which it is believed that nearly all workers can be repeatedly exposed without adverse health effects.

10. REFERENCES

[5]AIHA Workplace Environmental Exposure Levels. American Industrial Hygiene Association, Fairfax, VA 22031

BSR/ASHRAE Addendum y
to ANSI/ASHRAE Standard 34-2010

Public Review Draft

ASHRAE® Standard

Proposed Addendum y to Standard 34-2010, *Designation and Safety Classification of Refrigerants*

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FOREWORD

This addendum better defines the experimental verification of models used to identify the WCFF fractionated compositions, and allows vapor-liquid equilibrium (VLE) data only to be used for experimental verification.

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Addendum y to 34-2010

Add new Section B2.1.1 Experimental Verification to the Standard.

B2. FRACTIONATION ANALYSIS

Applications shall include an analysis of fractionation.

B2.1 The applicant shall report results of a fractionation analysis conducted to determine vapor- and liquid-phase compositions of refrigerant blends under conditions of leakage (see Section B2.4) and successive charge/recharge conditions (see Section B2.5). The analysis shall be validated through experimentation. A computer or mathematical model may be used to identify the WCFF. If a computer or mathematical model is used, then the applicant shall identify the model used and shall submit experimental data that verifies the accuracy of the model at the conditions that predict the WCFF.

B2.1.1 Experimental verification. Experimental verification of the model shall take the form of leakage experiments (carried out in accordance with section B2.4) that result in the WCFF. For blends of three or fewer components where the initial composition of the vapor or liquid phase results in the WCFF, this verification may instead be experimental vapor liquid equilibrium data (VLE) at the temperature of the WCFF or over a range of temperatures that includes the temperature of the WCFF; such experiments may be carried out by the applicant or be taken from the peer-reviewed literature.

BSR/ASHRAE Addendum f
to ANSI/ASHRAE Standard 62.1-2010

Public Review Draft

ASHRAE® Standard

Proposed Addendum f to Standard 62.1-2010, *Ventilation for Acceptable Indoor Air Quality*

First Public Review (July 2011)
(Draft Shows Proposed Changes to Current Standard)

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FOREWORD

Some users of Standard 62.1 believe that the ventilation rate procedure is "too complicated." SSPC 62.1 disagrees with this in most cases – the basics of the VRP are quite straightforward. However, the SSPC agrees that application of the multiple-zone recirculating system equations described in Section 6.2.5 and Appendix A can be complex.

This proposed addendum provides an additional default value for V_{pz}. However, the user is cautioned that assumptions embodied in this simplification are necessarily conservative, and that resulting outdoor air intake flowrates will normally be higher than those that might be achieved using the existing procedures.

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Addendum f to 62.1-2010

Reviewer Note: Modify Section 6.2.5.1 as follows:

6.2.5.1 Primary Outdoor Air Fraction. Primary outdoor air fraction (Z_{pz}) shall be determined for *ventilation zones* in accordance with Equation 6-5.

$$Z_{pz} = V_{oz}/V_{pz} \qquad (6\text{-}5)$$

where V_{pz} is the zone primary airflow, i.e., the primary airflow rate to the *ventilation zone* from the air handler, including outdoor air and recirculated air.

~~***Note:***~~ For VAV-system design purposes, V_{pz} ~~is~~ shall be the lowest zone primary airflow value expected at the design condition analyzed; if the lowest zone primary airflow value is unknown, the value of V_{pz}, shall be 30% of the design primary airflow rate.

Note: In some cases it is acceptable to determine these parameters for only selected zones as outlined in Normative Appendix A.

BSR/ASHRAE Addendum h
to ANSI/ASHRAE Standard 62.1-2010

Public Review Draft

ASHRAE® Standard

Proposed Addendum h to Standard 62.1-2010, *Ventilation for Acceptable Indoor Air Quality*

First Public Review (July 2011)
(Draft Shows Proposed Changes to Current Standard)

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1791 Tullie Circle, NE Atlanta GA 30329-2305

BSR/ASHRAE Addendum h to ANSI/ASHRAE Standard 62.1-2010, *Ventilation and Acceptable Indoor Air Quality*
First Public Review Draft

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FOREWORD

Standard 62.1-2010, Table 6-1, includes ventilation rates for "Sports arena (play area)" and "Gym, stadium (play area)." Both space types have ventilation rates based on floor area only, the per person rate is zero. Users of the standard have expressed interest in applying demand controlled ventilation to these space types, which is effectively prohibited by the lack of a per person component to the ventilation rate. This proposed addendum replaces both of these space types with "Gym, Sports Arena (play area)", with R_p = 20 cfm/person and R_a = 0.06 cfm/ft². In most cases, the overall ventilation rate for these spaces is expected to decrease, possibly significantly.

