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: April 22, 2012

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

Addenda

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

This addendum adds definitions of “bubble point” and “dew point” to Section 3 of this Standard.

Click here to see these changes in full at the end of Standards Action

Send comments (with copy to psa@ansi.org) to: Online Comment Database at http://www.ashrae.org/standards-research--technology/public-review-drafts

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

Addenda

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

This addendum adds new zeotropic refrigerant 443A to Table 2 and Table D2.

Click here to see these changes in full at the end of Standards Action

Send comments (with copy to psa@ansi.org) to: Online Comment Database at http://www.ashrae.org/standards-research--technology/public-review-drafts

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

Addenda

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

This addendum modifies Section 9.5.2.2, Azeotropic Blends, to define the requirements applicants shall provide as evidence of the existence of an azeotropic blend within the intended application range in requesting an R-500 Series Designation.

Click here to see these changes in full at the end of Standards Action

Send comments (with copy to psa@ansi.org) to: Online Comment Database at http://www.ashrae.org/standards-research--technology/public-review-drafts

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

Addenda

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 VRP is “too complicated.” SSPC 62.1 disagrees with this in most cases - the basics of the VRP are quite straightforward. SSPC agrees that application of the multiple-zone recirculating system equations in Section 6.2.5 and Appendix A can be complex. The first public review provided a default value for Vpz. Based on a public review comment SSPC has revised the approach used. Table 6-3 provides default values for Ev based on Max (Zp) up to a value of 0.55. For higher values of Max (Zp), then Appendix A is needed to determine Ev. This proposed addendum will provide a default value for Ev for values of Max (Zp) above 0.55.

Click here to see these changes in full at the end of Standards Action

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

Addenda

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

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 and assigns this new space type with an air class of 2 rather than class 1 from the first publication public review version.

Click here to see these changes in full at the end of Standards Action

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

Addenda

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

This proposed addendum adds an exception to the recirculation limits on Class 4 exhaust airstreams from laboratory hoods, which would allow use of heat wheel energy recovery in some cases. The exception defines several criteria which the airstream must meet before such heat recovery can be used, and the heat recovery system must limit recirculation airflow to less than 0.5% of the outdoor air intake flow.

Click here to see these changes in full at the end of Standards Action

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

Addenda

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

This proposed addendum adds a refrigerated warehouse space type to Table 6-1, providing revised ventilation rates for these spaces. These rates include a “People Outdoor Air Rate, Rp”, which will require ventilation during periods of expected occupancy, but do not include an “Area Outdoor Air Rate, Ra”, which will allow the ventilation rate to be zero for refrigerated warehouses with no occupants. Note E to Table 6-1 is modified to indicate that if combustion-powered equipment (e.g., a propane forklift) is used in the space, additional ventilation is required.

Click here to see these changes in full at the end of Standards Action

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

Addenda

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

This proposed addendum removes Method A of ASTM E1554 as an option for the duct tightness testing in the new proposed Section A4.1. This proposed change was previously posted as a second public review (independent substantive change pubic review).

Click here to see these changes in full at the end of Standards Action

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

Addenda

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

This proposed change clarifies that a system must be operated in order to achieve the stated purpose of the standard to define minimum requirements for acceptable indoor air quality. Currently the standard is vague such that a system could be installed and turned off and be in compliance. A non-operating system cannot achieve the air change rate required in Section 4.1 of the standard. Elsewhere in the standard (Section 4.4) it is stated that: “Readily accessible override control must be provided to the occupant.” This proposed change makes it clear that the override control is modifying or suspending normal operation.

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

Addenda

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

Historically, local exhaust fans have been permitted to serve the dual function of providing whole-house ventilation and local exhaust. When serving as dual-duty fans, the whole-house rate and the local exhaust rate have not been required to be additive. This proposed change is needed to clarify that the whole building ventilation rate can be credited towards the local exhaust rate, and that the rates are not required to be additive.

Click here to see these changes in full at the end of Standards Action

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

Addenda

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

This proposal updates referenced standards for ARI 340/360 and ARI 1230 in various provisions covering mechanical systems in 90.1-2010.

Click here to see these changes in full at the end of Standards Action

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

Addenda

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

The new exception b proposed to G3.1.2.9.1 allows the baseline building design supply air to be sized based on the same humidity ratio difference of the proposed design. New proposed section G3.1.3.18 requires the baseline building design to count only 25% of the total energy used to reheat the supply air stream.

Click here to see these changes in full at the end of Standards Action

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

Addenda

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

This addendum adds requirements for Electronically Commutated Motors (ECM) which are more efficient and are cost effective compared to standard (PSC) motors in applications where the fan runs many hours per day (e.g. toilet exhaust fans, series fan-powered VAV boxes, and fan-coil units) other than those in the airstream that operate only when heating a space since the motor in that case behave essentially as an electric resistance heater.

Click here to see these changes in full at the end of Standards Action

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

Addenda

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

The current wording of Standard 90.1 limits simultaneous heating and cooling in Zone Controls, hydronic systems, dehumidification systems, and humidification systems. The existing wording does not limit simultaneous heating and cooling in some air handling equipment serving multiple zones. This addendum is intended to limit some of these cases.

Click here to see these changes in full at the end of Standards Action

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

Addenda

BSR/ASHRAE/USGBC/IES Addendum 189.1aa-201x, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)

This addendum clarifies the requirements for Visible Transmittance (VT) of Skylights and Roof Monitors apply only to those products when they are used to comply with the minimum daylighted area requirements.

Click here to see these changes in full at the end of Standards Action

Send comments (with copy to psa@ansi.org) to: ashrae1891faq@ashrae.org

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

Addenda

BSR/ASHRAE/USGBC/IES Addendum 189.1x-201x, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)

This addendum corrects a mistake made in the original proposed addendum with regards to the threshold uplight ratings and updates a reference made by this section.

Click here to see these changes in full at the end of Standards Action

Send comments (with copy to psa@ansi.org) to: ashrae1891faq@ashrae.org

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

Addenda

BSR/ASHRAE/USGBC/IES Addendum 189.1b-201x, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)

This addendum addresses situations in which the requirement for a three-surface entry mat system is not warranted based on limited traffic at the entrance.

Click here to see these changes in full at the end of Standards Action

Send comments (with copy to psa@ansi.org) to: ashrae1891faq@ashrae.org

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

Addenda

BSR/ASHRAE/USGBC/IES Addendum 189.1c-201x, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)

This addendum narrows the scope of the reference to 90.1 to just those sections involved with exterior lighting.

Click here to see these changes in full at the end of Standards Action

Send comments (with copy to psa@ansi.org) to: ashrae1891faq@ashrae.org

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

Addenda

BSR/ASHRAE/USGBC/IES Addendum 189.1d-201x, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)

This addendum clarifies the intent of this exception to relax the limitations of 150 feet and 100 feet for the case of low-impact trails.

Click here to see these changes in full at the end of Standards Action

Send comments (with copy to psa@ansi.org) to: ashrae1891faq@ashrae.org

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

Addenda

BSR/ASHRAE/USGBC/IES Addendum 189.1e-201x, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)

This addendum updates Standard 189.1-2011 references to Energy Star.

Click here to see these changes in full at the end of Standards Action

Send comments (with copy to psa@ansi.org) to: ashrae1891faq@ashrae.org

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

Addenda

BSR/ASHRAE/USGBC/IES Addendum 189.1f-201x, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)

This addendum updates the modeling requirements for on-site renewable energy systems in Normative Appendix D.

Click here to see these changes in full at the end of Standards Action

Send comments (with copy to psa@ansi.org) to: ashrae1891faq@ashrae.org

NSF (NSF International)

Revisions

BSR/NSF 40-201x (i20), Residential wastewater treatment systems (revision of ANSI/NSF 40-2010)

Issue 20 - The purpose of this ballot is to harmonize the alkalinity parameters in NSF/ANSI 40 to that of NSF/ANSI 245 - Nitrogen Reduction.

Click here to see these changes in full at the end of Standards Action

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

NSF (NSF International)

Revisions

BSR/NSF 140-201x (i17), Sustainability Assessment for Carpet (revision of ANSI/NSF 140-2010)

Issue 17 - The purpose of this ballot is to change the prerequisites listing in Section 4 and one revision in Section 10. Due to an error in the revision 2 ballot document, the corrected text is being reballoted as revision 3.

Click here to see these changes in full at the end of Standards Action

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

NSF (NSF International)

Revisions

BSR/NSF 140-201x (i21), Sustainability Assessment for Carpet (revision of ANSI/NSF 140-2010)

Issue 21: The purpose of this ballot is to add language in several sections to clarify intent.

Click here to see these changes in full at the end of Standards Action

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

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 778-201x, Standard for Safety for Motor-Operated Water Pumps (revision of ANSI/UL 778-2011a)

To resolve comments received by UL to the following proposals for UL 778, which were originally published on December 16, 2011:

(a) Add requirements for Elevator Hoistway Sump Pumps; and

(b) The use of temperature limits instead of temperature rises for the Temperature Test.

Click here to see these changes in full at the end of Standards Action

Send comments (with copy to psa@ansi.org) to: Derrick Martin, (408) 754-6656, Derrick.L.Martin@ul.com

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 1072-201x, Standard for Safety for Medium-Voltage Power Cables (revision of ANSI/UL 1072-2011a)

Revision to permit compact-stranded aluminum conductors to be concentric-lay-stranded.

Click here to see these changes in full at the end of Standards Action

Send comments (with copy to psa@ansi.org) to: Camille Alma, (631) 271-6200, Camille.A.Alma@ul.com

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 1277-201x, Standard for Safety for Electrical Power and Control Tray Cables with Optional Optical-Fiber Members (revision of ANSI/UL 1277-2010)

Addition of copper-alloy wires and tapes as shielding material.

Click here to see these changes in full at the end of Standards Action

Send comments (with copy to psa@ansi.org) to: Camille Alma, (631) 271-6200, Camille.A.Alma@ul.com

Comment Deadline: May 7, 2012

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoptions

BSR/AAMI/ISO 25539-3-201x, Cardiovascular implants - Endovascular devices - Part 3: Vena Cava Filters (identical national adoption of ISO 25539-3)

AAMI/ISO 25539-3 specifies requirements for vena cava filters, based upon current medical knowledge. With regard to safety, it gives requirements for intended performance, design attributes, materials, design evaluation, manufacturing, sterilization, packaging and information supplied by the manufacturer. It should be considered as a supplement to ISO 14630, which specifies general requirements for the performance of non-active surgical implants.

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

Obtain an electronic copy from: www.aami.org

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

Send comments (with copy to psa@ansi.org) to: Cliff Bernier, (703) 253 -8263, CBernier@aami.org

ABYC (American Boat and Yacht Council)

New Standards

BSR/ABYC P-24-201x, Electric/Electronic Propulsion Control Systems (new standard)

This standard is a guide for the design, construction, testing, and installation of systems for electric/electronic remote control of forward and reverse thrust, speed, and trim/tilt of propulsion machinery on boats.

Single copy price: $ 50.00

Obtain an electronic copy from: www.abycinc.org

Order from: www.abycinc.org

Send comments (with copy to psa@ansi.org) to: comments@abycinc. org

ABYC (American Boat and Yacht Council)

New Standards

BSR/ABYC P-27-201x, Electric/Electronic Steering Control Systems (new standard)

This standard is a guide for the design, construction, testing, and installation of systems for electric/electronic steering on boats.

Single copy price: $ 50.00

Obtain an electronic copy from: www.abycinc.org

Order from: www.abycinc.org

Send comments (with copy to psa@ansi.org) to: comments@abycinc. org

ANS (American Nuclear Society)

New Standards

BSR/ANS 2.21-201x, Criteria for Assessing Atmospheric Effects on the Ultimate Heat Sink (new standard)

This standard describes atmospheric effects for consideration when designing ultimate heat sinks for safety-related systems at nuclear power units. Required analyses are provided for a meteorological assessment of the ultimate heat sink, to ensure design temperatures and cooling capacity requirements for the facility are met. The standard is intended to apply to new nuclear units or the re-design of the cooling systems at existing nuclear units.

Single copy price: $ 20.00

Obtain an electronic copy from: pschroeder@ans.org

Order from: Patricia Schroeder, (708) 579-8269, pschroeder@ans.org

Send comments (with copy to psa@ansi.org) to: Same

APCO (Association of Public-Safety Communications Officials-International)

New Standards

BSR/APCO ANS 3.104.1-201x, Core Competencies and Minimum Training Standard for Public Safety Communications Training Coordinator (new standard)

Identifies the core competencies and minimum training requirements for Public Safety Communications Training Coordinators. This position is typically tasked with the planning, development, coordination, implementation, and administration of training within the Agency. This document seeks to define the knowledge, skills, competencies, and minimum training requirements of the individual responsible for the training program, as well as the agency's responsibilities for providing training to individuals in this critical function.

Single copy price: Free

Obtain an electronic copy from: standards@apcointl.org

Order from: Crystal McDuffie, (919) 625-6864, standards@apcointl.org

Send comments (with copy to psa@ansi.org) to: standards@apcointl. org

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. It 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; in this case, ANSI/ASABE AD500-1:2004 W/Cor.1, ASABE/ISO 500-2:2004, ASABE/ISO 500-3:2004, and ISO 730 apply.

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 psa@ansi.org) to: Same

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

New Standards

BSR/ASHRAE Standard 190P-201x, Method of Testing for Rating Indoor Pool Dehumidifiers (new standard)

The purpose of this standard is to prescribe test methods for determining the moisture removal capacity and efficiency, the pool heating capacity, and sensible and total cooling capacity for indoor pool dehumidifiers.

Single copy price: $ 35.00

Obtain an electronic copy from: http://www.ashrae.org/standards-research--technology/public-review-drafts

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

Revisions

BSR/ASHRAE Standard 105-201x, Standard Methods of Determining, Expressing, and Comparing Building Energy Performance and Greenhouse Gas Emissions (revision of ANSI/ASHRAE Standard 105 -2007)

This revision of ANSI/ASHRAE Standard 105 provides a method of energy performance determination, expression, and comparison that can be applied to any building. This edition of Standard 105 is intended to provide a common basis for reporting building energy use in terms of delivered energy forms, expressions of energy performance for inventory purposes or comparing design options or re-commissioning or renovation actions, and comparisons of energy performance in terms of energy resources used and greenhouse gas emissions created, both across buildings and for energy efficiency measures within buildings.

Single copy price: $ 35.00

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

Addenda

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

This proposed addendum adds requirements to the IAQ Procedure for determining minimum ventilation rates which require consideration of the combined effects of multiple contaminants of concern on individual organ systems. This “additive” effect is already implicit in the Ventilation Rate Procedure. This is intended to improve the IAQ Procedure by requiring consideration of these additive effects that are well established in the literature for many organ systems. The change requires identifying those contaminants of concern that act on individual organs and identifying those contaminants as a “contaminant mixture of concern.”

Single copy price: $ 35.00

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

Addenda

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

The prescriptive approach to limiting house depressurization that is currently in the standard is a good strategy for new construction, which is often tighter, but it becomes highly limiting in existing homes which are often leakier. It does not seem reasonable to require these limitations if combustion safety can be demonstrated through a performance approach. This proposed change prevents the standard from being perceived as requiring full updating to code in order to comply, including possible replacement of all combustion appliances. The addition of the Performance Approach to 6.4.2 allows for demonstrated combustion safety.

Single copy price: $ 35.00

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Addenda

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

This proposed addendum removes any credit for assumed infiltration. It does not change the overall target ventilation rate, and credit for measured infiltration is still allowed. The effect of this change is to ensure that each home will have the required minimum ventilation rate regardless of airtightness. This is especially important as homes are becoming commonly tighter than was assumed previously in 62.2. This change is consistent with the total ventilation rate method in the recently published Addendum n and also with the recently published addendum on multifamily buildings.

Single copy price: $ 35.00

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Addenda

BSR/ASHRAE Addendum 170q-201x, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2008)

The proposed addendum provides additional information to the designer concerning other potential pharmacy requirements that may be imposed by State pharmacy regulations. The proposed addendum also provides clarification concerning a configuration of air intake not explicitly described previously and addresses radiant heating systems utilizing wall panels.

Single copy price: $ 35.00

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Addenda

BSR/ASHRAE Addendum 170s-201x, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2008)

The proposed changes are intended to clarify and coordinate requirements of the Standard with the FGI Guidelines for Design and Construction of Health Care Facilities.

Single copy price: $ 35.00

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Addenda

BSR/ASHRAE Addendum ai to ANSI/ASHRAE Standard 135-2010, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2010)

The purpose of this addendum is to add a Network Port Object Type to provide a BACnet-visible mechanism for viewing and/or configuring a device's network settings.

Single copy price: $ 35.00

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Addenda

BSR/ASHRAE Addendum al to ANSI/ASHRAE Standard 135-2010, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2010)

This proposed addendum specifies a set of Best Practices for Gateway Design that are recommended for the design of successful gateways to/from the BACnet protocol. The addendum also adds new BIBBS and Devices Profiles.

Single copy price: $ 35.00

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Addenda

BSR/ASHRAE Addendum ao to ANSI/ASHRAE Standard 135-2010, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2010)

This proposed addendum:

- updates ReadRange to match changes in the service made by Addendum 2001b;
- adds Present Value Range to Value Objects;
- clarifies Reject-Message-To-Network reason #3 DNET;
- prevents reliance on Static Router Bindings; and
- adds Property_List Property.

Single copy price: $ 35.00

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Addenda

BSR/ASHRAE Addendum aq to ANSI/ASHRAE Standard 135-2010, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2010)

This proposed addendum adds Elevator Objects and COVMultiple Services.

Single copy price: $ 35.00

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Addenda

BSR/ASHRAE Addendum i to ANSI/ASHRAE Standard 135-2010, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2010)

This proposed addendum defines a new Lighting Output Object type.

Single copy price: $ 35.00

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Addenda

BSR/ASHRAE Addendum k to ANSI/ASHRAE Standard 135.1-2009, Method of Test for Conformance to BACnet (addenda to ANSI/ASHRAE Standard 135.1-2009)

The existing MS/TP tests are not usable without a test tool that implements them. This addendum adds a set of MS/TP tests that can be applied without such a custom test tool.

Single copy price: $ 35.00

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Addenda

BSR/ASHRAE Addendum m to ANSI/ASHRAE Standard 135.1-2009, Method of Test for Conformance to BACnet (addenda to ANSI/ASHRAE Standard 135.1-2009)

This addendum:

- adds a Network Priority test and Virtual Router tests;
- replaces Time Master tests; and
- adds Backup and Restore tests, an APDU Retry test, and Workstation Schedule Interaction tests.

Single copy price: $ 35.00

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Addenda

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

This Addendum covers the addition of a flow turndown requirement to the Standard which will require the use of cooling towers capable of handling modulation of condenser water flow as a means to save energy, and as virtually all heat rejection equipment utilize VSDs on the 7.5 HP fans and above, a requirement to operate the maximum number of fans in a multi-fan installation to minimize energy for a given duty has been added as 6.5.5.2.2.

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Addenda

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

This addendum establishes guidelines for claiming energy savings that result from reduced infiltration in Appendix G. The proposed change allows credit for buildings that complete envelope pressurization testing in accordance with ASTM 7979. The proposal establishes a baseline air leakage rate of 0.40 cfm/sq.ft. at 75Pa pressure differential.

Single copy price: $ 35.00

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Addenda

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

This addendum updates Section 11 and Appendix G to be consistent with three addenda to 90.1-2007 . The changes to 11.3.2(b) and G3.1.2.1 is in response to Addendum M from 90.1-2007, which introduced the two paths for chiller efficiency. The new row for Table G3.1 is in response to Addendum O from 90.1-2007, which added new requirements for distribution transformers. The changes to G3.1.2.8 and Tables G3.1.2.6A, G3.1.2.6B and 11.3.2D are in response to Addendum cy from 90.1-2007.

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Addenda

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

Currently in Appendix G, the choice of space heating energy source (either electricity or fossil fuel) in the proposed design determines the energy source in the baseline building design, and similarly the choice of service water heating energy source in the proposed design determines the water heating energy source in the baseline building design. To prevent this opportunity for “gaming” the energy savings projected using Appendix G, this addendum specifies the energy source for space heating and water heating to be used in the baseline building design regardless of the type of energy specified for space heating or water heating in the proposed design.

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Addenda

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

This addendum adds turndown requirements for boiler systems with design input of at least 1,000, 000 Btu/h

Single copy price: $ 35.00

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Addenda

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

The current Building Envelope Trade-Off Option relies on a complex set of regression equations described in Appendix C and based on analyses of building enclosures for the three broad space-conditioning categories. This proposed addendum modifies the Building Envelope Trade-Off Option, primarily through a replacement of the Appendix C equations and now requires the use of building energy analysis software (e.g., EnergyPlus or DOE-2).

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Addenda

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

This proposal replaces the Building Area Method for lighting compliance with a new approach to Whole Building Lighting. This method will provide a simplified method of compliance while saving energy through reduced Lighting Power Densities and additional controls. It is intended for use by smaller projects but may be used by any size project.

Single copy price: $ 35.00

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Addenda

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

This addendum proposes a new alternative path (power usage effectiveness - PUE) to allow the use of developing technologies for the data center industries for which there are no energy modeling tools available. This is a significant issue to design professionals in that without a simulation program available to model these systems, they have to receive approval from the Authority Having Jurisdiction (AHJ) for an Exceptional Calculation Method, which in most cases is beyond the AHJ's knowledge level.

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Addenda

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

This addendum makes changes to the requirements for fan control for both constant volume and VAV units including extending the fan part load power requirements down to 1/4 HP In addition it defines the requirements for integrated economizer control and defines DX unit capacity staging requirements. A full economic analysis has been done using the 2013 economic scalar justification requirements and payback periods of 0.6 to 4.2 years have been estimated and with a design life of 15 years is well below the scalar limit of 9.086 years.

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Addenda

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

This addendum proposes new design requirements for commercial refrigeration systems including Walk-in Coolers and Freezers, and Refrigerated Display Cases.

Single copy price: $ 35.00

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Addenda

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

Addendum ds to ASHRAE 90.1-2010 used the term, daylight area, under “clerestories” instead of rooftop monitor. Though the IES Handbook uses this term, it actually is an ambiguous term as it is often used to refer to windows high up on a wall, but it can also refer to monitor windows projecting from the roof. This proposed addendum would clarify the use by removing the term “clerestory” and consistently use the term “roof monitor”.

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ASME (American Society of Mechanical Engineers)

Revisions

BSR/ASME BPE-2009, Bioprocessing Equipment (revision, redesignation and consolidation of ANSI/ASME BPE-2009, ANSI/ASME BPE-S-2011)

The ASME BPE Standard provides requirements for systems and components that are subject to cleaning and sanitization and/or sterilization including systems that are cleaned in place (CIP'd) and/or steamed in place (SIP'd) and/or other suitable processes. This Standard also provides requirements for single use systems and components. The ASME Bioprocessing Equipment Standard was developed to aid in the design and construction of new fluid processing equipment used in industries that require a defined level of purity and bioburden control.

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 psa@ansi.org) to: Paul Stumpf, (212) 591-8536, stumpfp@asme.org

ASTM (ASTM International)

Reaffirmations

BSR/ASTM/ISO/IEC 17011-2004 (R201x), Conformity Assessment - General Requirements for Accreditation Bodies Accrediting Conformity Assessment Bodies (reaffirmation of ANSI/ASTM/ISO/IEC 17011-2004)

http: //www.astm.org/ANSI_SA

Single copy price: $ 93.00

Obtain an electronic copy from: cleonard@astm.org

Order from: Corice Leonard, (610) 832-9743, cleonard@astm.org

Send comments (with copy to psa@ansi.org) to: Same

ASTM (ASTM International)

Reaffirmations

BSR/ISO/IEC 17025-2005 (R201x), General Requirements for the Competence of Testing and Calibration Laboratories (reaffirmation of ANSI/ISO/IEC 17025-2005)

http: //www.astm.org/ANSI_SA

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CSA (CSA America, Inc.)

Revisions

BSR Z83.21a-200x, Standard for Commercial Dishwashers (same as CSA C22.2a No. 168) (revision of ANSI Z83.21/CSA C22.2 No. 168/UL 921-2005 (R2010))

Details for test and examination of commercial gas-fired and electric dishwashers for use with natural, manufactured and mixed, and liquefied petroleum gases, and LP gas-air mixtures.

Single copy price: $ 50.00

Obtain an electronic copy from: cathy.rake@csagroup.org

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

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ISA (ISA)

New National Adoptions

BSR/ISA 62382-201x, Electrical and Instrumentation Loop Check (national adoption with modifications of IEC 62382)

Describes the steps recommended to complete a loop check, which comprises the activities between the completion of the loop construction (including installation and point-to-point checks) and the start-up of cold commissioning. This standard is applicable for the construction of new plants and for expansion/retrofits (i.e., revamping) of E&I installations in existing plants (including PLC, BAS, DCS, panel-mounted and field instrumentation). It does not include a detailed checkout of power distribution systems, except as they relate to the loops being checked (i. e., a motor starter or a power supply to a four-wire transmitter).

Single copy price: $ 99.00 usd

Obtain an electronic copy from: crobinson@isa.org

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

Send comments (with copy to psa@ansi.org) to: Same

NCPDP (National Council for Prescription Drug Programs)

Revisions

BSR/NCPDP Specialized Standard WG110050201xxx#-201x, NCPDP Specialized Standard 201xxx# (revision and redesignation of ANSI/NCPDP Specialized Standard 2011071-2011)

The NCPDP Specialized Standard will house transactions that are not eprescribing but are part of the NCPDP XML environment. The standard provides general guidelines for developers of systems who wish to provide business functionality of these transactions to their clients. The guide describes a set of transactions and the implementation of these transactions.

Single copy price: $ 200.00 (non-member)

Obtain an electronic copy from: kkrempin@ncpdp.org

Order from: Kittye Krempin, (512) 291-1356, kkrempin@ncpdp.org

Send comments (with copy to psa@ansi.org) to: Same

NSF (NSF International)

New Standards

BSR/NSF 223-201x, Conformity Assessment Requirements for Certification Bodies that Certify Products pursuant to NSF/ANSI 60: Drinking Water Treatment Chemicals - Health Effects (new standard)

The proposed standard NSF 223 establishes minimum requirements for certification bodies to be used when certifying products to NSF/ANSI Standard 60.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/document.php?document_id=16593

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

Send comments (with copy to psa@ansi.org) to: Same

NSF (NSF International)

New Standards

BSR/NSF 358-201x, Issue 1: Plastic Piping System Components for Earth Energy (Geothermal) Systems (new standard)

This proposed standard will be separated into four separate ballot documents based on material types. 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=16619

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

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SPI (The Society of the Plastics Industry, Inc.)

Reaffirmations

BSR/SPI B151.27-2003 (R201x), Robots Used with Horizontal and Vertical Clamp Injection Molding Machines - Safety Requirements for the Integration, Care, and Use (reaffirmation of ANSI/SPI B151.27-2003)

The requirements of this standard apply to all robots used on or in conjunction with horizontal and vertical injection molding machines (IMMs). The purpose of this standard is to establish recommended safe practices and procedures for the integration, care, and use of robots entering the mold area of horizontal and vertical IMMs. Procedures for automatic mold changers and other ancillary equipment are not included in this standard.

Single copy price: $ 46.00

Obtain an electronic copy from: mhockstad@plasticsindustry.org

Order from: Melissa Hockstad, (202) 974-5258, mhockstad@plasticsindustry.org

Send comments (with copy to psa@ansi.org) to: Same

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 746A-201x, Standard for Safety for Polymeric Materials - Short Term Property Evaluations (revision of ANSI/UL 746A-2011)

The following topics for the Standard for Safety for Polymeric Materials - Short Term Property Evaluations, UL 746A, are being recirculated:

(1) Polymeric materials in applications with >25% regrind content.

Single copy price: Contact comm2000 for pricing and delivery options

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

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

Comment Deadline: May 22, 2012

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

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

Reaffirmations

BSR/ASSE A10.18-2007 (R201x), Safety Requirements for Temporary Floors, Holes, Wall Openings, Stairways and Other Unprotected Edges in Construction and Demolition Operations (reaffirmation of ANSI ASSE A10.18-2007)

Prescribes rules and establishes minimum safety requirements for the protection of employees and the public from hazards arising out of or associated with temporary roof and floor holes, wall openings.

NOTE: The original PINS notice was that the standard would be revised. However, the committee has reviewed and decided upon a reaffirmation. Following reaffirmation, the committee then intends to submit a PINS notice for revision of this standard.

Single copy price: $ 50.00

Obtain an electronic copy from: tfisher@asse.org

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

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

Reaffirmations

BSR/ASSE A10.22-2007 (R201x), Safety Requirements for Rope-Guided and Nonguided Workers' Hoists for Construction and Demolition Operations (reaffirmation of ANSI ASSE A10.22-2007)

This standard establishes minimum safety requirements for temporary personnel hoisting systems used for the transportation of persons to and from working elevations during normal construction and demolition operations, including maintenance, and is restricted to use in special situations.

NOTE: The original PINS notice was that the standard would be revised. However, the committee has reviewed and decided upon a reaffirmation. Following reaffirmation the committee then intends to submit a PINS notice for revision of this standard.

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

Reaffirmations

BSR/ASSE A10.34-2001 (R201x), Protection of the Public on or Adjacent to Construction Sites (reaffirmation of ANSI ASSE A10.34 -2001 (R2005))

This standard provides the recommended elements and activities on construction projects to provide protection for the public.

NOTE: The original PINS notice was that the standard would be revised. However, the committee has reviewed and decided upon a reaffirmation. Following reaffirmation the committee then intends to submit a PINS notice for revision of this standard.

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

Reaffirmations

BSR/ASSE A10.40-2007 (R201x), Reduction of Musculoskeletal Problems in Construction (reaffirmation of ANSI ASSE A10.40-2007)

This standard applies to construction work where there may be risk factors, which could lead to musculoskeletal problems for construction workers. This standard does not apply to office or administrative work performed by construction companies.

NOTE: The committee originally was considering submitting a PINS notice to revise the standard. However, the committee has reviewed and decided upon a reaffirmation. Following reaffirmation the committee then intends to submit a PINS notice for revision of this standard.

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UL (Underwriters Laboratories, Inc.)

New National Adoptions

BSR/UL 60730-1-201X, Standard for Automatic Electrical Controls for Household and Similar Use; Part 1: General Requirements (national adoption with modifications of IEC 60730-1)

The IEC issued the fourth edition of IEC 60730-1 in March 2010. The current fourth edition of UL 60730-1 contains the third edition of IEC 60730-1 plus (a) its two amendments and b) the North American national differences to IEC 60730-1. UL is proposing that UL 60730-1 be revised to incorporate the March 2010 edition of IEC 60730-1. UL is also proposing to modify the national differences currently existing in UL 60730-1. In addition, there is a proposed revision covering an alternate test potential for the electric strength test contained in 13.2.3.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: Comm2000, 151 Eastern Ave, Bensenville, IL 60106 USA, 1 -888-853-3503

Send comments (with copy to psa@ansi.org) to: Alan McGrath, (847) 664-3038, alan.t.mcgrath@ul.com

UL (Underwriters Laboratories, Inc.)

New National Adoptions

BSR/UL 60947-1-201x, Standard for Safety for Low-Voltage Switchgear and Controlgear - Part 1: General rules (national adoption with modifications and revision of ANSI/UL 60947-1-2007)

This standard applies, when required by the relevant product standard, to switchgear and controlgear hereinafter referred to as "equipment" and intended to be connected to circuits, the rated voltage of which does not exceed 1 000 V a.c. or 1 500 V d.c. It does not apply to low-voltage switchgear and controlgear assemblies which are dealt with in IEC 60439.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: Comm2000, 151 Eastern Ave, Bensenville, IL 60106 USA, 1 -888-853-3503

Send comments (with copy to psa@ansi.org) to: Megan Sepper, (847) 664-3411, Megan.M.Sepper@ul.com

Projects Withdrawn from Consideration

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

HL7 (Health Level Seven)

BSR/HL7 SCTP, R1-200x, HL7 Standard: Structured Clinical Trial Protocol, Release 1 (new standard)

HL7 (Health Level Seven)

BSR/HL7 V3 CI, R2-200x, HL7 Version 3 Standard: Transmission Infrastructure, Release 2 (revise and partition ANSI/HL7 V3 IM, R1 -2004)

TIA (Telecommunications Industry Association)

ANSI/TIA 102.AAAA-A-2001, Project 25 DES Encryption Protocol (withdrawal of ANSI/TIA 102.AAAA-A-2001)

TIA (Telecommunications Industry Association)

BSR J-STD-025-C-200x, Lawfully Authorized Electronic Surveillance (revision of ANSI J-STD-025-B-200x)

TIA (Telecommunications Industry Association)

BSR/TIA 41.000-E-7-201x, Mobile Application Part (MAP): Introduction to MAP (revision of ANSI/TIA 41.000-E-2004)

TIA (Telecommunications Industry Association)

BSR/TIA 41.333.E-201x, Mobile Application Part: Voice Feature Scenarios - Subscriber PIN Access/Subscriber PIN Intercept (new standard)

TIA (Telecommunications Industry Association)

BSR/TIA 102.AABD-200x, APCO Project 25 - Trunking Procedures - New Technology Standards Project - Digital Radio Technical Standards (new standard)

TIA (Telecommunications Industry Association)

BSR/TIA 102.BACA-200x, Inter-RF Subsystem Interface Messages Definition (new standard)

TIA (Telecommunications Industry Association)

BSR/TIA 102.BAHA-200x, P25 Fixed Station Interface Messages and Procedures (new standard)

TIA (Telecommunications Industry Association)

BSR/TIA 102.CADA-200x, P25 Fixed Station Interface Conformance Test Procedure (new standard)

TIA (Telecommunications Industry Association)

BSR/TIA 102.AABF-A-3-200x, Link Control Word Formats and Messages Addendum - Supplementary Data ISSI (addenda to ANSI/TIA 102.AABF-A-2004)

TIA (Telecommunications Industry Association)

BSR/TIA 1083-1-200x, Telecommunications - Telephone Terminal Equipment - Handset - Magnetic Measurement Procedures and Performance Requirements - Addendum 1 (addenda to ANSI/TIA 1083 -2007)

Correction

Withdrawn from Consideration

BSR/TAPPI T 551 om-201x

The Call-for-Comment notice in the January 20, 2012 issue of Standards Action (page 5) for BSR/TAPPI T 551 om-201x is hereby withdrawn from consideration until a later time.

Call for Members (ANS Consensus Bodies)

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

AAMI (Association for the Advancement of Medical Instrumentation)

Office: 4301 N Fairfax Drive
Suite 301
Arlington, VA 22203-1633

Contact: *Cliff Bernier*

Phone: (703) 253-8263

Fax: (703) 276-0793

E-mail: CBernier@aami.org

BSR/AAMI/ISO 25539-3-201x, Cardiovascular implants - Endovascular devices - Part 3: Vena Cava Filters (identical national adoption of ISO 25539-3)

ALI (Automotive Lift Institute)

Office: PO Box 85
80 Wheeler Avenue
Cortland, NY 13045

Contact: *Bob O'Gorman*

Phone: (607) 756-7775

Fax: (607) 756-0888

E-mail: info@autolift.org; bob@autolift.org

BSR/ALI ALOIM-201x, Standard for Automotive Lifts - Safety Requirements for Operation, Inspection, and Maintenance (revision of ANSI/ALI ALOIM-2008)

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

Office: 1800 East Oakton Street
Des Plaines, IL 60018-2187

Contact: *Timothy Fisher*

Phone: (847) 768-3411

Fax: (847) 296-9221

E-mail: TFisher@ASSE.org

BSR/ASSE A10.18-2007 (R201x), Safety Requirements for Temporary Floors, Holes, Wall Openings, Stairways and Other Unprotected Edges in Construction and Demolition Operations (reaffirmation of ANSI ASSE A10.18-2007)

BSR/ASSE A10.22-2007 (R201x), Safety Requirements for Rope-Guided and Nonguided Workers' Hoists for Construction and Demolition Operations (reaffirmation of ANSI ASSE A10.22-2007)

BSR/ASSE A10.34-2001 (R201x), Protection of the Public on or Adjacent to Construction Sites (reaffirmation of ANSI ASSE A10.34 -2001 (R2005))

BSR/ASSE A10.40-2007 (R201x), Reduction of Musculoskeletal Problems in Construction (reaffirmation of ANSI ASSE A10.40-2007)

ISA (ISA)

Office: 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 62382-201x, Electrical and Instrumentation Loop Check (national adoption with modifications of IEC 62382)

SPI (The Society of the Plastics Industry, Inc.)

Office: 1667 K St. NW Ste. 1000
Washington, DC 20006

Contact: *Melissa Hockstad*

Phone: (202) 974-5258

Fax: (202) 293-0236

E-mail: mhockstad@plasticsindustry.org

BSR/SPI B151.27-2003 (R201x), Robots Used with Horizontal and Vertical Clamp Injection Molding Machines - Safety Requirements for the Integration, Care, and Use (reaffirmation of ANSI/SPI B151.27 -2003)

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 452 om-201x, Brightness of pulp, paper, and paperboard (directional reflectance at 457 nm) (new standard)

BSR/TAPPI T 1500 gl-201x, Optical measurements terminology (related to appearance evaluation of paper) (new standard)

UL (Underwriters Laboratories, Inc.)

Office: 333 Pfingsten Road
Northbrook, IL 60062-2096

Contact: *Alan McGrath*

Phone: (847) 664-3038

Fax: (847) 664-3038

E-mail: alan.t.mcgrath@ul.com

BSR/UL 60730-1-201X, Standard for Automatic Electrical Controls for Household and Similar Use; Part 1: General Requirements (national adoption with modifications of IEC 60730-1)

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.