One concern about allowing CO_2-based demand controlled ventilation in these spaces is that the volume per person in these spaces is typically large, which means that CO_2 concentration changes will have longer than usual lag times behind occupancy changes.

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Addendum h to 62.1-2010

Reviewer Note: Revise Table 6-1 as follows:
(The rest of Table 6-1 remains unchanged.)

TABLE 6-1 MINIMUM VENTILATION RATES IN BREATHING ZONE (*Continued*)
(This table is not valid in isolation; it must be used in conjunction with the accompanying notes.)

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/ft²	L/s•m²		#/1000 ft² or #/100 m²	cfm/person	L/s·person	
Sports and Entertainment									
~~Sports arena (play area)~~	~~-~~	~~-~~	~~0.30~~	~~1.5~~	~~E~~	~~-~~			~~1~~
~~Gym, stadium (play area)~~	~~-~~	~~-~~	~~0.30~~	~~1.5~~		~~30~~			~~2~~
Gym, Sports Arena (play area)	20	10	0.06	0.3	E	7	29	14	1

BSR/ASHRAE Addendum f to ANSI/ASHRAE Standard 62.2-2010

Public Review Draft

ASHRAE® Standard

Proposed Addendum f to Standard 62.2-2010, *Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings*

Second Public Review (August 2011)
Full Public Review (Draft Shows Proposed Changes to Current Standard)

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

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

BSR/ASHRAE Addendum f to ANSI/ASHRAE Standard 62.2-2010, *Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings*
Second Public Review Draft

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Foreword

This is the second public review of proposed Addendum f with changes based on a comment from the first public review. These proposed changes were made to extend the application range of Table 5.3 and to include some updated values based on newer data.

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Addendum f to 62.2-2010

Reviewer Note: Revise Table 5.3 as follows:
Note: Table 5.3 includes currently published errata posted at http://www.ashrae.org/technology/page/120.

TABLE 5.3 Prescriptive Duct Sizing

Duct Type	**Flex Duct**								**Smooth Duct**							
Fan Airflow Rating CFM @ 0.25 in. wg (L/s @ 62.5 Pa)	50 (25)	80 (40)	100 (50)	125 (65)	150 (75)	200 (100)	250 (125)	300 (150)	50 (25)	80 (40)	100 (50)	125 (65)	150 (75)	200 (100)	250 (125)	300 (150)
Diameter[1] in. (mm)	Maximum Length[2,3,4] ft. (m)															
3 (75)	X	X	X	X	X	X	X	X	5(2)	X	X	X	X	X	X	X
4 (100)	56 (17) ~~70 (21)~~	4 (1) ~~3 (1)~~	X	X	X	X	X	X	114 (35) ~~105 (32)~~	31 (9) ~~35 (11)~~	10 (3) ~~5(2)~~	X	X	X	X	X
5 (125)	NL	81 (25) ~~70 (21)~~	42 (9) ~~35 (11)~~	16 (5) ~~20 (7)~~	2 (0.6)	X	X	X	NL	152 (46) ~~135 (42)~~	91 (28) ~~85 (26)~~	51 (16) ~~55 (17)~~	28 (9)	4 (1)	X	X
6 (150)	NL	NL	158 (48) ~~135 (42)~~	91 (28) ~~95 (29)~~	55 (17)	18 (5)	1 (0.3)	X	NL	NL	NL	168 (51) ~~145 (45)~~	112 (34)	53 (16)	25 (8)	9 (3)
7 (175) ~~and above~~	NL	NL	NL	NL	161 (49)	78 (24)	40 (12)	19 (6)	NL	NL	NL	NL	NL	148 (45)	88 (27)	54 (16)
8 (200) and above	NL	NL	NL	NL	NL	189 (58)	111 (34)	69 (21)	NL	NL	NL	NL	NL	NL	198 (60)	133 (41)

1. For non-circular ducts, calculate the diameter as four times the cross-sectional area divided by the perimeter.
2. This table assumes no elbows. Deduct 15 feet (5 m) of allowable duct length for each elbow.
3. NL = no limit on duct length of this size.
4. X = not allowed, any length of duct of this size with assumed turns and fitting will exceed the rated pressure drop.