AMCA (Air Movement and Control Association)

Revisions

ANSI/AMCA 500-L-2012, Laboratory Methods of Testing Louvers for Rating (revision of ANSI/AMCA 500-L-2007): 3/19/2012

ANS (American Nuclear Society)

Revisions

ANSI/ANS 3.2-2012, Managerial, Administrative, and Quality Assurance Controls for the Operational Phase of Nuclear Power Plants (revision of ANSI/ANS 3.2-2006): 3/20/2012

ASTM (ASTM International)

Reaffirmations

ANSI/ASTM F2509-2006 (R2012), Specification for Field-Assembled Anodeless Riser Kits for Use on Outside Diameter Controlled Polyethylene Gas Distribution Pipe and Tubing (reaffirmation of ANSI/ASTM F2509-2006): 2/21/2012

ATIS (Alliance for Telecommunications Industry Solutions)

Reaffirmations

ANSI ATIS 1000019-2007 (R2012), Network to Network Interface (NNI) Standard for Signaling and Control Security for Evolving VoP Multimedia Networks (reaffirmation of ANSI ATIS 1000019-2007): 3/20/2012

ANSI ATIS 1000608-2000 (R2012), Integrated Services Digital Network (ISDN) - Signaling Specification for X.25 Packet-Switched Bearer Service for Digital Subscriber Signaling System Number 1 (DSS1) (reaffirmation of ANSI ATIS 1000608-2000 (R2009)): 3/20/2012

ANSI ATIS 1000608.a-1992 (R2012), Integrated Services Digital Network (ISDN) - Signaling Specification for X.25 Packet-Switched Bearer Service for Digital Subscriber Signaling System Number 1 (DSS1) (Terminal Initialization Procedures for Packet-Mode Data) (reaffirmation of ANSI ATIS 1000608.a-1992 (R2007)): 3/20/2012

ANSI ATIS 1000613-1991 (R2012), ntegrated Services Digital Network (ISDN) - Call Waiting Supplementary Service (reaffirmation of ANSI ATIS 1000613-1991 (R2007)): 3/20/2012

ANSI ATIS 1000614-1991 (R2012), Integrated Services Digital Network (ISDN) - Packet Mode Bearer Service Category Description (reaffirmation of ANSI ATIS 1000614-1991 (R2007)): 3/20/2012

ANSI ATIS 1000619.a-1994 (R2012), Integrated Services Digital Network (ISDN) - Multi-Level Precedence and Preemption (MLPP) Service Capability (MLPP Service Domain and Cause Value Changes) (reaffirmation of ANSI ATIS 1000619.a-1994 (R2007)): 3/20/2012

ANSI ATIS 1000620-1991 (R2012), Integrated Services Digital Network (ISDN) - Circuit-Mode Bearer Service Category Description (reaffirmation of ANSI ATIS 1000620-1991 (R2007)): 3/20/2012

ANSI ATIS 1000641.a-2002 (R2012), Supplement to Calling Name Identification Presentation (reaffirmation of ANSI ATIS 1000641.a -2002 (R2007)): 3/20/2012

ANSI ATIS 1000673-2002 (R2012), Bearer Independent Call Control (BICC) Capability Set 1+ (CS1+) (reaffirmation of ANSI ATIS 1000673-2002 (R2007)): 3/20/2012

ANSI ATIS 1000674-2002 (R2012), BICC CS1+: Signaling Transport Converters (STCs) (reaffirmation of ANSI ATIS 1000674-2002 (R2007)): 3/20/2012

CSA (CSA America, Inc.)

Addenda

* ANSI Z21.58b-2012, Standard for Outdoor Cooking Gas Appliances (same as CSA 1.6b) (addenda to ANSI Z21.58-2006 and ANSI Z21.58a-2008): 3/19/2012

New Standards

ANSI NGV 4.8/CSA 12.8-2012, Natural Gas Fueling Station Reciprocating Compressor Guidelines (new standard): 3/20/2012

ANSI/CSA HGV 4.1-2012, Hydrogen Dispensing Systems (same as HGV 4.1) (new standard): 3/20/2012

ANSI/CSA HGV 4.2-2012, Hoses for Compressed Hydrogen Fuel Stations, Dispensers, and Vehicle Fuel Systems (same as HGV 4.2) (new standard): 3/20/2012

Reaffirmations

* ANSI Z21.91-2007 (R2012), Standard for Ventless Firebox Enclosures for Gas-Fired Unvented Decorative Room Heater (reaffirmation of ANSI Z21.91-2007): 3/15/2012

* ANSI Z21.20-2007 (R2012), Z21.20a-2010 (R2012), Standard for Automatic Gas Ignition Systems and Components (same as CSA 2.22) (reaffirmation of ANSI Z21.20-2007/CSA C22.2 No. 199 -2007/UL 372-2007, ANSI Z21.20a-2008): 3/19/2012

Revisions

* ANSI Z21.89b-2012, Standard for Outdoor Cooking Speciality Gas Appliances (same as CSA 1.18b) (revision of ANSI Z21.89-2007): 3/19/2012

HL7 (Health Level Seven)

New Standards

ANSI/HL7 V3 RXMDSVNT, R1-2012, HL7 Version 3 Standard: Pharmacy; Medication Dispense and Supply Event, Release 1 (new standard): 3/19/2012

Revisions

ANSI/HL7 V3 DT, R2-2012, HL7 Version 3 Standard: Data Types - Abstract Specification, Release 2 (revision of ANSI/HL7 V3 DT, R1 -2004): 3/19/2012

NECA (National Electrical Contractors Association)

New Standards

* ANSI/NECA 412-2012, Standard for Installing and Maintaining Photovoltaic Power Systems (new standard): 3/20/2012

UL (Underwriters Laboratories, Inc.)

New Standards

ANSI/UL 1567-2012, Standard for Safety for Receptacles and Switches Intended for Use with Aluminum Wire (new standard): 3/16/2012

Revisions

ANSI/UL 796F-2012, Standard for Safety for Flexible Materials Interconnect Constructions (revision of ANSI/UL 796F-2009b): 3/15/2012

ANSI/UL 796F-2012a, Standard for Safety for Flexible Materials Interconnect Constructions (revision of ANSI/UL 796F-2009): 3/15/2012

* ANSI/UL 1517-2012, Standard for Safety for Hybird Personal Flotation Devices (revision of ANSI/UL 1517-2011): 3/19/2012

ANSI/UL 2586-2012, Standard for Safety for Hose Nozzle Valves (revision of ANSI/UL 2586-2011): 3/15/2012

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.

ABYC (American Boat and Yacht Council)

Office: 613 Third Street
Suite 10
Annapolis, MD 21403

Contact: *Helen Koepper*

Fax: (410) 990-4466

E-mail: hkoepper@abycinc.org

BSR/ABYC H-8-201x, Buoyancy in the Event of Swamping (new standard)

Stakeholders: Boat manufacturers, insurance personnel, surveyors, trade organizations, and consumers

Project Need: This standard identifies dafety issues with buoyancy in the event of swamping.

This standard is a guide for determining the flotation and placement required to keep boats afloat when flooded/swamped and where indicted, floating in an approximately level attitude when flooded/swamped.

* BSR/ABYC H-29-201x, Canoes and Kayaks (new standard)

Stakeholders: Boat manufacturers, insurance personnel, trade associations, consumers

Project Need: This standards identifies safety issues with canoes and kayaks.

This standard is a guide for determining capacities, flotation, powering, design, construction, and labeling of canoes and kayaks.

* BSR/ABYC H-37-201x, Jet Boats - Light Weight (new standard)

Stakeholders: Boat manufacturers, trade organizations, insurance personnel, consumers

Project Need: This standard identifies safety issues with inboard water jet propelled boats

This standard is a guide for the design, construction, and maintenance of inboard-water-jet-propelled boats.

ALI (Automotive Lift Institute)

Office: PO Box 85
80 Wheeler Avenue
Cortland, NY 13045

Contact: *Bob O'Gorman*

Fax: (607) 756-0888

E-mail: info@autolift.org; bob@autolift.org

* BSR/ALI ALOIM-201x, Standard for Automotive Lifts - Safety Requirements for Operation, Inspection, and Maintenance (revision of ANSI/ALI ALOIM-2008)

Stakeholders: Automotive lift owners, users, service personnel, the general public, and the regulatory community

Project Need: Revision of an existing ANS required by five-year rule.

This standard covers the safety requirements for the operation, inspection, and maintenance of installed automotive lifts.

ASABE (American Society of Agricultural and Biological Engineers)

Office: 2950 Niles Road
St Joseph, MI 49085

Contact: *Carla VanGilder*

Fax: (269) 429-3852

E-mail: vangilder@asabe.org

BSR/ASAE S423.1 MONYEAR-201x, Thermal Performance Testing of Solar Ambient Air Heaters (revision of ANSI/ASAE S423-FEB93 (R2012))

Stakeholders: Agricultural Engineers(designing air heaters for crop drying & space heating); Environmental Engineers (heating air for environmental control systems); Architectural Engineers (for designing building loads using solar air heaters) and Energy Engineers (for designing new solar air heaters)

Project Need: Periodic review of standard identified the need to update to current ASHRAE (American Society of Heating, Refrigerating and Air Conditioning Engineers) standard and current equipment practices.

Provides a method for testing the thermal efficiency of solar air heaters which are used exclusively for heating ambient air. The test data should provide a basis for computing economic value technical performance and for comparing efficiency of collectors of different design and/or construction. Examples of use of solar ambient air heaters are preheating of ventilation air, heating make-up air for all types of environmental control systems, and heating of air to dry agricultural products without recirculation.

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 WK36802-201x, New Test Method for Resistance to Fogging for Eye and Face Protection Devices (new standard)

Stakeholders: Sports Equipment and Facilities Industry

Project Need: Establish a suitable test method for the evaluation, verification, and reporting of functional resistance to eyewear fogging for players of sports minimizing and/or reducing the risk of injury.

http://www.astm.org/DATABASE.CART/WORKITEMS/WK36802.htm

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 452 om-201x, Brightness of pulp, paper, and paperboard (directional reflectance at 457 nm) (new standard)

Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

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

This method is for the determination of the brightness of white, near-white, and naturally colored pulp, paper, and paperboard. “Brightness” is a commonly used industry term for the numerical value of the reflectance factor of a sample with respect to blue light of specific spectral and geometric characteristics.

BSR/TAPPI T 1500 gl-201x, Optical measurements terminology (related to appearance evaluation of paper) (new standard)

Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

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

This glossary defines terms used in the pulp and paper industry relating to both visual and instrumental evaluations of appearance. This technical terminology includes such optical assessments such as brightness, whiteness, color, gloss, opacity, scattering, absorption, etc.

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-Accredited Standards 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.

AAMI
Association for the Advancement of Medical Instrumentation (AAMI)

4301 N Fairfax Drive
Suite 301
Arlington, VA 22203-1633
Phone: (703) 253-8263
Fax: (703) 276-0793
Web: www.aami.org

ABYC
American Boat and Yacht Council

613 Third Street
Suite 10
Annapolis, MD 21403
Phone: (410) 990-4460
Fax: (410) 990-4466
Web: www.abycinc.org

ALI
Automotive Lift Institute

PO Box 85
80 Wheeler Avenue
Cortland, NY 13045
Phone: (607) 756-7775
Fax: (607) 756-0888
Web: www.autolift.org

AMCA
AMCA International, Inc.

30 West University Drive
Arlington Heights, IL 60004-1893
Phone: (847) 704-6295
Fax: (847) 253-0088
Web: www.amca.org

ANS
American Nuclear Society

555 North Kensington Avenue
La Grange Park, IL 60526-5592
Phone: (708) 579-8269
Fax: (708) 579-8248
Web: www.ans.org

APCO
Association of Public-Safety Communications Officials-International

351 N. Williamson Boulevard
Daytona Beach, FL 32114-1112
Phone: (919) 625-6864
Fax: (386) 944-2794
Web: www.apcoIntl.org

ASABE
American Society of Agricultural and Biological Engineers

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

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

1791 Tullie Circle, NE
Atlanta, GA 30329
Phone: (404) 636-8400
Fax: (404) 321-5478
Web: www.ashrae.org

ASME
American Society of Mechanical Engineers

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

ASSE (Safety)
American Society of Safety Engineers

1800 East Oakton Street
Des Plaines, IL 60018-2187
Phone: (847) 768-3411
Fax: (847) 296-9221
Web: www.asse.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

CSA
CSA America, Inc.

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

HL7
Health Level Seven

3300 Washtenaw Avenue
Suite 227
Ann Arbor, MI 48104
Phone: (734) 677-7777 Ext 104
Fax: (734) 677-6622
Web: www.hl7.org

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

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

NECA
National Electrical Contractors Association

3 Bethesda Metro Center
Suite 1100
Bethesda, MD 20814
Phone: (301) 215-4521
Fax: (301) 215-4500
Web: www.necanet.org

NSF
NSF International

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

SPI
The Society of the Plastics Industry, Inc.

1667 K St. NW Ste. 1000
Washington, DC 20006
Phone: (202) 974-5258
Fax: (202) 293-0236
Web: www.plasticsindustry.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) 907-7706
Fax: (703) 907-7727
Web: www.tiaonline.org

UL
Underwriters Laboratories, Inc.

333 Pfingsten Road
Northbrook, IL 60062-2096
Phone: (847) 664-3038
Fax: (847) 664-3038
Web: www.ul.com/

Announcement of Proposed Procedural Revisions
Comment Deadline: April 23, 2012

Comments with regard to these proposed revisions should be submitted to psa@ansi.org or via fax to the Recording Secretary of the ANSI Executive Standards Council (ExSC) at 212-840-2298.

Public comments received in connection with these proposed revisions will be made available to the public in the ANSI Online public library (http://publicaa.ansi.org/sites/apdl/default.aspx) one week after the close of the comment deadline. The ANSI Executive Standards Council (ExSC) will consider all public comments received by the comment deadline at its next regularly scheduled meeting. Shortly thereafter, all commenters will be provided with a written disposition of their respective comments.

Questions should be directed to psa@ansi.org.

ExSC_018_2012

The proposed revisions to the *ANSI International Procedures* are intended to support compliance with applicable ANSI and ISO procedures. The full text of the *ANSI International Procedures* is available at www.ansi.org/internationalprocedures.

ANSI PROCEDURES FOR U.S. PARTICIPATION IN THE INTERNATIONAL STANDARDS ACTIVITIES OF ISO

***Proposed revision to* Edition: January 2012**

To propose changes to this document for consideration and approval by the ANSI Executive Standards Council and the ANSI National Policy Committee, please submit the specific proposal in strikethrough, underline format with a rationale to psa@ansi.org.

1.5.4 Requests for Acceptance or Retention of Secretariats. The AIC shall make all decisions concerning the acceptance or relinquishment of the secretariat of ISO technical committees and subcommittees. The AIC shall consider any written request to undertake the secretariat of a new or existing ISO technical committee or subcommittee or to retain the secretariat of an ISO technical committee or subcommittee. Such requests shall be approved by the responsible U.S. TAG, where one exists. Such requests shall indicate the willingness of the sponsoring organization to provide professional and financial resources to support the secretariat function. Such requests shall include a recommendation as to whether the proposed U.S. secretariat should be administered by ANSI or by another organization on behalf of ANSI in accordance with section 1.5.5.2 or 1.5.5.3, as applicable. Such requests shall also address the four points listed below and provide supporting documentation when appropriate. If no U.S. TAG exists, the request should also include a commitment to establish a U.S. TAG in accordance with these procedures.

When considering such requests, ANSI shall be guided by the following criteria:

1. Documented evidence of strong U.S. interest on the part of materially affected parties
2. Evidence that affected and interested ANSI members support the commitment
3. Availability of a minimum three year financial and technical commitment to support the activity
4. Availability of competent staff and administrative resources to administer the secretariat, including an agreement to complete mandatory training offered by ANSI to support compliance with ISO and ANSI procedures governing the administration of the international secretariat.

1.5.5.3 Delegation of a Secretariat to an External Organization. Any request that the assignment of the administration of a secretariat be delegated to an external organization shall demonstrate that the following criteria are met:

1. Evidence of a strong U.S. materially affected party interested in holding the secretariat has been documented and the relevant US TAG has been consulted with regard to the external organization's potential role as secretariat.
2. The external organization is a member of ANSI and has committed to encourage its members to join ANSI.
3. The external organization has documented technical and administrative competence.
4. Evidence of support for the external organization seeking to hold the secretariat by members of ANSI impacted by the standards area for which the secretariat is sought has been documented.
5. The external organization has made a financial commitment for not less than three years covering the costs associated with holding the secretariat, including the defined costs incurred by ANSI for administrative support and oversight of the delegated secretariat.
6. The external organization has agreed to comply with the requirements associated with ANSI oversight of the activities of all parties holding secretariats in accordance with 1.6.
7. The external organization has committed in writing to comply with all applicable rules, regulations and policies of ANSI and the ISO.
8. The external organization has agreed to complete mandatory training offered by ANSI to support compliance with ISO and ANSI procedures governing the administration of the international secretariat.
9. A mutually acceptable written agreement between ANSI and the external organization concerning the terms and conditions of the secretariat assignment has been executed, providing, in part:
    - that the external organization shall not assign or delegate any of its responsibilities to a third party without the prior approval of the AIC; and
    - that in the event that the external organization is no longer interested in serving as secretariat, the external organization shall continue to serve as secretariat for three months after providing written note to the AIC.

10. The external organization has notified the AIC if it has or will apply to the ExSC for approval as the TAG administrator and accreditation of the U.S. TAG for the relevant ISO technical committee or subcommittee

2.3.1.2 Assignment of U.S. TAG Administrator to an External Organization. The ExSC and its designee if any, when considering the assignment of a U.S. TAG administrator to an external organization, shall determine that the following criteria are met:

1. The external organization is a member of ANSI
2. The external organization possesses the requisite technical competence related to the technical activity
3. The external organization has adequate resources to administer the U.S. TAG
4. The external organization is willing to make a three year commitment to cover all costs associated with serving as U.S. TAG administrator, including the defined costs incurred by ANSI for administrative support, oversight and supervision of the assigned U.S. TAG administrator
5. The external organization has agreed to follow all applicable ANSI and ISO procedures
6. The external organization has agreed to complete mandatory training offered by ANSI to support compliance with ANSI procedures governing the administration of the U.S. TAG and representation of U.S. interests at ISO
7. The external organization has agreed to comply with the requirements associated with ANSI oversight and supervision of the activities of all parties serving as U.S. TAG administrators in accordance with 2.5.4

As long as these criteria are met, the U.S. TAG administrator will retain the administrative responsibilities. The ExSC shall make all decisions concerning exceptions to the above criteria.

2.3.3 Functions. The duties of the U.S. TAG administrator include:

1. Organizing the U.S. TAG and applying to ANSI for approval of the TAG administrator and initial TAG membership list and accreditation of the TAG
2. Submitting the U.S. TAG membership list and annual report to ANSI on an annual basis for review by the ExSC or its designee
3. Determining that the members of the U.S. TAG participate actively
4. Providing for administrative services, including arrangements for meetings, timely preparation and distribution of documents related to the work of the U.S. TAG, and maintenance of appropriate records, including minutes of meetings and results of letter ballots
5. Transmitting to ANSI U.S. proposals and U.S. positions, as developed and approved by the U.S. TAG
6. Transmitting to ANSI U.S. delegates lists for all international meetings
7. Establishing a procedure to hear appeals of actions or inactions of the U.S. TAG
8. Complying with the requirements associated with ANSI oversight and supervision of the activities of the U.S. TAG and its administrator in accordance with 2.5.
9. Ensuring compliance with applicable ANSI and ISO procedures
10. Completing mandatory training offered by ANSI to support compliance with ANSI procedures governing the administration of the U.S. TAG and representation of U.S. interests at ISO

Annex A: Model Operating Procedures for U.S. TAGs to ANSI for ISO Activities

A3 U.S. TAG Administrator

The U.S. TAG administrator shall be designated by the ExSC upon recommendation of its designee if any, and shall accept, in writing, the responsibilities described below:

1. Organizing the U.S. TAG and applying to ANSI for approval of the TAG administrator and initial

TAG membership list and accreditation of the TAG
2. Submitting the U.S. TAG membership list and annual report to ANSI on an annual basis for review by the ExSC or its designee
3. Determining that the members of the U.S. TAG participate actively
4. Providing for administrative services, including arrangements for meetings, timely preparation and distribution of documents related to the work of the U.S. TAG, and maintenance of appropriate records, including minutes of meetings and results of letter ballots
5. Transmitting U.S. proposals and U.S. positions, as developed and approved by the U.S. TAG, to ANSI
6. Transmitting to ANSI U.S. delegates lists for all international meetings
7. Establishing a procedure to hear appeals of actions or inactions of the U.S. TAG
8. Complying with the requirements associated with ANSI oversight and supervision of activities of the U.S. TAG and its administration in accordance with 2.5.5
9. Ensuring compliance with applicable ANSI and ISO procedures
10. Completing mandatory training offered by ANSI to support compliance with ANSI procedures governing the administration of the U.S. TAG and representation of U.S. interests at ISO

American National Standards Institute

ExSC 002-2012

This proposed revision to an existing guidance document reflects the simultaneously proposed procedural revisions contained in ExSC_002_2012 and includes additional non-binding guidance as well as an optional template for a PINS Deliberation Report.