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

Public Review Draft

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

First Public Review (September 2011)
(Draft Shows Proposed Changes to Current Standard)

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FOREWORD
This addendum allows salvaged material content to be added to the recycled content requirement of Reduced Impact Materials.

The annual average industry values for the recycled content of steel products manufactured in basic oxygen furnaces and electric arc furnaces are allowed to be used as the recycled content of the steel. For the purpose of calculating the recycled content contribution of concrete, the constituent materials in concrete (e.g. the cementitious materials, aggregates, and water) are allowed to be treated as separate components and calculated separately.

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Addendum ab to 189.1-2009

Modify Section 9 as follows:

9.4.1.1 Recycled Content and Salvaged Material Content. The sum of ~~*post-consumer recycled content* plus one-half of the *pre-consumer recycled content*~~ the *recycled content* and the salvaged material content shall constitute a minimum of 10%, based on cost, of the total materials in the *building project.*

9.4.1.1.1 Recycled Content. The *recycled content* of a material shall be the *post-consumer recycled content* plus one-half of the *pre-consumer recycled content*, determined by weight. The recycled fraction of the material in a~~n~~ product or an assembly shall then be multiplied by the cost of the product or assembly to determine its contribution to the 10% requirement.

The annual average industry values for the *recycled content* of steel products manufactured in basic oxygen furnaces and electric arc furnaces are allowed to be used as the *recycled content* of the steel. For the purpose of calculating the *recycled content*

contribution of concrete, the constituent materials in concrete (e.g. the cementitious materials, aggregates, and water) are allowed to be treated as separate components and calculated separately.

9.4.1.1.2 Salvaged Material Content. For purposes of this standard, a salvaged material is a material that has been removed in a whole form from a structure and reused in the *building project*. The salvaged material content shall be determined based on the cost of a comparable alternative component material.

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

Public Review Draft

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

First Public Review (September 2011)
(Draft Shows Proposed Changes to Current Standard)

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FOREWORD
ENERGY STAR withdrew its program for programmable thermostats. In its absence, NEMA developed a standard for programmable thermostats. This addendum deletes the ENERGY STAR requirements and requires compliance with the NEMA standard in residential spaces.

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 ac to 189.1-2009

Modify Section 7 as follows:

7.4.7.3 ENERGY STAR Equipment. The following equipment within the scope of the applicable ENERGY STAR program shall comply with the equivalent criteria required to achieve the ENERGY STAR label if installed prior to the issuance of the certificate of occupancy:

b. Heating and Cooling
~~6. Programmable thermostats: ENERGY STAR Program Requirements for Programmable Thermostats~~

~~7.~~6. Ventilating fans: ENERGY STAR Program Requirements for Residential Ventilating Fans

~~8.~~7. Residential Warm Air Furnaces: ENERGY STAR Requirements for Warm Air Furnaces

7.4.7.4 Programmable thermostats

Residential programmable thermostats shall meet the requirements of NEMA Standards Publication DC 3, Annex A-2010, "Energy-Efficiency Requirements for Programmable Thermostats."

7.4.7.4~~-~~5 Commercial Refrigerators, Freezers, and Clothes Washers

Modify Section 11as follows:

11. NORMATIVE REFERENCES

National Electrical Manufacturers Association (NEMA)
1300 North 17th Street, Suite 1752
Rosslyn, VA 22209
1-703-841-3200; www.nema.org

ANSI/NEMA MG-1-2006	Motors and Generators	Appendix C
NEMA DC 3, Annex A-2010	Energy-Efficiency Requirements for Programmable Thermostats	7.4.7.4

Summary of Changes
between the
March 2011 and July 2011
ballot drafts of
CSA B45.11 / IAPMO Z401, Glass plumbing fixtures

Note: This summary shows the substantive technical changes made to the ballot draft of CSA B45.11/IAPMO Z401, *Glass plumbing fixtures*. **The current IAPMO re-circulation ballot is for approving these technical changes only**.