Proposed Revisions to ANSI PINS Process: An Informative Summary

PINS submittal: http://psawebforms.ansi.org/

Note: This document is for informational use only and does not supersede the requirements set-forth in the ANSI Essential Requirements: Due process requirements for American National Standards.

I. Excerpts from the *ANSI Essential Requirements* that are relevant to the PINS

1.0 Essential requirements for due process

These requirements apply to activities related to the development of consensus for approval, revision, reaffirmation, and withdrawal of American National Standards (ANS).
Due process means that any person (organization, company, government agency, individual, etc.) with a direct and material interest has a right to participate by: a) expressing a position and its basis, b) having that position considered, and c) having the right to appeal. Due process allows for equity and fair play. The following constitute the minimum acceptable due process requirements for the development of consensus.

1.4 Coordination and harmonization

Good faith efforts shall be made to resolve potential conflicts between and among existing American National Standards and candidate American National Standards.

2.0 Benchmarks

This section contains information relative to the implementation of the *Essential Requirements* set forth in Section 1.0 of this document and articulates the normative policies and administrative procedures associated with the ANS process.

2.4 Coordination and harmonization

Good faith efforts shall be made to resolve potential conflicts between and among existing American National Standards and candidate American National Standards.

2.4.1 Definition of Conflict

Conflict within the ANS process refers to a situation where, viewed from the perspective of a future implementer, the terms of one standard are inconsistent or incompatible with the terms of the other standard such that implementation of one standard under terms allowable under that standard would preclude proper implementation of the other standard in accordance with its terms.

2.4.2 Coordination/Harmonization

ANSI-Accredited Standards Developers shall make a good-faith effort to resolve potential conflicts and to coordinate standardization activities intended to result in

harmonized American National Standards[1]. *A "good faith" effort shall require substantial, thorough and comprehensive efforts to harmonize a candidate ANS and existing ANSs. Such efforts shall include, at minimum, compliance with all relevant sections of these procedures[2]. Developers shall retain evidence of such efforts in order to demonstrate compliance with this requirement to the satisfaction of the appropriate ANSI body. (Emphasis added)*

2.5 Notification of standards development and coordination

Comment [a1]: This section is shown as proposed in ExSC_008_2012, also open for public review at this time.

Notification of standards activity shall be announced in suitable media as appropriate to demonstrate the opportunity for participation by all directly and materially affected persons. Developers are encouraged to consult any relevant international or regional guides that may impact the proposed standard and shall advise the relevant ANSI-Accredited U.S. TAG(s) if the standard is intended to be submitted for consideration as an ISO, IEC or ISO/IEC JTC-1 standard.

2.5.1 Project Initiation Notification (PINS)

At the initiation of a project to develop or revise an American National Standard[3], notification shall be transmitted to ANSI using the Project Initiation Notification System (PINS) form, or its equivalent, for announcement in *Standards Action*. Comments received in connection with a PINS announcement shall be handled in accordance with these procedures.

A statement shall be submitted and published as part of the PINS announcement that shall include:

(a) an explanation of the need for the project, including, if it is the case, a statement of intent to submit the standard for consideration as an ISO, IEC or ISO/IEC JTC-1 standard; and

(b) identification of the stakeholders (e.g., telecom, consumer, medical, environmental, etc.) likely to be directly impacted by the standard.

If the response to sub-section (b) changes substantively as the standard is developed, a revised PINS shall be submitted and published.

2.5.1.1 PINS Exceptions

A PINS is not required for revisions of an American National Standard that is maintained under continuous maintenance and (1) is registered as such on the ANSI website, (2) has a notice in the standard that the standard is always open for comment and how to submit comments, and (3) has information on the developer's website that the standard is under continuous maintenance and how to submit comments. A PINS is also not required in connection with the decision to maintain an ANS under the stabilized maintenance option. A PINS form may be submitted, but is not required, at the initiation of a project to reaffirm or withdraw an American National Standard.

[1] Note that clause 4.2.1.3.4 *Withdrawal for Cause* provides a mechanism by which an interested party may at any time request the withdrawal of an existing ANS.
[2] See, for example, clauses 2.1, 2.4. 2.5, 2.6 and 4.3.
[3] Including the national adoption of ISO and IEC standards as American National Standards, but excluding actions set-forth in 2.5.1.1.

2.5.1.2 Assertions of conflict or duplication

If a developer receives written comments within 30 days from the publication date of a PINS announcement in *Standards Action*, and said comments assert that a proposed standard duplicates or conflicts with an existing American National Standard (ANS) or a candidate ANS that has been announced previously (or concurrently) in *Standards Action*, a mandatory deliberation of representatives from the relevant stakeholder groups shall be held within 90 days from the comment deadline. Such a deliberation shall be organized by the developer and the commenter and shall be concluded before the developer may submit a draft standard for public review. If the deliberation does not take place within the 90-day period and the developer can demonstrate that it has made a good faith effort to schedule and otherwise organize it, then the developer will be excused from compliance with this requirement. The purpose of the deliberation is to provide the relevant stakeholders with an opportunity to discuss whether there is a compelling need for the proposed standards project

2.5.1.3 PINS Deliberation Report

The outcome of a PINS deliberation shall be conveyed in writing (the "Deliberation Report") within 30 days after the conclusion of the deliberation by the developer to the commenter and to ANSI. Upon submission of the Deliberation Report, the developer may continue with the submission of the draft standard for public review. If additional deliberations take place, they should not delay the submission of the draft for public review, and an updated Deliberation Report shall be conveyed within 30 days after each deliberation. Any actions agreed upon from the deliberations shall be carried out in a reasonably timely manner, but normally should not exceed 90 days following the deliberation. Subsequently, the developer shall include all of the Deliberation Report(s) with the BSR-9 submittal to the ANSI Board of Standards Review (BSR) for consideration should the developer ultimately submit the subject standard to ANSI for approval. Stakeholders who were involved in the PINS deliberation process may also file separate Deliberation Report(s) with ANSI and the developer within 30 days after conclusion of any deliberation for consideration by the BSR, if the standard is submitted to ANSI for approval.

In the case of ANSI Audited Designators, the Audited Designator shall provide a Deliberation Report to the commenter and to ANSI within 30 days after each deliberation. The Audited Designator shall review the results of the deliberation prior to designating a standard as an ANS.

While the outcome is not binding, unless binding provisions are agreed to by the developer, participants are encouraged to develop a consensus on whether and how the standards development project should proceed. *See* also 4.3.

2.5.2 Public Review

In addition, proposals for new American National Standards and proposals to revise, reaffirm, or withdraw approval of existing American National Standards shall be transmitted to ANSI using the BSR-8 form, or its equivalent, for listing in *Standards Action* in order to provide an opportunity for public comment. If it is the case, then a statement of intent to submit the standard for consideration as an ISO, IEC or ISO/IEC JTC-1 standard shall be included as

part of the description of the scope summary that is published in *Standards Action*. The comment period shall be one of the following:

- A minimum of thirty days if the full text of the revision(s) can be published in *Standards Action*;
- A minimum of forty-five days if the document is available in an electronic format, deliverable within one day of a request, and the source (e.g., URL or an E-mail address) from which it can be obtained by the public is provided to ANSI for announcement in *Standards Action;* or
- A minimum of sixty days, if neither of the aforementioned options is applicable.

Such listing may be requested at any stage in the development of the proposal, at the option of the standards developer, and may be concurrent with final balloting. However, any substantive change subsequently made in a proposed American National Standard requires listing of the change in *Standards Action*.

II. ANSI ExSC Discussions

The ANSI Executive Standards Council (ExSC) has not set-forth any specific requirements for "deliberations" other than clause 2.5.

The ExSC did note, however, the following recently:

1. Is a PINS deliberation required if the commenter agrees that one is not specifically required or otherwise notes that his/her comments have been addressed by the developer?

   RESPONSE: No

2. Can a "deliberation" take place via correspondence?

   RESPONSE: Yes

3. Does a "deliberation of stakeholders" require more than communication between the commenter and the standards developer?

   RESPONSE: No. The deliberation may involve the developer and the commenter only; however, both should be open to engaging additional stakeholders, if appropriate.

4. Can the deliberation take place after the 90 day period?

   RESPONSE: Yes

In addition, the ANSI ExSC was asked to interpret clause 2.6 of the *ANSI Essential Requirements* as it relates to the PINS deliberation requirement. Specifically, if a PINS deliberation is held, is there any other activity that must take place before a public review of the draft document?

The ExSC confirmed the following:

In response to a request, the ANSI Executive Standards Council (ExSC) Executive Committee was asked to review the existing language contained in clause 2.5 Notification of standards

development and coordination *of the* ANSI Essential Requirements *to determine whether the procedures require anything more than a mandatory deliberation of stakeholders in response to a claim of conflict or duplication prior to the announcement of a draft standard for public review. The ExSC agreed that the current language does not require anything more in order for an involved standards developer to submit a draft standard for public review. This does not in any way change the developer's responsibility to comply with clause 1.4 Coordination and harmonization, which reads as follows: "Good faith efforts shall be made to resolve potential conflicts between and among existing American National Standards and candidate American National Standards." In addition, developers are obligated to address all claims of conflict and duplication that may result from public review as well as appeals.*

III. Discussion *(Not binding on ANS Program Oversight Committees)*

PINS deliberations to date have typically taken the form of one or more teleconferences or in person meeting(s). The potential outcomes are not limited by the *ANSI Essential Requirements.*

Guidance regarding "Good Faith Efforts"

The following are examples of actions that could be considered consistent with "Good Faith Efforts":

- a preliminary comprehensive review of existing projects to ensure that a contemplated project does not conflict with or duplicate a previously announced or approved standard;
- outreach to other ASDs involved in similar areas to ensure that a standard does not already exist or is under development;
- consideration of a joint project, if another standard with a similar subject matter exists or is under development; and
- thorough and thoughtful consideration of a claim of conflict and timely scheduling and follow-through on agreed upon actions.

Guidance regarding duplication

Thorough and thoughtful consideration should be given to a claim of duplication of content and, if it is agreed that such duplication exists, consideration should be given to whether such duplication is justified by a compelling need.

Guidance regarding the possible outcomes of a PINS Deliberation

The results of such PINS deliberations vary and may include the following:

- an agreement to undertake a joint standard;
- the decision by one party to abandon a project;
- agreement to continue to dialog through the standards development process, perhaps through appointment of members to both consensus bodies, establishment of liaisons;
- involved parties agree to disagree; or
- other.

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Such deliberations *must be memorialized for the record* as required in the *ANSI Essential Requirements* for future review by the ANSI Board of Standards Review (BSR) or by the ANSI Audited Designator. A sample PINS Deliberation Report is included as Annex A. Use of this report is not required; it is simply one approach to documenting a PINS Deliberation.

> Note *that the ANSI BSR will only be involved in the review of any future standard submittal if the submitting standards developer is not an ANSI Audited Designator. If the developer is an ANSI Audited Designator, then its standards are not submitted to the ANSI BSR for approval as ANS are instead approved by the ANSI Audited Designator upon conclusion of its ANSI-Accredited procedures.*

To this point, the ANSI Audited Designator provisions contained in the *ANSI Essential Requirements* state the following in relevant part:

> *In the case of ANSI Audited Designators, the Audited Designator shall review the results of the deliberation prior to designating a standard as an ANS.*

It is true that a PINS deliberation report is not binding on involved parties, i.e., even if a deliberation does not result in a clear resolution, a developer may proceed to implement its ANSI-Accredited Procedures in support of a candidate standard for approval as an ANS. *Claims of conflict or duplication may again be lodged at the public review phase, or in connection with a consensus body vote, at which time they must be addressed, responded to and if unresolved, may form the basis of an appeal at the standards developer level.*

The ultimate determination within ANSI of whether a "good faith" effort has been made will rest with:

- *the ANSI BSR for ANSI-Accredited Standards Developers that do not hold the status of ANSI Audited Designator:* upon conclusion of an appeal at the standards developer level, the ANSI Board of Standards Review will adjudicate related procedural appeals as it is the committee that is charged with determining whether, based on the evidence of consensus provided by the sponsoring standards developer, ANSI's requirements have been met; or

- *the ANSI ExSC for ANSI Audited Designators*: upon conclusion of an appeal at the standards developer level, a complaint could be filed with the ANSI Executive Standards Council (ExSC) in accordance with its procedures.

Please refer to clause *2.4.2 Coordination/Harmonization* (see above) of the *ANSI Essential Requirements* with respect to a "good faith" effort.

As to claims of "duplication", the applicable criterion for standards submitted to the ANSI BSR is delineated in clause *4.2.1.1 Criteria for approval of an American National Standard*:

> *The BSR shall not approve standards that duplicate existing American National Standards unless there is a compelling need.*

For ANSI Audited Designators (see clause 5.2 Criteria for approval of ANSI Audited Designator Status), the developer shall:

> *h) make a good faith effort to resolve conflicts;*

and clause *5.4 Requirements* states the following*:*

> *e) a declaration that other national standards have been examined with regard to*

harmonization and duplication of content, and if duplication exists, there is compelling need for the standard;

f) a declaration that the Audited Designator has made a good faith effort to resolve conflicts;

Annex A – Sample

ANSI PINS Deliberation Report

Note: to be submitted to ANSI in accordance with the ANSI Essential Requirements.

Date of Deliberation:

Location of Deliberation:

Deliberation Chair/Leader:

Deliberation Attendees (Name/affiliation):

Decision-making Panel members (if by panel):

Standard at issue (Designation and Title):

ANSI-Accredited Standards Developer (Sponsor of standard):

Scope of standard:

Summary of comments prompting a PINS Deliberation (or attach comments):

Summary of good faith efforts to date to resolve issue:

Do the parties agree that there is conflict or duplication? If no, summarize position of each side:

Key Discussion Points:

Outcome of Deliberation/Next Steps and Agreed Upon Timeline:

Contact information for submitter(s):

ANSI
American National Standards Institute

ExSC_008_2012

The following proposed revisions to the *ANSI Essential Requirements: Due process requirements for American National Standards* are intended to strengthen and promote timely coordination efforts. The text below also reflects a reorganization and editorial correction of existing text. A prior version of this proposed revision was announced for public comment as ExSC 8189 in 2011 and as a result of comments received and accepted, additional revisions have been incorporated into the proposed text below.

A related informative document labeled ExSC 002-2012 has been updated to provide additional guidance and is also announced for public comment in this issue of *Standards Action.*

2.5 Notification of standards development and coordination

Notification of standards activity shall be announced in suitable media as appropriate to demonstrate the opportunity for participation by all directly and materially affected persons. Developers are encouraged to consult any relevant international or regional guides that may impact the proposed standard and shall advise the relevant ANSI-Accredited U.S. TAG(s) if the standard is intended to be submitted for consideration as an ISO, IEC or ISO/IEC JTC-1 standard.

2.5.1 Project Initiation Notification (PINS)

At the initiation of a project to develop or revise an American National Standard[1], notification shall be transmitted to ANSI using the Project Initiation Notification System (PINS) form, or its equivalent, for announcement in *Standards Action*. Comments received in connection with a PINS announcement shall be handled in accordance with these procedures.

A statement shall be submitted and published as part of the PINS announcement that shall include:

(a) an explanation of the need for the project, including, if it is the case, a statement of intent to submit the standard for consideration as an ISO, IEC or ISO/IEC JTC-1 standard; and

(b) identification of the stakeholders (e.g., telecom, consumer, medical, environmental, etc.) likely to be directly impacted by the standard.

If the response to sub-section (b) changes substantively as the standard is developed, a revised PINS shall be submitted and published.

[1] Including the national adoption of ISO and IEC standards as American National Standards, but excluding actions set-forth in 2.5.1.1.

2.5.1.1 PINS Exceptions

A PINS is not required for revisions of an American National Standard that is maintained under continuous maintenance and (1) is registered as such on the ANSI website, (2) has a notice in the standard that the standard is always open for comment and how to submit comments, and (3) has information on the developer's website that the standard is under continuous maintenance and how to submit comments. A PINS is also not required in connection with the decision to maintain an ANS under the stabilized maintenance option. A PINS form may be submitted, but is not required, at the initiation of a project to reaffirm or withdraw an American National Standard.

2.5.1.2 Assertions of conflict or duplication

If a developer receives written comments within 30 days from the publication date of a PINS announcement in *Standards Action*, and said comments assert that a proposed standard duplicates or conflicts with an existing American National Standard (ANS) or a candidate ANS that has been announced previously (or concurrently) in *Standards Action*, a mandatory deliberation of representatives from the relevant stakeholder groups shall be held within 90 days from the comment deadline. Such a deliberation shall be organized by the developer and the commenter and shall be concluded before the developer may submit a draft standard for public review. If the deliberation does not take place within the 90-day period and the developer can demonstrate that it has made a good faith effort to schedule and otherwise organize it, then the developer will be excused from compliance with this requirement. The purpose of the deliberation is to provide the relevant stakeholders with an opportunity to discuss whether there is a compelling need for the proposed standards project

2.5.1.3 PINS Deliberation Report

The outcome of a PINS deliberation shall be conveyed in writing (the "Deliberation Report") within 30 days after the conclusion of the deliberation by the developer to the commenter and to ANSI. Upon submission of the Deliberation Report, the developer may continue with the submission of the draft standard for public review. If additional deliberations take place, they should not delay the submission of the draft for public review, and an updated Deliberation Report shall be conveyed within 30 days after each deliberation. Any actions agreed upon from the deliberations shall be carried out in a reasonably timely manner, but normally should not exceed 90 days following the deliberation. Subsequently, the developer shall include all of the Deliberation Report(s) with the BSR-9 submittal to the ANSI Board of Standards Review (BSR) for consideration should the developer ultimately submit the subject standard to ANSI for approval. Stakeholders who were involved in the PINS deliberation process may also file separate Deliberation Report(s) with ANSI and the developer within 30 days after conclusion of any deliberation for consideration by the BSR, if the standard is submitted to ANSI for approval.

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In the case of ANSI Audited Designators, the Audited Designator shall provide a Deliberation Report to the commenter and to ANSI within 30 days after each deliberation. The Audited Designator shall review the results of the deliberation prior to designating a standard as an ANS.

While the outcome is not binding, unless binding provisions are agreed to by the developer, participants are encouraged to develop a consensus on whether and how the standards development project should proceed. *See* also 4.3.

2.5.2 Public Review

In addition, proposals for new American National Standards and proposals to revise, reaffirm, or withdraw approval of existing American National Standards shall be transmitted to ANSI using the BSR-8 form, or its equivalent, for listing in *Standards Action* in order to provide an opportunity for public comment. If it is the case, then a statement of intent to submit the standard for consideration as an ISO, IEC or ISO/IEC JTC-1 standard shall be included as part of the description of the scope summary that is published in *Standards Action.* The comment period shall be one of the following:

- A minimum of thirty days if the full text of the revision(s) can be published in *Standards Action*;
- A minimum of forty-five days if the document is available in an electronic format, deliverable within one day of a request, and the source (e.g., URL or an E-mail address) from which it can be obtained by the public is provided to ANSI for announcement in *Standards Action;* or
- A minimum of sixty days, if neither of the aforementioned options is applicable.

Such listing may be requested at any stage in the development of the proposal, at the option of the standards developer, and may be concurrent with final balloting. However, any substantive change subsequently made in a proposed American National Standard requires listing of the change in *Standards Action*.