4.1.1 Waste fitting openings and drainage

4.1.1.2
Except when proprietary waste fittings (i.e., non-standard) ~~waste fittings~~ are provided by the manufacturer, the dimensions of waste outlets shall be as shown in Figure 1.

4.1.2.2
When provided, overflows in sinks intended for food preparation (e.g., kitchen and bar sinks) shall not be concealed and shall be accessible for disassembly and cleaning after installation.

4.2 Openings and mounting surfaces for supply fittings

4.2.1
When provided, openings and mounting surfaces for lavatory and sink supply fittings shall be as shown in Figures 2 to 6, except when proprietary supply fittings (i.e., non-standard) ~~supply fittings~~ are provided by the manufacturer.

5.2 Warpage test

5.2.1 Procedure
The specimen shall be placed on a flat and level surface to ascertain the amount of deviation from the horizontal or vertical plane at its edges. If a feeler gauge of a thickness equal to the total warpage allowed in Table 1, as applicable, will not slide under the specimen unless forced, the specimen shall be deemed to comply with the warpage requirements of Table 1, as applicable. If the specimen rocks on two opposite corners, the horizontal or vertical plane shall be determined by placing one feeler gauge, as thick as the total warpage allowed, under a corner that does not touch the flat and level surface and then forcing the specimen down on this gauge. If a second feeler gauge of the same thickness will not slide under the specimen at any other point, the specimen shall be deemed to comply with the warpage requirements of Table 1, as applicable.

5.64 Point impact load test

5.64.1 Procedure
A 38 mm (1.5 in) steel ball shall be dropped three times from a height of 150 mm (6 in) to strike three different points on flat areas on the top of the specimen and any supporting structures and three times in

different places inside the bowl. For the bowl test, one drop shall be made 50 mm (2 in) from the drain, another drop 100 mm (4 in) from the drain, and the last drop on a sloping area of the lavatory or sink. The fixture shall be filled with water and left standing for 5 min.

~~***5.5 Stain resistance test***~~

~~***5.5.1 Procedure***~~

~~*The stain resistance test for lavatories, sinks, and supporting structures shall be conducted in accordance with Clauses 5.11.1 and 5.11.2 of CSA B45.5/IAPMO Z124.*~~

~~***5.5.2 Performance***~~

~~*The maximum stain resistance rating shall be 50. The maximum allowable thickness of material removed to eliminate the stain shall be 0.127 mm (0.005 in).*~~

~~***5.6 Chemical resistance test***~~

~~***5.6.1 Procedure***~~

~~*The chemical resistance test for lavatories, sinks, and supporting structures shall be conducted in accordance with Clauses 5.15.1 and 5.15.2 of CSA B45.5/IAPMO Z124.*~~

~~***5.6.2 Performance***~~

~~*The surface finish shall be unaffected by the reagents except for superficial changes that are removable by sanding with 600 grit wet or dry sandpaper and water. Any resulting damage shall not impair the serviceability of the fixture and shall be easily repairable using abrasive and polishing compounds to approximate the original finish.*~~

~~***5.11***~~ ***5.9 Kitchen sinks***

Kitchen sinks shall comply with Clause~~s 5.20, 5.21,~~ 5.23~~, and 5.24~~ of CSA B45.5/IAPMO Z124.

6.2 Packaging

Packaging for plastic plumbing fixtures shall be marked with the

(a) manufacturer's name or registered trademark or, in the case of private labelling, the name of the customer for whom the fixture was manufactured; and

(b) model number.

~~***6.2***~~ ***6.3 Installation instructions***

Glass fixtures complying with this Standard shall be accompanied by the manufacturer's installation instructions.

[Note – the changes are seen below using strikeout for removal of old text and gray highlights to show the suggested text. ONLY the highlighted text is within the scope of this ballot.]