Newly Published ISO & IEC Standards

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

ISO Standards

ACOUSTICS (TC 43)

ISO 3745:2012, Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Precision methods for anechoic rooms and hemi-anechoic rooms, $167.00

AIR QUALITY (TC 146)

ISO 16000-28:2012, Indoor air - Part 28: Determination of odour emissions from building products using test chambers, $135.00

CORROSION OF METALS AND ALLOYS (TC 156)

ISO 21608:2012, Corrosion of metals and alloys - Test method for isothermal-exposure oxidation testing under high-temperature corrosion conditions for metallic materials, $80.00

ERGONOMICS (TC 159)

ISO 28803:2012, Ergonomics of the physical environment - Application of International Standards to people with special requirements, $98.00

FASTENERS (TC 2)

ISO 898-2:2012, Mechanical properties of fasteners made of carbon steel and alloy steel - Part 2: Nuts with specified property classes - Coarse thread and fine pitch thread, $104.00

GAS CYLINDERS (TC 58)

ISO 11114-1:2012, Gas cylinders - Compatibility of cylinder and valve materials with gas contents - Part 1: Metallic materials, $149.00

GRAPHIC TECHNOLOGY (TC 130)

ISO 12647-8:2012, Graphic technology - Process control for the production of half-tone colour separations, proof and production prints - Part 8: Validation print processes working directly from digital data, $86.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO 14839-4:2012, Mechanical vibration - Vibration of rotating machinery equipped with active magnetic bearings - Part 4: Technical guidelines, $141.00

ISO 21940-13:2012, Mechanical vibration - Rotor balancing - Part 13: Criteria and safeguards for the in-situ balancing of medium and large rotors, $104.00

ISO 21940-32:2012, Mechanical vibration - Rotor balancing - Part 32: Shaft and fitment key convention, $86.00

OTHER

ISO 3690:2012, Welding and allied processes - Determination of hydrogen content in arc weld metal, $104.00

ISO 26082-1:2012, Leather - Physical and mechanical test methods for the determination of soiling - Part 1: Rubbing (Martindale) method, $57.00

ROLLING BEARINGS (TC 4)

ISO 12297:2012, Rolling bearings - Steel cylindrical rollers - Dimensions and tolerances, $80.00

STERILIZATION OF HEALTH CARE PRODUCTS (TC 198)

ISO 11137-2:2012, Sterilization of health care products - Radiation - Part 2: Establishing the sterilization dose, $167.00

THERMAL INSULATION (TC 163)

ISO 13791:2012, Thermal performance of buildings - Calculation of internal temperatures of a room in summer without mechanical cooling - General criteria and validation procedures, $193.00

ISO 13792:2012, Thermal performance of buildings - Calculation of internal temperatures of a room in summer without mechanical cooling - Simplified methods, $157.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO 21216:2012, Intelligent transport systems - Communication access for land mobiles (CALM) - Millimetre wave air interface, $73.00

WATER QUALITY (TC 147)

ISO 12010:2012, Water quality - Determination of short-chain polychlorinated alkanes (SCCPs) in water - Method using gas chromatography-mass spectrometry (GC-MS) and negative-ion chemical ionization (NCI), $116.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 13818-4/Cor3:2012, Information technology - Generic coding of moving pictures and associated audio information - Part 4: Conformance testing - Corrigendum 3, FREE

ISO/IEC 21000-2/Amd1:2012, Information technology - Multimedia framework (MPEG-21) - Part 2: Digital Item Declaration - Amendment 1: Presentation of digital item, $16.00

ISO/IEC 21000-4/Cor1:2012, Information technology - Multimedia framework (MPEG-21) - Part 4: Intellectual Property Management and Protection Components - Corrigendum 1, FREE

ISO/IEC 23000-9/Amd1/Cor2:2012, Information technology - Multimedia application format (MPEG-A) - Part 9: Digital Multimedia Broadcasting application format - Amendment 1: Conformance and reference software - Corrigendum 2, FREE

ISO/IEC 29199-2:2012, Information technology - JPEG XR image coding system - Part 2: Image coding specification, $235.00

ISO/IEC 14543-3-10:2012, Information technology - Home Electronic Systems (HES) - Part 3-10: Wireless Short-Packet (WSP) protocol optimized for energy harvesting - Architecture and lower layer protocols, $116.00

IEC Standards

ELECTRIC CABLES (TC 20)

IEC 60811-100 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 100: General, $56.00

IEC 60811-201 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 201: General tests - Measurement of insulation thickness, $56.00

IEC 60811-202 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 202: General tests - Measurement of thickness of non-metallic sheath, $61.00

IEC 60811-203 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 203: General tests - Measurement of overall dimensions, $41.00

IEC 60811-301 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 301: Electrical tests - Measurement of the permittivity at 23 C of filling compounds, $41.00

IEC 60811-302 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 302: Electrical tests - Measurement of the d.c. resistivity at 23 C and 100 C of filling compounds, $41.00

IEC 60811-401 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 401: Miscellaneous tests - Thermal ageing methods - Ageing in an air oven, $97.00

IEC 60811-402 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 402: Miscellaneous tests - Water absorption tests, $51.00

IEC 60811-403 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 403: Miscellaneous tests - Ozone resistance test on cross-linked compounds, $61.00

IEC 60811-404 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 404: Miscellaneous tests - Mineral oil immersion tests for sheaths, $46.00

IEC 60811-405 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 405: Miscellaneous tests - Thermal stability test for PVC insulations and PVC sheaths, $41.00

IEC 60811-406 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 406: Miscellaneous tests - Resistance to stress cracking of polyethylene and polypropylene compounds, $77.00

IEC 60811-407 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 407: Miscellaneous tests - Measurement of mass increase of polyethylene and polypropylene compounds, $41.00

IEC 60811-408 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 408: Miscellaneous tests - Long-term stability test of polyethylene and polypropylene compounds, $56.00

IEC 60811-409 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 409: Miscellaneous tests - Loss of mass test for thermoplastic insulations and sheaths, $61.00

IEC 60811-410 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 410: Miscellaneous tests - Test method for copper-catalyzed oxidative degradation of polyolefin insulated conductors, $56.00

IEC 60811-411 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 411: Miscellaneous tests - Low-temperature brittleness of filling compounds, $41.00

IEC 60811-412 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 412: Miscellaneous tests - Thermal ageing methods - Ageing in an air bomb, $46.00

IEC 60811-501 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 501: Mechanical tests - Tests for determining the mechanical properties of insulating and sheathing compounds, $87.00

IEC 60811-502 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 502: Mechanical tests - Shrinkage test for insulations, $41.00

IEC 60811-503 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 503: Mechanical tests - Shrinkage test for sheaths, $41.00

IEC 60811-504 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 504: Mechanical tests - Bending tests at low temperature for insulation and sheaths, $51.00

IEC 60811-505 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 505: Mechanical tests - Elongation at low temperature for insulations and sheaths, $56.00

IEC 60811-506 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 506: Mechanical tests - Impact test at low temperature for insulations and sheaths, $51.00

IEC 60811-507 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 507: Mechanical tests - Hot set test for cross-linked materials, $51.00

IEC 60811-508 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 508: Mechanical tests - Pressure test at high temperature for insulation and sheaths, $97.00

IEC 60811-509 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 509: Mechanical tests - Test for resistance of insulations and sheaths to cracking (heat shock test), $56.00

IEC 60811-510 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 510: Mechanical tests - Methods specific to polyethylene and polypropylene compounds - Wrapping test after thermal ageing in air, $41.00

IEC 60811-511 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 511: Mechanical tests - Measurement of the melt flow index of polyethylene compounds, $61.00

IEC 60811-512 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 512: Mechanical tests - Methods specific to polyethylene and polypropylene compounds - Tensile strength and elongation at break after conditioning at elevated temperature, $41.00

IEC 60811-513 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 513: Mechanical tests - Methods specific to polyethylene and polypropylene compounds - Wrapping test after conditioning, $41.00

IEC 60811-601 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 601: Physical tests - Measurement of the drop point of filling compounds, $61.00

IEC 60811-602 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 602: Physical tests - Separation of oil in filling compounds, $46.00

IEC 60811-603 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 603: Physical tests - Measurement of total acid number of filling compounds, $51.00

IEC 60811-604 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 604: Physical tests - Measurement of absence of corrosive components in filling compounds, $41.00

IEC 60811-605 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 605: Physical tests - Measurement of carbon black and/or mineral filler in polyethylene compounds, $46.00

IEC 60811-606 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 606: Physical tests - Methods for determining the density, $51.00

IEC 60811-607 Ed. 1.0 b:2012, Electric and optical fibre cables - Test methods for non-metallic materials - Part 607: Physical tests - Test for the assessment of carbon black dispersion in polyethylene and polypropylene, $41.00

ELECTRICAL EQUIPMENT IN MEDICAL PRACTICE (TC 62)

IEC 60601-2-16 Ed. 4.0 b:2012, Medical electrical equipment - Part 2-16: Particular requirements for basic safety and essential performance of haemodialysis, haemodiafiltration and haemofiltration equipment, $235.00

IEC 60601-2-19 Ed. 2.0 b Cor.1:2012, Corrigendum 1 - Medical electrical equipment - Part 2-19: Particular requirements for the basic safety and essential performance of infant incubators, $0.00

IEC 60601-2-20 Ed. 2.0 b Cor.1:2012, Corrigendum 1 - Medical electrical equipment - Part 2-20: Particular requirements for the basic safety and essential performance of infant transport incubators, $0.00

IEC 60601-2-33 Ed. 3.0 b Cor.1:2012, Corrigendum 1 - Medical electrical equipment - Part 2-33: Particular requirements for the basic safety and essential performance of magnetic resonance equipment for medical diagnosis, $0.00

IEC 80601-2-35 Ed. 2.0 b Cor.1:2012, Corrigendum 1 - Medical electrical equipment - Part 2-35: Particular requirements for the basic safety and essential performance of heating devices using blankets, pads or mattresses and intended for heating in medical use, $0.00

ELECTROMAGNETIC COMPATIBILITY (TC 77)

IEC 61000-4-15 Ed. 2.0 b Cor.1:2012, Corrigendum 1 - Electromagnetic compatibility (EMC) - Part 4-15: Testing and measurement techniques - Flickermeter - Functional and design specifications, $0.00

IEC 61000-4-25 Amd.1 Ed. 1.0 b:2012, Amendment 1 - Electromagnetic compatibility (EMC) - Part 4-25: Testing and measurement techniques - HEMP immunity test methods for equipment and systems, $31.00

POWER ELECTRONICS (TC 22)

IEC 61800-3 Ed. 2.1 b:2012, Adjustable speed electrical power drive systems - Part 3: EMC requirements and specific test methods, $326.00

SEMICONDUCTOR DEVICES (TC 47)

IEC 62047-5 Ed. 1.0 b Cor.1:2012, Corrigendum 1 - Semiconductor devices - Micro-electromechanical devices - Part 5: RF MEMS switches, $0.00

IEC 62047-9 Ed. 1.0 b Cor.1:2012, Corrigendum 1 - Semiconductor devices - Micro-electromechanical devices - Part 9: Wafer to wafer bonding strength measurement for MEMS, $0.00

Registration of Organization Names in the United States

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

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

PUBLIC REVIEW

New York City Health and Hospital Corporation

Public Review: February 10 to May 6, 2012

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 for the creation and maintenance of 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 40+ 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 the following membership categories:

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

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. Visit www.INCITS.org for more information regarding INCITS activities.

Calls 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 premises 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.

The American Society of Safety Engineers (ASSE)

Standards Canvass List

ANSI/ASSE Z590.2-2003

The American Society of Safety Engineers (ASSE) is starting the process of putting together a standards canvass list to request the reaffirmation of ANSI/ASSE Z590.2-2003 as an American National Standard. If/when the standard is reaffirmed, ASSE then intends to launch an initiative to revise and update the standard.

Scope

This standard establishes the scope and functions of the professional safety position.

If your organization is interested in participating as a member of the Z590 Canvass List you will need to send a request in writing to the attention of Tim Fisher via the contact information below. Following the compilation of the initial list, you would then receive additional materials and your interest category would need to be finalized.

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

ANSI Accredited Standards Developers

Administrative Reaccreditation

The National Board of Boiler and Pressure Vessel Inspectors (NBBPVI)

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of The National Board of Boiler and Pressure Vessel Inspectors (NBBPVI), a full ANSI Organizational Member, has been administratively approved under its recently revised operating procedures for documenting consensus on NBBPVI-sponsored American National Standards, effective March 20, 2012. For additional information, please contact: Ms. Robin Hough, NBIC Committee Coordinator, The National Board of Boiler and Pressure Vessel Inspectors, 1055 Crupper Avenue, Columbus, OH 43229; phone: 614.888.8320 ext. 228; Email: RHough@nationalboard.org.

Application for Accreditation

OASIS

Comment Deadline: April 23, 2012

OASIS, an ANSI Organizational Member, has submitted an application for accreditation as an ANSI Accredited Standards Developer (ASD) and proposed operating procedures for documenting consensus on proposed American National Standards (ANS). OASIS' proposed scope of standards activity is as follows:

OASIS develops structured information standards that enable the intelligent use and reuse of information and data in electronic environments.

OASIS currently manages 70+ Technical Committees in the areas of identity, access and security, Cloud computing, Service Oriented Architecture, Web services, the Smart Grid, electronic publishing, emergency management, and other areas. Each Technical Committee identifies its specific scope during formation and will individually determine if ANS (American National Standards) are appropriate for its work.

To obtain a copy of OASIS' proposed operating procedures, or to offer comments, please contact: Mr. Scott McGrath, Chief Operating Officer, OASIS-Open, 24 Corporate Drive, Suite 103, Burlington, MA 01803-4238; phone: 781.425.5073; fax: 781.425.5072; Email: scott.mcgrath@oasis-open.org. Please submit your comments to OASIS by April 23, 2012, with a copy to the Recording Secretary, ExSC in ANSI's New York Office (facsimile: 212.840.2298; E-mail: Jthompso@ANSI.org). As the proposed procedures are available electronically, the public review period is 30 days. You may view or download a copy of OASIS' proposed operating procedures from ANSI Online during the public review period at the following URL: http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fPublic%20Review%20and%20Comment%2fANS%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d.

ANSI Accreditation Program for Greenhouse Gas Verification/Validation Bodies

Voluntarily Withdrawn

Ptarmigan Forestry & Carbon Consulting LLC

Comment Deadline: April 23, 2012

Ptarmigan Forestry & Carbon Consulting LLC on March 20, 2012.

Please send your comments by April 23, 2012 to Ann Bowles, Director, Environmental Accreditation Programs, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: abowles@ansi.org.

ANSI Accreditation Program for Third Party Product Certification Agencies

Voluntary Withdrawal from ANSI Accreditation

Northwest EMC, Inc. (NWEMC)

Comment Deadline: April 23, 2012

Northwest EMC, Inc. (NWEMC)
22975 NW Evergreen Parkway, #400
Hillsboro, OR 97124

Northwest EMC, Inc. (NWEMC), an ANSI-Accredited Certification Body,. has formally submitted notification of its voluntary withdrawal from ANSI accreditation for the following scopes, effective on February 29, 2012:

SCOPE(S)

Federal Communications Commission Requirements Related to TCB Programs

FCC (A1) Unlicensed Radio Frequency Devices
FCC (A2) Unlicensed Radio Frequency Devices
FCC (A3) Unlicensed Radio Frequency Devices
FCC (A4) Unlicensed Radio Frequency Devices
FCC (B1) Licensed Radio Frequency Devices
FCC (B2) Licensed Radio Frequency Devices
FCC (B3) Licensed Radio Frequency Devices
FCC (B4) Licensed Radio Frequency Devices

REC-CB Procedure for the Recognition of Foreign Certification Bodies by Industry Canada

Radio Scope 1 – Licence-exempt Radio Frequency Devices
Radio Scope 2 – Licensed Personal Mobile Radio Services
Radio Scope 3 – Licensed General Mobile and Fixed Radio Services
Radio Scope 4 – Licensed Maritime and Aviation Radio Services
Radio Scope 5 – Licensed Fixed Microwave Radio Services

Please send your comments by April 23, 2012 to Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, D. 20036, Fax: 202-293-9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Program Manager, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036 Fax: 202-293-9287 or e-mail: njackson@ansi.org.

ANSI-ASQ National Accreditation Board (ANAB)

ISO 9001 Quality Management Systems

Application for Accreditation

Certification Body

DOT Quality Services

Comment Deadline: April 22, 2012

DOT Quality Services, Chicago, IL, has applied for accreditation under the ANSI-ASQ National Accreditation Board for Certification Bodies of ISO 9001 Quality Management Systems.

Comments on the application of the above certification body are solicited from interested parties. Please send your comments by April 22, 2012, to Lane Hallenbeck, Vice-President, Accreditation Services, American National Standards Institute, 1899 L Street NW, 11th Floor, Washington, DC 20036; Fax (202) 293-9287, or e-mail lhallenb@ansi.org.

International Organization for Standardization (ISO)

Calls for US/TAG and US/TAG Administrators

ISO/TC 268 – Sustainable Development in Communities

The ISO Technical Management board has created a new ISO Technical Committee on Sustainable development in communities (ISO/TC 268). The secretariat has been assigned to AFNOR (France). The new technical committee has the following scope:

> Standardization in the field of Sustainable Development in Communities will include requirements, guidance and supporting techniques and tools to help all kind of communities, their related subdivisions and interested and concerned parties become more resilient and sustainable and demonstrate achievements in that regard.
>
> The proposed series of International Standards will thus encourage the development and implementation of holistic, cross-sector and area-based approaches to sustainable development in communities. As appears in the program of work, it will include Management System Requirement, Guidance and Related standards.

Organizations interested in serving as the US/TAG administrator or participating on the US/TAG should contact ANSI's ISO Team at isot@ansi.org.

ISO/TC 268/SC 1 – Smart Urban Infrastructure Metrics

The ISO Technical Management board has created a Subcommittee on Smart Urban Infrastructure Metrics (ISO/TC 268/SC 1). The secretariat has been assigned to JISC (Japan).

Organizations interested in serving as the US/TAG administrator or participating on the US/TAG should contact ANSI's ISO Team at isot@ansi.org.

New Work Item Proposal for a New ISO Standard

Glass Beads for Road Materials – Determination of Refractive Index using Secondary Rainbow Method

Comment Deadline: April 27, 2012

ISO's Committee on Consumer Policy has submitted to ISO a new work item proposal for a new ISO standard on "Glass beads for road materials – Determination of refractive index using secondary rainbow method" with the following scope statement:

> To provide a procedure for determining the refractive index of glass beads for road materials such as road marking materials and reflective films using the secondary rainbow method.

Anyone wishing to review the new work item proposal can request a copy of the proposal by contacting ANSI's ISO Team via email: isot@ansi.org with submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, April 27, 2012.

Proposals for New Fields of ISO Technical Activity

Machines Used for the Preparation and Processing of Plastics and Rubber

Comment Deadline: April 23, 2012

The Standards Administration of Italy (UNI) has submitted to ISO a proposal for a new field of ISO technical activity on the subject of Plastic and rubber machines, with the following scope statement:

> Standardization in the field of machines used for the preparation and processing of plastics and rubber. The proposed ISO/TC will be responsible for the international standardization of the detailed safety requirements for a particular machine or group of machines. Such requirements are applicable to the design and construction of machinery used in the plastics and rubber industry, defining hazards, hazardous situations and events.

Anyone wishing to review the new work item proposal can request a copy of the proposal by contacting ANSI's ISO Team via email: isot@ansi.org with submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, April 23, 2012.

RTS, Road Traffic Safety, Management Standards

Comment Deadline: April 13, 2012

The Standards Administration of Sweden (SIS) has submitted to ISO a proposal to convert ISO Project Committee 241 - Road Traffic Safety Management System into a new ISO technical committee with an expanded scope and work program. The proposed scope for this new ISO technical committee is:

> Standardization in the field of RTS, Road traffic safety, management standards, needs, to be effective, to consist of (1) a requirement standard (which ISO 39001 will be), (2) RTS specific auditing requirements in third party certification, and (3) implementation and guidance documents

Anyone wishing to review the new work item proposal can request a copy of the proposal by contacting ANSI's ISO Team via email: isot@ansi.org with submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, April 13, 2012.