NSF/ANSI Standard
for Drinking Water Treatment Units –

4.1 Materials in contact with drinking water

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4.1.2 The product shall be tested in accordance with 4.2.3. If the product does not impart a concentration of an extractable contaminant at a level that exceeds either the MCC~~,~~ or MDWL~~, or advisory concentrations~~ in table 1, 2, or 4, the product shall be deemed to have met the requirements of 4. ~~If the product does impart a concentration of an extractable contaminant at a level that exceeds the advisory concentration, but not the MCC or MDWL, the product shall be deemed to have met the requirements of 4, but the manufacturer shall be notified of the concentration of the extractable contaminant, and a new product sample(s) shall be immediately retested in accordance with 4.2.3.6. For the parameters in table 4, the required follow-up analyses shall also be performed after the product has been exposed according to 4.2.3.6, if they were not performed as part of the initial exposure under 4.2.3.2.~~

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4.2 Materials evaluation

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4.2.3 Exposure

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~~**4.2.3.6** If the level of an extractable contaminant exceeds an advisory concentration in table 1, 2, or 4, the 72-h test exposure sequence in 4.2.3.2 shall be repeated three times using a new product sample(s). The extractant water from the third 24-h exposure of the third 72-h exposure sequence shall be analyzed to determine whether the concentration of the extractable contaminant has been reduced to a concentration less than or equal to the advisory concentration.~~

Reason: This requirement is not health based, but is instead based on arbitrary "advisory concentrations". Further, the outcome of the test is indeterminate if the concentration still exceeds the advisory concentration after the test.

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Revision to NSF/ANSI 305-2009e
Issue 11, Draft 1 (August 2011)

NSF/ANSI Standard
for Personal Care Products

Personal Care Products Containing Organic Ingredients

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2.1 Normative references

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CDFA, *California Organic Products Act of 2003* ((Food and Agricultural Code Sections 46000-46029, Health and Safety Code Sections 110810-110959)[4]

Commission Regulation (EC) No 889/2008 of 5 September 2008 laying down detailed rules for the implementation of Council Regulation (EC) No 834/2007 on organic production and labelling of organic products with regard to organic production, labelling and control[5]

Council Regulation (EC) No 834/2007 of 28 June 2007 on organic production and labelling of organic products and repealing Regulation (EEC) No 2092/91[6]

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6.2 Calculating organic percentage

The percentage of all organically produced ingredients in an agricultural product sold, labeled, or represented as "contains organic [specified ingredients]," or as including organic ingredients shall be calculated by:

– Dividing the total net weight (excluding mined minerals, water and salt) of combined organic ingredients at formulation by the total weight (excluding mined minerals, water and salt) of the combined ingredients;

– Dividing the fluid volume of all organic ingredients (excluding mined minerals, water and salt) by the fluid volume of the finished product (excluding mined minerals, water and salt) if the product and ingredients are liquid. If the liquid product is identified on the principal display panel or information panel as being reconstituted from concentrates, the calculation shall be made on the basis of single-strength concentrations of the ingredients and combined ingredients; or

– For products containing organically produced ingredients in both solid and liquid form, dividing the combined weight of the solid ingredients and the weight of the liquid ingredients (excluding mined minerals, water and salt) by the total weight (excluding mined minerals, water and salt) of the combined ingredients.

For organic agricultural ingredients that have undergone approved reactions as specified in this Standard, the percent organic contribution of these ingredients is specified in 6.5.

The percentage of all organically produced ingredients in an agricultural product shall be rounded down to the nearest whole number.

The handler who affixes the label on the consumer package shall determine the organic percentage of the product. The handler shall use information provided by the compliant operation in determining the percentage.

6.2.1 Calculating EU-Certified organic percentage

A manufacturer using ingredients that are certified to European Union (EU) organic standards (EC 834/2007, EC 889/2008) shall request and maintain documentation from the EU-certified organic manufacturer, producer, or handler that specifies the actual organic content of the ingredient as part of the process if the actual organic content is not provided for on the EU organic certificate. This shall be considered a necessary component for the calculation the organic percentage of the formulation.

Reason: This language is being proposed so it clearly outlines how EU ingredients are be to factored into the final organic percentage.

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7.5.2 Agricultural packaged products

Agricultural products in packages described in 7 CFR 205.301(c) shall:

– In the ingredient statement, identify each organic ingredient with the word "organic" or with an asterisk or other reference mark that is defined below the ingredient statement to indicate that the ingredient is organically produced to the USDA National Organic Program (NOP). Mined minerals, salt, and water included as ingredients shall not be identified as organic.

For ingredients made with organic materials produced by processes specified in 5.3, a separate asterisk should refer to the statement “Contains Organic Ingredients”.

For ingredients used following EC 834/2007 and EC 889/2008, a separate asterisk should refer to the statement “EU Organic”.