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

First Public Review Draft

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

First Public Review (March 2012)
(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 standard, go to the ASHRAE website at www.ashrae.org/standards-research--technology/public-review-drafts 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 website) remains in effect. The current edition of any standard may be purchased from the ASHRAE Online Store at www.ashrae.org/bookstore or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

This standard is under continuous maintenance. To propose a change to the current standard, use the change submittal form available on the ASHRAE website, www.ashrae.org.

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

ASHRAE, 1791 Tullie Circle, NE, Atlanta GA 30329-2305

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

FOREWORD

This addendum adds definitions of "bubble point" and "dew point" to Section 3 of this Standard.

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

Addendum z to 34-2010

Add the following definitions to Section 3, Definitions of Terms

***bubble point*:** The liquid saturation temperature of a refrigerant at the specified pressure; the temperature at which a liquid refrigerant first begins to boil. The bubble point of a zeotropic refrigerant blend, at constant pressure, is lower than the dew point.

***dew point*:** The vapor saturation temperature of a refrigerant at the specified pressure; the temperature at which the last drop of liquid refrigerant boils. The dew point of a zeotropic refrigerant blend, at constant pressure, is higher than the bubble point.

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

First Public Review Draft

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

First Public Review (March 2012)
(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 standard, go to the ASHRAE website at www.ashrae.org/standards-research--technology/public-review-drafts 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 website) remains in effect. The current edition of any standard may be purchased from the ASHRAE Online Store at www.ashrae.org/bookstore or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

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ASHRAE, 1791 Tullie Circle, NE, Atlanta GA 30329-2305

BSR/ASHRAE Addendum ab to ANSI/ASHRAE Standard 34-2010, *Designation and Safety Classification of Refrigerants*

First Public Review Draft

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FOREWORD

This addendum adds new zeotropic refrigerant 443A 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 ab 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 = 443A
Composition (Mass %) = R-1270/290/600a (55.0/40.0/5.0)
Composition tolerances = (±2.0/±2.0/±1.2)
OEL = 580
Safety Group = A3
RCL = 1,700 ppm v/v; 3.1 g/m^3; 0.19 lb/Mcf
Highly Toxic or Toxic Under Code Classification = Neither

TABLE D2 Data for Refrigerant Blends

Refrigerant Number = 443A
Composition (Mass %) = R-1270/290/600a (55.0/40.0/5.0)
Average Molecular Mass = 43.48
Bubble Point (°C) = -44.8
Bubble Point (°F) = -48.6
Dew Point (°C) = -41.2
Dew Point (°F) = -42.2

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

First Public Review Draft

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

First Public Review (March 2012)
(Draft shows Proposed Changes to Current Standard)

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BSR/ASHRAE Addendum aa to ANSI/ASHRAE Standard 34-2010, *Designation and Safety Classification of Refrigerants*

First Public Review Draft

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FOREWORD

This addendum modifies Section 9.5.2.2, Azeotropic Blends, to define the requirements Applicants shall provide as evidence of the existence of an azeotropic blend within the intended application range in requesting an R-500 Series Designation.

[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 aa to 34-2010

Add the following underlined language to Section 9.5.2.2 of this standard and modify 9.5.2.2 (i):Evidence of Azeotropy

9.5.2.2 Azeotropic Blends. Applications for an azeotropic (R500-series) blend shall provide evidence proving that an azeotrope exists at the nominal blend composition within the intended application range, typically the temperature range $T_{NBP} < T < (0.95T_{crit})$, where T_{NBP} is the bubble point temperature at a pressure of 0.101 MPa and T_{crit} is the critical temperature (in Kelvin) of the blend. The existence of the azeotrope shall be proven by one or more of the following methods:

(a) Measurement of the vapor-liquid equilibrium at the azeotropic temperature at multiple compositions and with sufficient accuracy to (1) show the existence of a maximum or a minimum in the vapor pressure of the mixture and (2) to define the composition of the maximum or minimum.

(b) Measurement of the vapor-liquid equilibrium at the azeotropic pressure at multiple compositions and with sufficient accuracy to (1) show the existence of a maximum or a minimum in the boiling point of the mixture and (2) to define the composition of the maximum or minimum.

(c) Experimental data showing that the azeotropic composition under consideration (x wt%) is achieved at the overhead of a high efficiency distillation column (theoretical plates >20), when the two compositions $x/2$ wt% and $(100-x)/2$ wt% are distilled separately.

Azeotropic blends exhibit some segregation of components at other conditions. The blend must not deviate substantially from azeotropic behavior at conditions away from the azeotropic temperature and pressure as evidenced by a temperature glide less than 0.5 ˚C (0.9 ºF) over the temperature range $T_{NBP} < T < (0.95T_{crit})$. This requirement shall be met by either experimental evidence or a computer simulation of phase equilibrium behavior, provided that the computer model has been verified by experimental data.

The following additional information shall be provided for azeotropes:

…

i. ~~Evidence of azeotropy, including a detailed description of testing and a vapor-liquid equilibrium diagram (optional supporting information may be provided as an appendix)~~ A vapor-liquid equilibrium diagram plotting either temperature versus composition at constant pressure or pressure versus composition at constant temperature.

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

Public Review Draft

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

Second Public Review (February 2012)
(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.

The first public review version of the addendum provided a default value for V_{pz}. Based on a public review comment, the SSPC has revised the approach used. Table 6-3 provides default values for E_v based on Max (Z_p) up to a value of 0.55. For higher values of Max (Z_p), then Appendix A is needed to be used to determine E_v. This proposed addendum will provide a default value for E_v for values of Max (Z_p) above 0.55.

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Addendum f to 62.1-2010

Modify Section 6.2.5.2 as follows:

6.2.5.2 System Ventilation Efficiency. The system ventilation efficiency (E_v) shall be determined in accordance with Table 6-3 or Normative Appendix A or shall be assumed to be 0.6.

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

Public Review Draft

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

Second Public Review (February 2012)
(Draft shows Proposed Changes to Current Standard)

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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 = 0.18 cfm/ft².

The second public review version of the addendum assigns this new space type with an air class of 2 rather than class 1 from the first publication public review version, and increased R_a from 0.06 cfm/ft² to 0.18 cfm/ft².

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

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	0.18	0.9	E	7	45	23	2

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

Public Review Draft

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

First Public Review (February 2012)
(Draft shows Proposed Changes to Current Standard)

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FOREWORD

This proposed addendum adds an exception to the recirculation limits on Class 4 exhaust airstreams from laboratory hoods which would allow use of heat wheel energy recovery in some cases. The exception defines several criteria which the airstream must meet before such heat recovery can be used, and the heat recovery system must limit recirculation airflow to less than 0.5% of the outdoor air intake flow.

[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 k to 62.1-2010

Revise Section 5.16.3.4 as follows:

5.16.3.4 Class 4 Air. Class 4 air shall not be recirculated or transferred to any space nor recirculated within the space of origin.

Exception: When using any energy recovery device, recirculation from leakage, carryover, or transfer from the exhaust side of the energy recovery device is permitted subject to the following restrictions:

a. Laboratory exhaust from facilities where the use of chemicals is related to testing, analysis, teaching, research or developmental activities and where chemicals are used or synthesized on a nonproduction basis, rather than in a manufacturing process, provided that:

1. The laboratory is classified as BSL 2 or lower,
2. The exhaust air from a BSL 3 laboratory has been HEPA filtered prior to entry into the heat recovery system,
3. The laboratory does not handle explosive or reactive chemicals that could accumulate or react on or within the heat recovery system, and
4. The mass balance calculations specified in the IAQP shall be used with the emissions to be handled by the exhaust system to ensure that resulting concentrations in the space are below acceptable limits, such as those specified in Appendix B.

b. Recirculated Class 4 air shall not exceed 0.5% of the outdoor air intake flow.

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

Public Review Draft

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

First Public Review (February 2012)
(Draft shows Proposed Changes to Current Standard)

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FOREWORD

Standard 62.1-2010, Table 6-1, includes ventilation rates for warehouses, which would apply to refrigerated warehouse. Refrigerated warehouse spaces are significantly different from conventional warehouses in a number of ways. The low temperatures will slow the emission of contaminants, such as VOCs, from the materials stored in the space, the characteristics of the items being stored will be different, and the amount of time spent in the space by occupants may be shorter (particularly for spaces kept at sub-freezing temperatures).

This proposed addendum adds a refrigerated warehouse space type to Table 6-1, providing revised ventilation rates for these spaces. These rates include a "People Outdoor Air Rate, R_p" which will require ventilation during periods of expected occupancy, but do not include an "Area Outdoor Air Rate, R_a" which will allow the ventilation rate to be zero for refrigerated warehouses with no occupants. Note E to Table 6-1 is modified to indicate that if combustion powered equipment (e.g., a propane forklift) is used in the space, additional ventilation is required.

This proposed addendum was provided to TC 10.1, Custom Engineered Refrigeration Systems, for comment. Based on those comments, the "Area Outdoor Air Rate" was set to zero, and no distinction is made between refrigerated and freezer spaces.

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Addendum *l* to 62.1-2010

Add new Occupancy Categories to Table 6-1, and revise note E as follows:
(The rest of Table 6-1 remains unchanged.)

TABLE 6-1 Minimum Ventilation Rates in Breathing Zone (*Continued*)

Occupancy Category	People Outdoor Air Rate R_p		Area Outdoor Air Rate R_a		Notes	Default Values			Air Class
						Occupant Density (see Note 4)	Combined Outdoor Air Rate (see Note 5)		
	cfm/person	L/s•person	cfm/ft^2	L/s•m^2		#/1000 ft^2 or #/100 m^2	cfm/person	L/s·person	
Miscellaneous Spaces									
Freezer and Refrigerated Spaces (<50°F)	10	5	0	0	E	0	0	0	2

ITEM-SPECIFIC NOTES FOR TABLE 6-1

E When combustion equipment is intended to be used on the playing surface or in the space, additional dilution ventilation and/or source control shall be provided.

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

Public Review Draft

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

Third Public Review (February 2012)
(Draft shows Proposed Independent Substantive Changes to Previous Public Review Draft)

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed standard, go to the ASHRAE website at www.ashrae.org/standards-research--technology/public-review-drafts 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 website) remains in effect. The current edition of any standard may be purchased from the ASHRAE Online Store at www.ashrae.org/bookstore or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

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FOREWORD

This proposed addendum removes Method A of ASTM E1554 as an option for the duct tightness testing in the new proposed Section A4.1.This proposed change was previously posted as a second public review (independent substantive change pubic review).

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Addendum a to 62.2-2010

Reviewer Note: Revise proposed new Section A4.1 as follows:

A4. AIR-MOVING EQUIPMENT

A4.1 Duct Tightness. Homes to which this appendix is applied may use one of the following alternatives in lieu of meeting the duct tightness requirement of Section 6.5.2:

a. Determine that the ducts have no more than 6% leakage to outside using Method ~~A,~~ B or C of ASTM E1554, or

b. Seal all seams, connections, and penetrations in ducts outside the pressure boundary using aerosol sealants, duct mastic, or tapes meeting UL181 except for cloth-backed rubber adhesive tapes.

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

Public Review Draft

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

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FOREWORD

The proposed change makes it clear that a system must be operated in order to achieve the stated purpose of the standard to define minimum requirements for acceptable indoor air quality. Currently the standard is vaguely worded such that a system could be installed and turned off and be in compliance with the standard. A non-operating system cannot achieve the air change rate required in Section 4.1 of the standard and the standard should be clear that the system needs to operate to be in compliance. Elsewhere in the standard (Section 4.4) it is stated that: "Readily accessible override control must be provided to the occupant." The proposed change makes it clear that the override control is modifying or suspending normal operation.

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Addendum o to 62.2-2010

Revise Section 4.1 as follows:

4.1 Ventilation Rate. A mechanical exhaust system, supply system, or combination thereof shall be installed to operate for each dwelling unit to provide whole-building ventilation with outdoor air each hour at no less than the rate specified in Tables 4.1a and 4.1b or, equivalently, Equations 4.1a and 4.1b, based on the floor area of the conditioned space and number of bedrooms.

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

Public Review Draft

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

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FOREWORD

Historically, local exhaust fans have been permitted to serve the dual function of providing whole-house ventilation and local exhaust. When serving as dual-duty fans, the whole-house rate and the local exhaust rate have not been required to be additive. For example, a building with a continuous whole-house rate of 90 cfm is not required to install a 110 cfm fan in a bathroom to also provide the continuous exhaust rate for bathrooms of 20 cfm. Rather, a 90 cfm continuously operating bath fan is recognized to provide both the whole-house rate of 90 cfm and the continuous local exhaust rate of 20 cfm. This proposed change is needed to clarify that the whole building ventilation rate can be credited towards the local exhaust rate, and that the rates are not required to be additive.

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Addendum q to 62.2-2010

Revise Section 4.2 as follows:

4.2 System Type. The whole-house ventilation system shall consist of one or more supply or exhaust fans and associated ducts and controls. Local exhaust fans shall be permitted to be part of a mechanical exhaust system. Where local exhaust fans are used to provide whole-house ventilation, the local exhaust airflow may be credited towards the whole-house ventilation airflow requirement. Outdoor air ducts connected to the return side of an air handler shall be permitted as supply ventilation if manufacturers' requirements for return air temperature are met. See Chapter 10 of Guideline 24[2] for guidance on selection of methods.

BSR/ASHRAE/IES Addendum ad to ANSI/ASHRAE/IES Standard 90.1-2010

Public Review Draft

Proposed Addendum ad to Standard 90.1-2010, *Energy Standard for Buildings Except Low-Rise Residential Buildings*

First Public Review (February 2012)
(Draft shows Proposed Changes to Current Standard)

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BSR/ASHRAE/IES Addendum ad to ANSI/ASHRAE/IESNA Standard 90.1-2010, *Energy Standard for Buildings Except Low-Rise Residential Buildings*
First Public Review Draft

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FOREWORD

This proposal updates referenced standards for ARI 340/360 and ARI 1230 in various provisions covering mechanical systems in 90.1-2010.

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Addendum ad to 90.1-2010

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

12. NORMATIVE REFERENCES

Reference	Title
Air-Conditioning, Heating and Refrigeration Institute, 2111 Wilson Blvd., Suite 500, Arlington, VA 22201	
AHRI 340/360-2007 with Addenda 1 and 2	Performance Rating of Commercial and Industrial Unitary Air
AHRI 1230-2010 with Addendum 1	Performance Rating of Variable Refrigerant Flow (VRF)Multi-split Air-Conditioning and Heat Pump Equipment

BSR/ASHRAE/IES Addendum ah
to ANSI/ASHRAE/IES Standard 90.1-2010

Public Review Draft

Proposed Addendum ad to Standard 90.1-2010, *Energy Standard for Buildings Except Low-Rise Residential Buildings*

First Public Review (February 2012)
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FOREWORD

Buildings located in humid climates may require dehumidification and reheat of supply air to maintain space dry bulb temperatures even when ventilation requirements may be no more than local code and/or Standard 62.1.

Appendix G baseline building design *systems 3 through 8 are "single-path" airflow systems and unless the requirements for Exhaust Air Energy recovery (section 6.5.6.1) are met, then the* baseline building design *system may be required to reheat the supply airstream given the dehumidification load. Since space dehumidification setpoints must be the same between the baseline building design and proposed design, humid climates may result in the* baseline building design *system having to substantially sub-cool the supply airstream and in turn reheat to maintain the space supply air dry bulb setpoint. In some scenarios this may result in considerable energy consumption for the* baseline building design.

The new exception b to G3.1.2.9.1 allows the baseline building design *supply air to be sized based on the same humidity ratio difference of the* proposed design. *New section G3.1.3.18 requires the* baseline building design *to count only 25% of the total energy used to reheat the supply air stream. The assumption is that 75% of the total energy used to reheat in the* baseline building design *comes from a recovered source (i.e. condenser heat recovery or exhaust air energy recovery, etc.) By comparison section G3.1.3.18 will require design teams to seriously consider limiting or eliminating reheat (by using dedicated outdoor air units, or condenser heat recovery, or exhaust air energy recovery, etc) in the* proposed design *since the* baseline building design *gets 75% of its total reheat energy from a recovered source.*

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Addendum ah to 90.1-2010

Add the following acronym to Section 3.3(IP units)
gr grains of moisture per pound of dry air
Add the following acronym to Section 3.3(SI units)
gr grains of moisture per kg of dry air

Revise the Standard as follows (I-P units)

G3.1.2.9 Design Air Flow Rates.

G3.1.2.9.1 Baseline System Types 1 through 8. System design supply air flow rates for the *baseline building design* shall be based on a supply-air-to-room-air temperature difference of 20°F or the minimum outdoor air flow rate, or the air flow rate required to comply with applicable codes or accreditation standards, whichever is greater. If return or relief fans are specified in the *proposed design*, the *baseline building design* shall also be modeled with fans serving the same functions and sized for the *baseline* system supply fan air quantity less the minimum *outdoor air*, or 90% of the supply fan air quantity, whichever is larger.

Exceptions:

a. For systems serving laboratory spaces, use a supply-air-to-room-air temperature difference of 17°F or the required ventilation air or makeup air, whichever is greater.

b. If the *proposed design* HVAC design airflow rate based on latent loads is greater than the design airflow rate based on sensible loads, then the same supply-air-to-room-air humidity ratio difference (gr/lb) used to calculate the *proposed design* airflow shall be used to calculate design airflow rates for the *baseline building design.*

G3.1.3.18 Dehumidification (Systems 3 through 8) If the *proposed design* HVAC system(s) have humidistatic controls then the *baseline building design* shall use mechanical cooling for dehumidification and shall have reheat available to avoid overcooling. When the *baseline building design* HVAC system does not comply with any of the exceptions in Section 6.5.2.3, then only 25% of the system reheat *energy* shall be included in the *baseline building performance.* The reheat type shall be the same as the system heating type.

Revise the Standard as follows (SI units)

G3.1.2.9 Design Air Flow Rates.

G3.1.2.9.1 Baseline System Types 1 through 8. System design supply air flow rates for the *baseline building design* shall be based on a supply-air-to-room-air temperature difference of ~~20°F~~ 11.11°C or the minimum outdoor air flow rate, or the air flow rate required to comply with applicable codes or accreditation standards, whichever is greater. If return or relief fans are specified in the *proposed design*, the *baseline building design* shall also be modeled with fans serving the same functions and sized for the *baseline* system supply fan air quantity less the minimum *outdoor air*, or 90% of the supply fan air quantity, whichever is larger.

Exceptions:

a. For systems serving laboratory spaces, use a supply-air-to-room-air temperature difference of ~~17°F~~ 9.44°C or the required ventilation air or makeup air, whichever is greater.

b. If the *proposed design* HVAC design airflow rate based on latent loads is greater than the design airflow rate based on sensible loads, then the same supply-air-to-room-air humidity ratio difference (gr/kg) used to calculate the *proposed design* airflow shall be used to calculate design airflow rates for the *baseline building design.*

G3.1.3.18 Dehumidification (Systems 3 through 8) If the *proposed design* HVAC system(s) have humidistatic controls then the *baseline building design* shall use mechanical cooling for dehumidification and shall have reheat available to avoid overcooling. When the *baseline building design* HVAC system does not comply with any of the exceptions in Section 6.5.2.3, then only 25% of the system reheat *energy* shall be included in the *baseline building performance.* The reheat type shall be the same as the system heating type.

BSR/ASHRAE/IES Addendum aj
to ANSI/ASHRAE/IES Standard 90.1-2010

Public Review Draft

Proposed Addendum aj to Standard 90.1-2010, *Energy Standard for Buildings Except Low-Rise Residential Buildings*

First Public Review (February 2012)
(Draft shows Proposed Changes to Current Standard)

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FOREWORD

Research conducted by the Califronia Energy Commission and others indicates that Electronically Commutated Motors (ECM) are more efficient and are cost effective compared to standard (e.g. PSC) motors in applications where the fan runs many hours per day (e.g. toilet exhaust fans, series fan-powered VAV boxes, and fan-coil units) other than those in the airstream that operate only when heating a space since the motor in that case behave essentially as an electric resistance heater. ECMs also reduce energy because their speed can be adjusted for balancing rather than throttling dampers. (ECMs can also be used for variable speed capacity control but that is not a requirement of this section.)

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Addendum aj to 90.1-2010

Revise the Standard as follows (I-P units)

Revise the Standard as follows (I-P units)

Add Section 6.5.3.5

6.5.3.5 Fractional HP Fan Motors. Motors for fans that are 1/12 HP or greater and less than 1 HP shall be electronically-commutated motors or shall have a minimum motor efficiency of 70 percent when rated in accordance with DOE 10 CFR 431 . These motors shall also have the means to adjust motor speed for either balancing or remote control. Belt-driven fans may use sheave adjustments for airflow balancing in lieu of a varying motor speed.

Exceptions:

1. Motors in the airstream within fan-coils and terminal units that operate only when providing heating to the space served.
2. Motors installed in space conditioning equipment certified under Section 6.4.1. Motors covered by Tables 10.8.d or 10.8.e

BSR/ASHRAE/IES Addendum as to ANSI/ASHRAE/IES Standard 90.1-2010

Public Review Draft

Proposed Addendum as to Standard 90.1-2010, *Energy Standard for Buildings Except Low-Rise Residential Buildings*

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FOREWORD

The current wording of Standard 90.1 limits simultaneous heating and cooling in Zone Controls, hydronic systems, dehumidification systems, and humidification systems. The existing wording does not limit simultaneous heating and cooling in some air handling equipment serving multiple zones. This addendum is intended to limit some of these cases.

Some air handling systems consume large amounts of heating energy when in economizer mode. A common example is that a hospital may have a discharge air temperature setpoint of 52F, but have so much heat generated by devices such as integral face and bypass heating coils and humidifier bayonets that it may be in 100% economizer mode when the outside air temperature is below 40F. A 100,000 CFM air handling system with 20F of unintended heating would consume over 2 million Btuh when it was theoretically in free cooling mode. In this situation, the humidification load would also approximately triple because of the increase in outside air flow rate.

One consequence of this addendum would be to require manufacturers of preheat coils to design them such that the heating control valve can be closed when heat is not required, even during cold weather.

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Addendum as to 90.1-2010

Revise the Standard as follows (I-P units)

Revise the Standard as follows (I-P units)

~~**6.4.3.6 Humidifier Preheat.** Humidifiers with preheating jackets mounted in the airstream shall be provided with an automatic valve to shut off preheat when humidification is not required.~~

6.5.2.4 Humidification

6.5.2.4.1 Systems with hydronic cooling and humidification systems designed to maintain inside humidity at a dew-point temperature greater than 35°F shall use a water *economizer* if an *economizer* is required by Section 6.5.1.

6.5.2.4.2 Humidifiers with preheating jackets mounted in the airstream shall be provided with an automatic valve to shut off preheat when humidification is not required.

6.5.2.4.3 Humidification system dispersion tube hot surfaces in the airstream of ducts or air handling units shall be insulated with a product with an insulating value of at least R-0.5.

Exception: Systems where *mechanical cooling*, including *economizer* operation, does not occur simultaneously with humidification.

6.5.2.5 Preheat Coils. Preheat coils shall have controls that stop their heat output whenever *mechanical cooling*, including *economizer*, is occurring.

Revise the Standard as follows (SI units)

BSR/ASHRAE/IES/USGBC Addendum aa to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011

Public Review Draft

Proposed Addendum aa to Standard 189.1-2011 Standard for the Design of High-Performance Green Buildings

Except Low-Rise Residential Buildings

Second Public Review (Independent Substantive Change - March 2012) (Draft Shows Proposed Changes to Current Standard)

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FOREWORD

The independent substantive changes to addendum aa contained in this proposal are fairly narrow in scope and address three issues.

1. *Clarify that requirements for Visible Transmittance (VT) of Skylights and Roof Monitors apply only to those products when they are used to comply with the minimum daylighted area requirements. If extra skylights or roof monitors are added these requirements don't apply.*
2. *Allow as an exception, smaller skylight areas if the transmittances of the skylights are high enough that the skylight effective aperture is above 1%. This essentially matches the option for skylights to have either 40% VT and 3% skylight area or 1% skylight effective aperture as described in Section 5.5.4.2.3 of ASHRAE 90.1-2010. The smaller skylight areas with an effective aperture over 1% are allowed as an exception to make clear that for the energy performance-option (Section 7.5), the smallest possible skylight area in the baseline building has 3% skylight area with a 40% VT .*
3. *Allow as an exception, skylights with lower transmittances if there is enough skylight area so that the skylight effective aperture is above 1%. This essentially matches the option for skylights to have either 40% VT and 3% skylight area or 1% skylight effective aperture as described in Section 5.5.4.2.3 of ASHRAE 90.1-2010. The lower skylight VTs with an effective aperture over 1% are allowed as an exception to make clear that for the energy performance-option (Section 7.5) the baseline building has 40% VT and skylight area no less than 3% of daylit area and no more than 5% of roof area.*

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Addendum aa ISC to 189.1-2011

Add to Section 3.2 Definitions:

enclosed space: See ANSI/ASHRAE/IES Standard 90.1 definition.

skylight effective aperture*: See* ANSI/ASHRAE/IES Standard 90.1 definition.

BSR/ASHRAE/USGBC/IES Addendum aa to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings Second Public Review Draft (Independent Substantive Change)

Modify Section 8.4.1 Daylighting as follows:

8.4 Prescriptive Option

8.4.1 Daylighting

8.4.1.1 Daylighting in Large Spaces Directly under a Roof and having High Ceilings. Enclosed spaces, including conditioned and unconditioned spaces, shall comply with sections 8.4.1.1.1, 8.4.1.1.2 and 8.4.1.1.3, provided these spaces meet all of the following criteria:

- The space is in a building with three stories or less above grade,
- The space area is greater than 5,000 ft^2 (465 m^2)
- The space is located directly under a *roof* and average ceiling heights are greater than 15 ft (4.6 m) and
- The space *lighting power allowance*-for general lighting is equal to or greater than 0.5 W/ft^2 (5.4 W/m^2).

Exceptions to 8.4.1.1:

1. Spaces in buildings located in *climate zones* 7 or 8.
2. Auditoria, motion picture theaters, performing arts theaters, museums, places of worship, and refrigerated warehouses.
3. Enclosed spaces where documentation shows that existing structures or natural objects block direct sunlight on at least 50% of the roof over the enclosed space at all three of the following times on the date of the spring equinox: three hours before solar noon (peak solar altitude), at solar noon and three hours after solar noon.

8.4.1.1.1 Minimum Daylight Area. A minimum of 50% of the floor area shall be in the *daylight area* as defined in section 3. *Daylight areas* shall be under skylights, under roof monitors or in the primary or secondary sidelighted areas and shall meet at least one of the following requirements:

1. The combined area of the skylights within the space shall be no less than 3% of the calculated *daylight area* under skylights.

Exception: *Enclosed spaces* that have a *skylight effective aperture* of at least 1%.

2. The combined area, within the space, of any vertical fenestration in roof monitors shall be no less than 20% of the calculated *daylight area* under roof monitors.
3. Primary sidelighted areas shall have a *sidelighting effective aperture* of no less than 0.15.
4. Secondary sidelighted areas shall have a *sidelighting effective aperture* of no less than 0.30.

8.4.1.1.2 Visible Transmittance (VT) of *Skylights* and *Roof Monitors*. The visible transmittance of *skylights* and *roof monitors* for *daylight areas* used to comply with section 8.4.1.1.1 shall be no less than 0.40.

Exception: *Enclosed spaces* that have a *skylight effective aperture* of at least 1%.

8.4.1.1.3 Skylight Optical Diffusion Characteristics. *Skylights* used to comply with Section 8.4.1.1.1 shall have a glazing material or diffuser that has a measured haze value greater than 90%, tested according to ASTM D1003 or other test method approved by the *AHJ*.

Exceptions to 8.4.1.1.3:

1. *Skylights* with a measured haze value less than or equal to 90% whose combined area does not exceed 5% of the total *skylight* area.
2. *Tubular daylighting devices* having a diffuser.
3. *Skylights* designed to prevent direct sunlight from entering the occupied space below during occupied hours.
4. Skylights in transportation terminals and concourses, sports arenas, convention centers, and shopping malls.

BSR/ASHRAE/IES/USGBC Addendum x to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011

Public Review Draft

Proposed Addendum x to Standard 189.1-2011 Standard for the Design of High-Performance Green Buildings
Except Low-Rise Residential Buildings

Second Public Review (Independent Substantive Change - March 2012) (Draft Shows Proposed Changes to Current Standard)

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BSR/ASHRAE/USGBC/IES Addendum x to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011,
Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings
Second Public Review Draft (Independent Substantive Change)

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FOREWORD

The purpose of this ISC is twofold:

- *to correct a mistake made in the original proposed addendum with regards to the threshold uplight ratings (this ISC, in fact, returns these values to their 2009 levels keeping them in alignment with the Model Lighting Ordinance), and*
- *to update a reference made by this section.*

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

Addendum x ISC to 189.1-2011

Modify Table 5.3.3.2A as follows:

TABLE 5.3.3.2A Maximum Allowable Backlight, Uplight and Glare (BUG) Ratings

	LZ0	LZ1	LZ2	LZ3	LZ4
Allowed Backlight Rating					
> 2 mounting heights from property line	B1	B3	B4	B5	B5
1 to 2 mounting heights from property line	B1	B2	B3	B4	B4
0.5 to 1 mounting height to property line	B0	B1	B2	B3	B3
< 0.5 mounting height to property line	B0	B0	B0	B1	B2
Allowed Uplight Rating	U0	~~U0~~ U1	~~U1~~ U2	~~U2~~ U3	~~U3~~ U4

Modify Section 11 as follows:

Illuminating Engineering Society of North America,
120 Wall Street, Floor 17
New York, NY 1005-4001
1-212-248-5017, www.ies.org

TM-15-~~2007~~2011 including addendum "a"	Backlight, Uplight, and Glare (BUG) Ratings	5.3.3.2~~A~~

BSR/ASHRAE/IES/USGBC Addendum b to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011

Public Review Draft

Proposed Addendum b to Standard 189.1-2011 Standard for the Design of High-Performance Green Buildings

Except Low-Rise Residential Buildings

First Public Review (March 2012) (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 addresses situations in which the requirement for a three-surface entry mat system is not warranted based on limited traffic at the entrance.
The published version of the Standard requires the entry mat system at all entrances but has some allowances to shorten it for obstructions, even at major entrances. This Addendum takes away the obstruction exception since the path of travel and the mat system can bend around them. In its place, it adds exceptions for less used entrances and those that serve spaces under 3,000 ft^2 (300 m^2). The Addendum also simplifies and clarifies the requirements.

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Addendum b to 189.1-2011

Modify Section 8.3.1.5 Building Entrances as follows:

8.3.1.5 Building Entrances. All *building entrances* shall employ an entry mat system ~~that shall have~~ comprising a scraper surface, an absorption surface, and a finishing surface in that order in the direction of travel entering the building and in accordance with Sections 8.3.1.5.1, 8.3.1.5.2 and 8.3.1.5.3.. Each surface shall be at least as wide as the entrance. ~~a minimum of the width of the entry opening, and t~~ The ~~minimum~~ length ~~is~~ shall be measured in the primary direction of travel.

Exceptions:

1. Entrances to individual *dwelling units*.
2. Entrances that use a mat, with any surface that is not less than 4 feet (1.3m) in length, to provide access to spaces that are less than 3000 ft^2 (300 m^2) in area and that are not used as a pass-thru to other parts of the building. ~~Length of entry mat surfaces is allowed to be reduced due to a barrier, such as a counter, partition, or wall, or local regulations prohibiting the use of scraper surfaces outside the entry. In this case entry mat surfaces shall have a minimum length of 3 ft (1 m) of indoor surface, with a minimum combined length of 6 ft (2 m).~~
3. Doors, the purpose of which is to meet code requirements for means of egress and not entry to the building.
4. Entrances that are locked for use by limited authorized personnel.

8.3.1.5.1 Scraper Surface. The scraper surface ~~shall comply with the following~~:

a. ~~Shall be the first surface stepped on when entering the building~~.

~~b.~~ Shall be ~~either~~ immediately outside, ~~or~~ inside or spanning the entry.
~~c.~~ b. Shall be a minimum of 3 ft (1 m) long.
c. ~~Shall be either permanently mounted grates or removable mats with knobby or squeegee like projections.~~ Shall be constructed using materials that ~~can~~ scrape away snow, dirt and debris.

8.3.1.5.2 Absorption Surface. The absorption surface ~~shall comply with the following~~:
a. ~~Shall be the second surface stepped on when entering the building~~. Shall be inside.
b. Shall be a minimum of 3 ft (1 m) long
c. ~~, and~~ Shall be constructed using ~~made from~~ materials that ~~can~~ perform both a scraping action and a moisture wicking action.

8.3.1.5.3 Finishing Surface. The finishing surface ~~shall comply with the following~~:
a. ~~Shall be the third surface stepped on when entering the building~~.
~~b.~~ Shall be a minimum of 4 ft (1.2 m) long.
b. ~~, and made from~~ Shall be constructed using materials that ~~will~~ ~~both~~ capture ~~and hold any remaining~~ particles ~~or~~ and moisture.

BSR/ASHRAE/IES/USGBC Addendum c to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011

Public Review Draft

Proposed Addendum c to Standard 189.1-2011 Standard for the Design of High-Performance Green Buildings

Except Low-Rise Residential Buildings

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FOREWORD

This proposal narrows the scope of the reference to 90.1 to just those sections involved with exterior lighting.

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Addendum c WG05DA16 to 189.1-2011

Modify Section 5.3.3 Reduction of the standard as follows:

5.3.3.1 General. Exterior lighting systems shall comply with ~~Section 9~~ Sections 9.1, 9.4.1.7, 9.4.3, 9.4.4, and 9.7 of ANSI/ASHRAE/IES Standard 90.1-2010 and with Sections 5.3.3.2 and 5.3.3.3 of this standard.

BSR/ASHRAE/IES/USGBC Addendum d to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011

Public Review Draft

Proposed Addendum d to Standard 189.1-2011 Standard for the Design of High-Performance Green Buildings

Except Low-Rise Residential Buildings

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FOREWORD

This addendum clarifies the intent of this exception to relax the limitations of 150 feet and 100 feet for the case of low-impact trails. The current text fails to establish any limit as to how close the trail can be to the sensitive area. If the trail is "allowed" to be within 15ft, the trail can be located at any distance between 0 and 15. The intent is to clarify the language and relax item b and c stringency by taking reducing the restrictions down from 150ft and 100ft to only 15ft. The low impact trail must be no closer than 15ft to the sensitive areas.

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Addendum d to 189.1-2011

Modify the exception to Section 5.3.1.2 Site Hardscape as follows:

Exception to 5.3.1.2a: Development of ~~a~~ *low-impact trails* is allowed anywhere within a flood zone.

Exception to 5.3.1.2b,c: Development of ~~a~~ *low-impact trail*s shall be ~~is~~ allowed ~~within~~ not closer than 15 ft (4.5 m) from ~~of~~ a *fish and wildlife habitat conservation area* or *wetland*.

BSR/ASHRAE/IES/USGBC Addendum e to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011

Public Review Draft

Proposed Addendum e to Standard 189.1-2011 Standard for the Design of High-Performance Green Buildings

Except Low-Rise Residential Buildings

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FOREWORD

ENERGY STAR® is in the process of replacing two lighting-related specifications with a new specification (ENERGY STAR® Program Requirements for Luminaires) which will cover the same set of products (residential light fixtures) and more. This addendum modifies 189.1 to include the new specification and to update reference information for other ENERGY STAR® documents. It includes text from Addendum 'g' which has already been approved for publication.

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Addendum e to 189.1-2011

Modify section 7.4.7.3(f) as follows:

f. Lighting

1. Compact fluorescent light bulbs (CFLs): ENERGY STAR® Program Requirements for Compact Fluorescent Lamps (CFLs) ~~CFLs~~
2. ~~Residential light fixtures: ENERGY STAR Program Requirements for Residential Light Fixtures~~ Directional and non-directional residential grade luminaires and directional commercial grade luminaires: ENERGY STAR® Program Requirements for Luminaires
3. Integral LED Lamps: ENERGY STAR® ~~p~~Program Requirements for Integral LED Lamps

Modify section 11 (NORMATIVE REFERENCES) as follows:

Version 4.2~~0~~, December 2, 2008	ENERGY STAR® Program Requirements for Compact Fluorescent Lamps (CFLs) ~~CFLs~~	7.4.7.3(f)
~~Version 4.1, August 1, 2008~~	~~ENERGY STAR Program Requirements for Residential Light Fixtures~~	~~7.4.7~~
Version 1.1, July 5, 2011 (Effective Date: April 1, 2012)	ENERGY STAR® Program Requirements for Luminaires	7.4.7.3(f)
Version 1.4~~2~~, ~~August 31, 2010~~ May 13, 2011 (Effective Date: August 31,	ENERGY STAR® Program Requirements for Integral LED Lamps	7.4.7.3(f)

2010)		

BSR/ASHRAE/IES/USGBC Addendum f to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011

Public Review Draft

Proposed Addendum f to Standard 189.1-2011 Standard for the Design of High-Performance Green Buildings

Except Low-Rise Residential Buildings

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FOREWORD

This addendum updates the modeling requirements for on-site renewable energy systems in Normative Appendix D. The addendum changes the requirements for modeling both the baseline and proposed buildings.

The modeling requirements for the baseline building clarify that the baseline annual renewable energy production is based on the requirements in Section 7.4.1.1. Additionally, the energy cost reduction associated with this energy production is calculated based on the average energy rate for the baseline building. Similarly, the CO_2e reduction is based on the average CO_2e rate for the baseline building. Building projects that qualify for all items in the exception to Section 7.4.1.1 are not required to model a renewable energy system in the baseline building model.

The modeling requirements for the proposed building have been updated with detailed requirements for the calculation of the reduction in annual energy cost and CO_2e. Calculation of annual energy cost reduction due to renewable energy production is required to be done on an hourly basis. Renewable energy systems that produce thermal energy reduce the building's hourly thermal loads accordingly, but not to less than zero. If the appropriate thermal energy storage system losses are calculated, any excess generated thermal energy in a given hour is allowed to be stored for later use. Renewable energy systems that produce electrical energy reduce the building's hourly electrical loads accordingly. Any excess generated electricity in a given hour may reduce the building's annual energy cost in accordance with local utility agreements for net metering, feed-in tariff, or other mechanism that credits excess generated electricity. Buildings with no net metering, feed-in tariff, or other agreement that have excess generated electricity on a monthly basis qualify for the exception. Such buildings are allowed to reduce annual energy cost by the monthly net generation, credited at the regional monthly average wholesale electrical rate. Calculation of annual CO_2e reduction due to on-site renewable generation is done on an annual basis. Any exported electricity is subtracted from the annual CO_2e at the electrical CO_2e rate.