Example:

Ingredients: Water, Aloe Vera*, Sodium Coco Sulfate**, Coco Glucoside**, Soy Protein*, Anthyllis Extract***, Benzoic Acid

* Organic
** Contains Organic Ingredients
*** EU Organic

– Identify the certifying agent that certified the handler of the finished product. This information shall appear on the information panel, below the information identifying the handler or distributor of the product and after the phrase "Certified to NSF/ANSI 305" or a similar phrase. The business address, web address, or telephone number of the certifying agent may be included in this label.

Reason: This language is being proposed to ensure truth in labeling.

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[4] Department of Food and Agriculture, 1220 N Street Sacramento, CA 95814 <www.cdfa.ca.gov/is/docs/copa2003.pdf>.

[5] European Commission, Rue de la Loi 200, 1049 Brussels, Belgium <eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2008:250:0001:0084:EN:PDF>.

[6]European Council, Rue de la Loi 175, B-1048 Brussels, Belgium <eur-lex.europa.eu/LexUriServ/LexUriServ.do?uri=OJ:L:2007:189:0001:0023:EN:PDF>.

BSR/UL 2089 proposal

1.1 These requirements cover portable vehicle battery adapters rated 24 V dc or less that are intended to be supplied from ~~the battery-powered electrical system of a vehicle and used in accordance with the National Electrical Code, NFPA 70. Connection to a vehicle electrical system in which the vehicle chassis is connected to the negative side of the battery supply is by means of a connector intended for insertion into~~ a vehicle cigarette lighter receptacle or power outlet. Vehicle battery adapters may supply outputs for appliances such as portable radios, tape players, battery chargers, and tools.

BSR/UL 561 –

NOTE FROM THE PROJECT MANAGER: Only the affected portion of the proposal is show below for brevity.

16A.4.3 The test parameters and conditions used in the investigation of the circuit covered by 16A.4.1 shall be as specified in the Standard for Safety for Tests for Safety-Related Controls Employing Solid-State Devices, UL 991, using the following test parameters:

f) The Computational Investigation is not applicable to appliances covered by this end product standard; ~~When a Computational Investigation is conducted, λ_p shall not be greater than X;~~

PROPOSAL FOR BSR/UL 746B

Table 7.1

Relative thermal indices based upon past field-test performance and chemical structure[a]

Material	ISO designation	Generic thermal index,°C
Polyamide (Type 6, 11, 12, 66, 610, or 612 nylon)[b]	(PA)	65
Polycarbonate[b]	(PC)	80
Polycarbonate/Siloxane Copolymer[k]	(PC/Siloxane)	80
Polyethylene terephthalate -		
molding resin[b]	(PET)	75
film (0.010 inch, 0.25 mm)	(PET)	105
Polybutylene (polytetramethylene) terephthalate[b]	(PBT)	75
Polyphenylene Oxide[j]	(PPE - PS)	65
Polypropylene[b,h]	(PP)	65
Polyetherimide[g]	-	105
Polyethersulfone	PES	105
Polyphenylene Sulfide[b]	(PPS)	130
Polyimide film (0.25 mm, 0.010 inch max)	(PI)	130
Molded phenolic[c]	(PF)	150
Molded melamine[c,d] and Molded melamine/phenolic[c,d] -		
specific gravity < 1.55		130
specific gravity ≥ 1.55		150
Polytetrafluoroethylene	(PTFE)	180
Polychlorotrifluoroethylene	(PCTFE)	150
Fluorinated ethylene propylene	(FEP)	150
Fluorinated ethylene propylene	(FEP)	150
Poly(tetrafluoroethylene, hexafluoropropylene, vinylidenefluoride)[l]	(TFE/HFP/VDF)	130
Ethylene/Tetraflouroethylene	(E/TFE)	105

Urea Formaldehyde[c]	(UF)	100
Acrylonitrile - butadiene - styrene[b]	(ABS)	60
Silicone - molding resin[c,d]		150
Silicone rubber -		
molding resin	(SIR)	150
room-temperature vulcanizing or heat-cured paste	(RTV)	105
Epoxy -		
molding resin[c,d]		130
powder coating materials		105
casting or potting resin[b,i]	(EP)	90
Molded diallyl phthalate[c,d]		130
Molded unsaturated polyester[c,d]	(UP)	
alkyd (AMC), bulk (BMC), dough (DMC), sheet (SMC),		
thick (TMC), and pultrusion molding compounds	(electrical)	105[e]
	(mechanical)	130
Liquid crystalline thermotropic aromatic polyester[f]	(LCP)	130
Ligno-cellulose laminate		60
Vulcanized fiber		90
Cold-molded phenolic, melamine or melamine-phenolic compounds[d] -		
specific gravity< 1.55		130
specific gravity ≥ 1.55		150
Cold-molded inorganic (hydraulic-cement, etc.) compounds		200
Integrated mica, resin-bonded -		
epoxy, alkyd or polyester binder		130
phenolic binder		150
silicone binder		200
[a] Generic thermal index is for homopolymer and for the compounding of the same type or relative resins, either grafted or ungrafted only, unless a specific copolymer or blend is indicated. In the case of alloys, the lowest generic index of any component shall be assigned to the		

composite. The term "grafted" means all of the monomer reacts to form a polymer, and the polymer chain forms a chemical bond. The term "ungrafted" means that the two types of polymer chains entwine with each other by mechanical blending to form a chemical composite.

[b] Includes glass-fiber reinforcement and/or talc, asbestos, mineral, calcium carbonate, compounding of the same type of resins, either grafted or ungrafted and other inorganic fillers.

[c] Includes only compounds molded by high-temperature and high-pressure processes such as injection, compression, pultrusion, and transfer molding and match-metal die molding; excludes compounds molded by open-mold or low-pressure molding processes such as hand lay-up spray-up, contact bag, filament winding, rotational molding, and powder coating (fluidized bed, electrostatic spray, hot dip, flow coating).

[d] Includes materials having filler systems of fibrous (other than synthetic organic) types but excludes fiber reinforcement systems using resins that are applied in liquid form. Synthetic organic fillers are to be considered acceptable at temperatures not greater than 105°C.

[e] Except 130°C generic thermal index if the material retains at least 50% of its unaged dielectric strength after a 504-hour exposure at 180°C in an air circulating oven. Specimens are to be tested in a dry, as molded, condition. Specimens that are removed from the oven are to be cooled over desiccant for at least 2 hours prior to testing.

[f] Includes only wholly aromatic liquid crystalline thermotropic polyesters; wholly aromatic polyester/amides and wholly aromatic polyester/ethers; excluding amorphous, lyotropic and liquid crystalline aliphatic-aromatic polyesters which are aliphatic in the backbone chain or main chain, and substituted aromatic polyesters (except for methyl or aromatic).

[g] Includes only polyetherimide molding resin.

[h] Includes polypropylene copolymers containing not more than 25% ethylene comonomer, by weight.

[i] Multi-part liquid epoxy materials incorporating acid anhydride or aromatic amine curing agents receive a 130°C generic thermal index.

[j] Includes only those polyphenylene oxide materials in which the PPO component is not less than 30% of the total composition by weight and that have a Heat Deflection Temperature of at least 70°C at a load (fiber stress) of 1.80 M Pa (264 psi).

[k] PC/Siloxane Copolymers in which siloxane comprises less than, or equal to, 5% of the total material composition by weight.

[l] Must have a minimum peak melting point of 160 °C, with less than 25% VDF monomer by weight and the remainder being fully fluorinated monomers.

BSR/UL 817-201x

SA7.4 A load fitting shall:

a) Be provided with a threaded coupling ring for attachment to a threaded hub of a shore power inlet that shall be positively retained in place on the load fitting. The coupling ring shall have a 2-3/4 - 16, Class 2 thread having at least three full threads. See Figure SA7.1.

The load fitting can also be provided with a threaded coupler that engages the threaded hub of a shore power inlet that shall be positively retained in place on the load fitting. The coupler shall have a 2-3/4 - 16, Class 2 female thread and engage at least three threads of the shore power inlet. The threads are not required to go around the complete coupler.

b) Prevent water from entering between the load fitting and the shore power inlet as determined by the flexure and water-spray test in Section SA10.

c) Be dimensioned to couple with a shore power inlet of a corresponding configuration. See Figure SA7.2 and Table SA7.1 for the required dimensions of cord connectors and shore power inlets.