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Addendum f to 189.1-2011

Modify Appendix D as follows:

~~D1.1.4 Energy Rates (Section G2.4 of ANSI/ ASHRAE/IES Standard 90.1). In addition to the requirements in Section G2.4 of ANSI/ASHRAE/IES Standard 90.1, when the total modeled annual on-site renewable energy generated by the proposed design exceeds that generated by the baseline building design, the difference in the annual on-site generated renewable energy between the baseline building performance and the proposed building performance shall be~~

~~based on the energy source used as the backup energy source in the proposed design or on the use of electricity if no backup energy source has been specified.~~

(subsequent section will require renumbering)

No.	Proposed Building Performance	Baseline Building Performance
15.	***On-site Renewable Energy Systems*** The reduction in the *proposed building performance* and annual CO_2e, of the *proposed design* due to energy generated by *on-site renewable energy systems* shall be calculated as follows: **1. Annual Energy Cost** The annual energy cost of the *proposed design* with an *on-site renewable energy system* shall be calculated on an hourly basis and adjusted as follows. **a. Thermal Energy Performance Calculation** The hourly thermal loads of the *proposed design* shall be reduced by the hourly thermal energy production of the *on-site renewable energy system* (but thermal loads shall not be reduced to less than zero). When the on-site renewable thermal energy production exceeds the applicable thermal demands of the building for any hour, the excess generated energy may be used to displace thermal loads at other times, provided the system has the storage capability and storage losses are included in the calculation. The approved energy rate structure shall be applied to the reduced energy consumption. **b. Electric Energy Performance Calculation** The total electrical energy production of the *on-site renewable energy system* shall be calculated on an hourly basis and the energy cost of the proposed building performance shall be calculated by applying the approved electrical rate structure to each hour's	The *baseline building design* shall include an *on-site renewable energy system* that generates an annual amount of energy equal to that required in Section 7.4.1.1. The *on-site renewable energy system* shall reduce the annual energy cost and the annual CO_2e. **1. Annual Energy Cost** The reduction in annual energy cost of the *baseline building performance* due to on-site renewable production shall be equal to the amount of on-site renewable energy production required in Section 7.4.1.1 multiplied by the average energy rate for the *baseline building design*. The average energy rate shall be equal to the calculated total annual cost of energy to serve the baseline building divided by the total annual site energy consumption of the building not including reductions in consumption from on-site renewable energy production. **2. Annual CO_2e** The reduction in annual CO_2e of the baseline building due to on-site renewable production shall be equal to the amount of on-site renewable energy production required in Section 7.4.1.1 multiplied by the average CO_2e rate for the *baseline building design*. The average CO_2e rate shall be equal to the calculated total annual CO_2e for all types of imported energy used by the baseline building divided by the total annual site energy consumption of the building not including reductions in consumption from on-site renewable energy production. **Exception:** When the *proposed design* qualifies for the exception to 7.4.1.1, an *on-site renewable energy system* shall not be included in the *baseline building design.*

electrical usage, including any reduction from hourly electrical energy production of the *on-site renewable energy system*.

Exception: For *building projects* with no net metering agreement, feed-in tariff, or other electrical rate structure for net generated electricity, the cost of imported electricity from the grid is calculated by applying the approved electrical rate structure to each hour's electrical loads minus the hourly electrical energy production of the *on-site renewable energy system*, but the cost of imported electricity shall not be less than zero on a monthly basis. Electricity production of the *on-site renewable energy system* which has a retail value in excess of the retail cost of electricity consumption on a monthly basis shall be credited as a reduction in energy costs to the *building performance* at the wholesale rate as follows.

$$\text{Credit} = \frac{(\text{ExRR} - \text{ImRR})}{\text{ExRR}} \times \text{ExkWh xWR}$$

where,

Credit = cost reduction credit for month where retail value of exported electricity is greater than retail value of imported electricity

ExRR = month's value of exported electricity at retail rate

ImRR = month's value of imported electricity at retail rate

ExkWh = total kWh exported in month

WR = average monthly wholesale rate for the region where the building located

2. **Annual *CO_2e*** The annual CO_2e of the proposed building that includes an *on-site renewable energy system* shall be equal to the annual CO_2e of the imported energy to serve the proposed building (with reduced loads due to the *on-site renewable energy system*) minus the annual exported electricity produced by the *on-site renewable energy system* multiplied by the electrical CO_2e emission factor.

Documentation: The documentation required in paragraphs (a), (b), and (e) of Section G2.5 in ASHRAE/ANSI/IES Standard 90.1 shall be made available to the *AHJ* upon request for all *on-site*

~~The *baseline building design* shall have an *on-site renewable energy system* that complies with the annual energy production specified in Section 7. This annual energy production shall be subtracted from the *baseline building performance*. No exceptions shall apply.~~

renewable energy systems in the *proposed design*. ~~1. Purchase of off-site renewable energy shall not be modeled in the *proposed design*.~~ ~~2. The annual energy production of any *on-site renewable energy systems* in the *proposed design* shall be subtracted from the *proposed building performance*.~~	

NSF/ANSI Standard
for Wastewater Treatment Systems —

Residential wastewater treatment systems

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-
-

8.2 Testing and evaluation conditions, hydraulic loading, and schedules

8.2.1 Influent wastewater characteristics

The 30-d average BOD_5 concentration of the wastewater delivered to the system shall be between 100 mg/L and 300 mg/L.

The 30-d average TSS concentration of the wastewater delivered to the system shall be between 100 mg/L and 350 mg/L.

The average wastewater alkalinity of the wastewater delivered to the system over the course of the testing shall be greater than 175 mg/L as $CaCO_3$ (alkalinity may be adjusted if inadequate). Unless requested by the manufacturer, the raw influent shall be supplemented with sodium bicarbonate if the wastewater is found to be deficient in alkalinity.

8.2.2 Hydraulic loading and schedules

The performance of the system shall be evaluated for 26 consecutive wk. During the testing and evaluation period, the system shall be subjected to 16 wk of design loading, followed by 7.5 wk (52 days) of stress loading, and then an additional 2.5 wk (18 days) of design loading.

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4.2 Prerequisites

Each category has one or more prerequisites that are required, as the minimum performance against the Standard. Users shall meet all prerequisites in each category in order to proceed. Once all prerequisites are met, users may achieve additional credit points toward multiple levels of achievement in each category by meeting specified performance requirements. Prerequisites include:

- For Public Health and Environment:
  - 6.2.1 Feedstock inventory documentation;
  - 6.2.2 Input PBT chemicals and other chemicals of concern;
  - 6.3.1 PBDE flame retardants; and
  - 6.3.2 Minimization of indoor air VOC emissions (prerequisite for Gold and Platinum).

- For Energy and Energy Efficiency:
  - 7.2.1 Inventory of electrical and thermal energy.

- For Bio-Based Content, Recycled Content, and environmentally preferable (EPP) Materials:
  - 8.2 Materials content inventory; and
  - 8.2.1 Bio-based content, recycled content, and environmentally preferable (EPP) materials (prerequisite for platinum-10% post-consumer recycled content).

- For Manufacturing:
  - 9.2.1 Policy, EMS, and publicly available targets;
  - 9.2.2 Manufacturer's social indicator reporting;
  - 9.3 Performance durability; and
  - 9.4 LCA for product platform undergoing assessment (prerequisite for Platinum).

- For Reclamation and End of Life Management:
  - 10.2.1 Operational reclamation program;
  - 10.2.2 Extended product life ~~(prerequisite for Platinum)~~; and
  - 10.2.3 Product reclamation (10% reclamation and recycling is a prerequisite for Platinum).

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10.2.1 Operational reclamation program (prerequisite)

A manufacturer shall recieve one point for describing where operational reclamation opportunities exist for the manufacturer's product being assessed. This means that the product is recyclable pursuant to the FTC Guides (16 CFR 260.7(d)).

10.2.2 Prerequisite Extended product life ~~(prerequisite for platinum)~~

Customer adherence to recommended installation, cleaning, and other maintenance procedures directly affects the service life of a carpet product. Manufacturers influence customer adherence through the direct provision of the recommended installation and maintenance procedures for a carpet product. These procedures may be manufacturer-specific or may refer to existing available industry procedures.

A manufacturer shall receive one point for carpet installed using CRI 104 and/or manufacturers' recommended procedures. In addition, carpet manufacturers and dealers shall recommend to the customer in writing that CRI Carpet Maintenance Guidelines and/or recommended manufacturer maintenance procedures be followed.

10.2.3 Product reclamation

A manufacturer shall document a reclamation rate of at least 1% or 40,000 lbs (whichever is smaller) using the rate formulation outlined below. The manufacturer shall document product reclamation rate and shall be awarded points as outlined in Table 10.1. Reclamation rate shall be calculated as follows:

$$\text{Reclamation Rate} = \frac{\text{lbs of all product reclaimed (annually)}}{\text{lbs of annual production of product being certified}}$$

A maximum of 17 points shall be awarded for demonstrating compliance with this section.

Table 10.1 – Points awarded for product reclamation

Product reclamation percentages	Points awarded
≥ 2%	1
≥ 4%	2
≥ 6%	3
≥ 8%	4
≥ 10%*	5
≥ 11%	6
≥ 15%	7
≥ 20%	8
≥ 25%	9
≥ 30%	10
≥ 35%	11
≥ 40%	12
≥ 45%	13
≥ 50%	14
≥ 60%	15
≥ 70%	16
≥ 80%	17
NOTE – At the time of publication, 10% reclamation and recycling is a prerequisite for Platinum, consistent with CARE goals. Check the CARE website for subsequent years' goals.	

Reason: Section 10.2.3 is shown for reference only. Section 10.2.3 is under separate ballot regarding the CARE Goals (140i18).

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Table 12 – Sustainability assessment for carpet matrix
(Prerequisites in bold)

Public health and environment (PHE) 30 points	**Energy and energy efficiency (EN) 20 points**	**Bio-based content, recycled content, and EPP materials (MATLS) 22 points**	**Manufacturing (MFG) 17 points**	**Reclamation and End of life management (EOL) 25 points**
6.2.1: Feedstock inventory documentation [1 pt] **6.2.2: Input PBT chemicals and other chemicals of concern [1 pt]** **6.3.1: PBDE Flame retardants [1 pt]** **6.3.2: Minimization of indoor VOC emissions [1 pt] (prerequisite for gold and for platinum)** **6.3.3.1:** Inventory of air, water, and waste (media) pollutants [4 pts] **6.3.3.2**: Output PBT emissions and emissions from other chemicals of concern [1 pt] **6.3.3.3.1:** Voluntary pollutant reductions beyond compliance beyond compliance, 1986-1999 –OR– **6.3.3.3.2:** Pollutant and toxic chemical reductions through LCA, 1986-1999 [8 pts for	**7.2.1: Inventory of electrical and thermal energy [1 pt]** **7.2.2:** Manufacturer's use of renewable energy and/or energy reduction [12 pts] **7.2.3:** Suppliers' use of renewable energy [6 pts] **7.2.4:** Greenhouse gas emissions inventory [1 pt]	**8.2: Materials content inventory [2 pts]** **8.2.1**: Bio-based content, recycled content, and EPP materials [20 pts] **8.2.1: 10% post-consumer recycled content (prerequisite for platinum)**	**9.2.1: Policy, EMS, and publicly available targets [1 pt]** **9.2.2: Manufacturer's social indicator reporting [1 pt]** **9.3**: **Performance durability [1 pt]** **9.4: LCA for product platform undergoing assessment [3 pts] (prerequisite for platinum)** **9.5**: EMS Certification [2 pts] **9.6:** Suppliers' social indicator reporting [1 pt] **9.7.1** Documented QMS [1 pt] **9.7.2** ISO 9001 QMS certification [1 pt] **9.8** DfE and/or LCA process [3 pts] **9.9.1** Documented and operational waste minimization or waste reduction program	**10.2.1: Operational reclamation program [1 pt]** **10.2.2: Extended product life [1 pt] ~~(prerequisite for platinum)~~** **10.2.3: Product reclamation [17 pts] (At time of publication, 10% reclamation and recycling is a prerequisite for Platinum, consistent with CARE goals. Check CARE website for subsequent years' goals.)** **10.3**: Transparent secondary materials reclamation system

Public health and environment (PHE) 30 points	**Energy and energy efficiency (EN) 20 points**	**Bio-based content, recycled content, and EPP materials (MATLS) 22 points**	**Manufacturing (MFG) 17 points**	**Reclamation and End of life management (EOL) 25 points**
either/or] **6.3.3.4**: Reduction of specified life cycle impact categories (for the years 2000-present) [8 pts] **6.3.4**: Minimization of indoor air carcinogenic VOC emissions [1 pt] **6.3.5.1**: Minimization of indoor formaldehyde emissions [1pt] **6.3.5.2.1**: Supplier's material and process inputs present at 1% [1 pt] **6.3.5.2.2:** PBTs released as process outputs [1 pt] **6.3.5.3.3:** PBTs used in materials or process inputs [1 pt]			[1 pt] **9.9.2** Waste minimization –OR– **9.9.3** Waste reduction [2 pts for either/or]	[2 pts] **10.4**: Transparent materials reclamation system [2 pts] **10.5**: Transparent repurposed materials reclamation system [2 pts]

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Sustainability Assessment for Carpet

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6.3.3.1 Inventory of air, water and waste (media) pollutants

A manufacturer shall receive four points for reporting year 2000 process outflow data (emissions) for compliant products or product lines using ~~for~~ the following TRACI (Tool for thes Reduction and Assessment of Chemical and other environmental Impacts)~~USEPA~~ life cycle impact assessment methods:~~environmental impact categories (LCI data) listed below in the BEES Please User Questionnaire:~~

- ~~uilding products and other co-products;~~
- ~~human and ecological health outflows (air and water);~~
- ~~pollutant Flows (flue gas and wastewater);~~
- ~~total solid waste;~~
- ~~recovered matter;~~
- Global Warming Potential~~greenhouse gases~~;
- A~~a~~cidification Potential ~~gases~~;
- Critical Air Pollutants~~other air emissions~~;
  Fossil Fuel Depletion;
  Habitat Alteration;
  Human Health;
- O~~o~~zone depletion;
- S~~s~~mog ~~/ Maximum Incremental Reactivity (MIR) index~~;
  Ecological Toxicity;
- E~~e~~utrophication Potential; and
- ~~other w~~Water Intake ~~effluents~~.

As the TRACI methodology is periodically up-dated, applicants should consider using the most accurate life cycle calculations.

NOTE - An LCA may use other well-recognized ISO 14044~~2~~ compliant methods for impact assessment when TRACI is not appropriate.

~~Below are the web addresses for the BEES Please website, user questionnaire, and user guide:~~

~~http://www.bfrl.nist.gov/oae/software/bees/please/bees_please.html~~
~~http://www.bfrl.nist.gov/oae/software/bees/please/BEES_Please_Questionnaire.xls~~
~~http://www.bfrl.nist.gov/oae/software/bees/please/BEES_Please_Questionnaire_User_Guide.doc~~

Reason: This was suggested at the 2011 Joint Committee meeting as the links are not active. Additional changes were based on comments from revision 1 that the reference to BEES should be eliminated.

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6.3.3.4 Reduction of specified life cycle impact categories (for the years 2000-present)

A manufacturer may achieve an average reduction in at least six of the environmental life cycle impact categories identified in Table 6.3.

Quantification of the impacts shall be determined according to the methodology from the USEPA's Tool for the Reduction and Assessment of Chemical and Other Environmental Impacts (TRACI). TRACI's impact categories and an example of the characterization factors can be found in Table 6.3. As the TRACI methodology is periodically updated, applicants should consider using the most recent version of this impact assessment methodology in order to ensure the most accurate life cycle calculations.

NOTE – LCA may use other well-recognized ISO 14042 compliant methods for impact assessment when TRACI is not appropriate.

To earn points under this section, a manufacturer shall compare an LCA of their product platform undergoing assessment to their baseline year which shall be no older than year 2000 ~~baseline and a present LCA (based on the inventories generated under 6.3.3)~~ or a recognized and approved industry baseline LCA for carpet, using Table 6.3's life-cycle impact categories~~LCI classifications~~. Points shall be awarded in accordance with Table 6.4. Of these categories, global warming shall be included as one of the six impact categories at each range indicated in Table 6.4 before additional points shall be awarded.

Reason: This addresses the time frame for this section as in issue paper 2009-9.

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6.3.5.2.2 PBTs released as process outputs

A manufacturer shall receive one point for obtaining documentation from first tier suppliers (one step upstream) of the ~~life cycle~~ manufacturing facility ~~boundaries~~ (see Annex B, Figure B1) demonstrating that PBT chemicals and other chemicals of concern are not released as process outputs (emissions) at the point of manufacture at or above CERCLA reportable quantity (RQ) reporting thresholds. The manufacturer shall document that first tier suppliers ~~within the manufacturing boundaries~~ do not have PBT emissions at or above the reporting thresholds described in Annex B. This shall apply to the incoming raw materials that result in 1% or greater of the final product.

6.3.5.2.3 PBTs used in materials or process inputs

A manufacturer shall receive one point for obtaining documentation from first tier suppliers (one step upstream) of the ~~life cycle~~ manufacturing facility ~~boundaries~~) (see Annex B, Figure B1) ~~that demonstrates~~ that PBT chemicals and other chemicals of concern are not used in supply chain materials and that process inputs are below TRI reporting thresholds.~~, and documenting that suppliers' P[BT emissions are below reporting thresholds as described in Annex B.~~ This shall apply to the incoming raw materials that result in 1% or greater of the final product.

Reason: This addresses the issue paper 2011-2 regarding which suppliers to gather information from for these sections.

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PROPOSALS FOR ANSI/UL 778

1. Addition of Requirements for Elevator Hoistway Sump Pumps

PROPOSAL

13.12.1 Submersible pumps intended for use in elevator hoistway sumps shall be provided with a supply cord of type ~~SEOW, SEOOW, SOW, SOOW, STOW, STOOW~~ SJEOW, SJEOOW, SJOW, SJOOW, SJTOW, SJTOOW or equivalent oil-resistant hard-usage type. The length shall not exceed 6 ft.

2. The Use of Temperature Limits Instead of Temperature Rises for the Temperature Test in Section 35

PROPOSAL

Table 35.1

Temperature ~~limit~~ limits

Materials and components	℃	(℉)
A. MOTORS		

Note from the STP Project Manager: The revision of Table 35.1 shown in this item is the only proposed revision of the table.

BSR/UL 1072

9.2 A compact-stranded conductor shall be a round conductor consisting of a central core wire (one or more strands) surrounded by one or more layers of helically laid (strands). A compact-stranded copper conductor shall consist of uncoated strands. ~~A c~~Compact-stranded aluminum conductor ~~shall have all layers with the same direction of lay (unidirectional). A~~and compact-stranded copper conductor shall ~~be unidirectional~~ have all layers with the same direction of lay (unidirectional) or shall have the direction of lay reversed in adjacent layers (concentric-lay-stranded) ~~and with e~~. Each layer shall be rolled, drawn, or otherwise compressively formed to change the originally round strands to various close-fitting shapes that achieve almost complete filling of the spaces originally present between the strands. Each compacted layer - including the outermost layer - shall have a smooth, round outer surface. The length of lay of the strands in the outer layer of a 1 AWG - 1000 kcmil conductor shall be 8 - 16 times the overall diameter of that layer. The length of lay of the strands in the outer layer of an 8 - 2 AWG conductor shall be 8.0 - 17.5 times the overall diameter of that layer. A compact-stranded conductor shall not be segmented.

BSR/UL 1277

11.4.2 A shield shall consist of one of the following:

a) A polyester and metal laminated shield tape with or without a bare copper drain wire in electrical contact with the metal part of the tape. The drain wire shall be metal-coated if the tape metal is aluminum; otherwise, the drain wire may be metal-coated or uncoated. The drain wire may be under or over the tape.

b) A wrap or braid of metal-coated or uncoated copper or copper-alloy wires. A wrap that serves as a shield and also complies with Grounding Conductors, Section 8 is acceptable as a grounding conductor. A braid is not acceptable (wires too small) as a grounding conductor.

c) A metal-coated or uncoated copper or copper-alloy tape.

d) An evaluated equivalent of any of the above.