BSR/UL 1004-2 Proposal

29.1 A motor that uses alternate ~~types of outer wrap tape or uses alternate bobbin~~ major insulation system component materials shall have each material subjected to the ~~Locked-Rotor or No-Load Temperature Test, Section 41A, and the~~ Endurance Test, Section 41B. Following the tests, the ~~tape and/or bobbin shall not shift or distort to result in a reduction of spacings or to expose uninsulated live parts~~ motor shall not exhibit an increased risk of fire or electric shock.

Exception: It shall not be necessary to repeat the Endurance Test, Section 41B, to evaluate the suitability of the alternate material when all the following are met:

a) The alternate major insulation system component is of the same geometry, the same polymeric class (thermoplastic/thermoset), and is other than the magnet wire;

b) The Electrical and Mechanical Tensile Strength RTIs of the alternate material are, at a minimum, equal to the rating of the insulation system; and

c) The heat deflection temperature for the alternate material is either as high as or higher than:

1) The highest temperature plus 10°C recorded during the Locked-Rotor or No-Load Temperature Test, Section 41A, conducted on the motor originally; or

2) The heat deflection temperature for the original material.

29.2 It shall not be necessary to repeat the Endurance Test, Section 41B, for alternate minor insulation system components.

BSR/UL 1004-3 Proposal

29.1 A motor that uses alternate ~~types of outer wrap tape or uses alternate bobbin~~ major insulation system component materials shall have each material subjected to the ~~Locked Rotor Temperature Test, Section 41A, and the~~ Locked Rotor Endurance Test, Section 41B. Following the tests, the ~~tape and/or bobbin shall not shift or distort to result in a reduction of spacings or to expose uninsulated live parts~~ motor shall not exhibit an increased risk of fire or electric shock.

Exception: It shall not be necessary to repeat the Locked Rotor Endurance Test, Section 41B, to evaluate the suitability of the alternate material when all the following are met:

a) The alternate major insulation system component is of the same geometry, the same polymeric class (thermoplastic/thermoset), and is other than the magnet wire;

b) The Electrical and Mechanical Tensile Strength RTIs of the alternate material are, at a minimum, equal to the rating of the insulation system; and

c) The heat deflection temperature for the alternate material is either as high as or higher than:

1) The highest temperature plus 10°C recorded during the Locked Rotor Temperature Test, Section 41A, conducted on the motor originally; or

2) The heat deflection temperature for the original material.

29.1.2 It shall not be necessary to repeat the Locked Rotor Endurance Test, Section 41B, for alternate minor insulation system components.

BSR/UL 1008 –

Allow the Use of 90° Wire on Circuit Breaker Type Transfer Systems at Ratings of 400 A and Below, Revised Table 34.1

(Only part of the table including the revised portion is shown, the rest has been deleted for brevity.)

Table 34.1

Maximum acceptable temperature rises

Materials and compounds	°C	°F
1. Knife-switch blades and contact jaws	30[a]	54
2. Fuse clips	30	54
3. Rubber- or thermoplastic-insulated conductors[b,c]	35	63
4. Field-wiring terminals:[d]		
Maximum 400 amperes	50	90
A 200 amperes or 400 amperes 100% rated transfer system using circuit breakers or circuit interrupters	60[e]	108
Over 400 amperes	60[e]	108

[a] Applicable only to devices for use with Class H fuses when tested with dummy fuses installed.

[b] The limitations on insulating materials do not apply to a material or compound that has been investigated and has special heat resistance-properties.

[c] For standard insulated conductors other than those specified in item 3 of Table 34.1, reference shall be made to the National Electrical Code, ANSI/NFPA 70. The maximum allowable temperature rise in any case is 25°C (45°F) less than the allowable temperature limit of the wire in question.

[d] The temperature on a wiring terminal or lug is measured at the point that will be contacted by the insulation of a conductor installed as in actual service.

[e] See 51.53 for information on the marking required for devices for which the maximum temperature rise recorded on its terminals exceeds 50°C (90°F).

Allow Ventilated Enclosures Using Circuit Breaker Elements at 400 A or More Rather Than at the Present 800 A Level, Revised 6.3.1

6.3.1 The enclosure of a transfer switch rated 800 A or more or a transfer system rated 400 A or more using circuit breakers or circuit interrupters may be provided with ventilating openings. Ventilation openings shall comply with the requirements in 6.3.2 - 6.3.19.