ANSI STANDARDS ACTION

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American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

ISSN 0038-9633

Comment Deadline: October 13, 2013

NSF (NSF International)

Revision

BSR/BIFMA e3 (i15r1)-201x, Furniture Sustainability (revision of ANSI/BIFMA e3-2012e)

This Standard provides a pathway towards sustainability by establishing measurable criteria for multiple levels of achievement and/or performance. This Standard is applicable to all business and institutional furniture; this includes but is not limited to moveable walls, systems furniture, desking systems, casegoods, tables, seating, and accessories. The Standard is also applicable to materials and components manufactured by suppliers to furniture manufacturers.

Click here to view these changes in full

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

NSF (NSF International)

Revision

BSR/BIFMA e3 (i16r1)-201x, Furniture Sustainability (revision of ANSI/BIFMA e3-2012e)

This Standard provides a pathway towards sustainability by establishing measurable criteria for multiple levels of achievement and/or performance. This Standard is applicable to all business and institutional furniture; this includes but is not limited to moveable walls, systems furniture, desking systems, casegoods, tables, seating, and accessories. The Standard is also applicable to materials and components manufactured by suppliers to furniture manufacturers.

Click here to view these changes in full

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

RESNET (Residential Energy Services Network, Inc.)

New Standard

BSR/RESNET 301 FDS-2-201x, Standard for the Calculation and Labeling of the Energy Performance of Low-Rise Residential Buildings using the HERS Index (new standard)

For residential buildings, the proposed standard will identify the metrics, tolerances, procedures, calculations and the required documentation to: (1) Calculate the standard energy use of a home, (2) Determine the HERS Index score of a home, (3) Define the minimum rated features of a home, (4) Calculate the retrofit savings for existing homes, (5) Calculate the cost effectiveness of energy improvements to a home, and (6) Label the certified energy performance of a home.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: RESNET's online comment form. See http://www1.resnet.us/comments/documents/301-2013/.

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 514C-201x, Standard for Safety for Nonmetallic Outlet Boxes, Flush-Device Boxes, and Covers (revision of ANSI/UL 514C-2011b)

(1) Clarification of the use of nonmetallic material in the ground path, (2) Revision to the minimum RTI requirement for box extenders, (3) Correction of UL 514B clause reference regarding nonmetallic cable clamps, (4) Clarification of the requirements to evaluate the combination of receptacle and cover as an assembly, and (5) Clarification of the cross-sectional area of conduit bodies.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Susan Malohn, (847) 664-1725, Susan.P.Malohn@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 842-201x, Standard for Safety for Valves for Flammable Fluids (revision of ANSI/UL 842-2011)

These proposals include the addition of requirements for protective coatings.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Marcia Kawate, (408) 754-6743, Marcia.M.Kawate@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1008-201x, Standard for Safety for Transfer Switch Equipment (revision of ANSI/UL 1008-2012)

The following revisions to UL 1008 are being proposed: (a) Correction of an error in Table 35.1, and (b) Changes to the closing test procedure specified in paragraphs 39.18, 39.39, 39.20, and 42.4.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1647-201x, Standard for Safety for Motor-Operated Massage and Exercise Machines (revision of ANSI/UL 1647-2012a)

(2) Proposed revision of instruction requirements to add warning instructions specific to massagers with moving parts.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Beth Northcott, (847) 664-3198, Elizabeth.Northcott@ul.com

Comment Deadline: October 28, 2013

AARST (American Association of Radon Scientists and Technologists)

New Standard

BSR/AARST MAH-201x, Protocol for Conducting Radon and Radon Decay Product Measurements in Homes (new standard)

This standard specifies procedures, minimum requirements, and general guidance for measuring radon concentrations in single-family residences comprised of three or fewer attached dwellings. The protocols included in this standard of practice apply to testing structures whether conducted for real-estate or non-real-estate purposes. The purpose of test protocols is to achieve, to the extent possible, reliable and repeatable radon measurements. Radon measurements are conducted to determine if radon mitigation is necessary in order to protect current and future occupants.

Single copy price: $TBD

Obtain an electronic copy from: www.radonstandards.us

Order from: Gary Hodgden, (913) 780-2000, standards@aarst.org

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

AARST (American Association of Radon Scientists and Technologists)

New Standard

BSR/AARST MALB-201x, Protocol for Conducting Radon and Radon Decay Product Measurements in Schools and Large Buildings (new standard)

This standard specifies procedures, minimum requirements and general guidance for measurement of radon and radon decay product concentrations in schools and large buildings. This document includes: (1) Introduction to radon, (2) Introductory guidance for building managers, (3) Protocol for conducting radon and radon decay product measurements in schools and large buildings. Specific testing protocols include instructions on where to test, strategies for conducting reliable tests, reporting, and associated quality control measures.

Single copy price: $TBD

Obtain an electronic copy from: www.radonstandards.us

Order from: Gary Hodgden, (913) 780-2000, standards@aarst.org

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

AARST (American Association of Radon Scientists and Technologists)

New Standard

BSR/AARST RMS-MF-201x, Radon Mitigation Standards for Multifamily Buildings (new standard)

This standard specifies practices, minimum requirements and general guidance for mitigation of radon in existing multifamily buildings including both low-rise and high-rise multifamily buildings. The techniques addressed in this standard provide whole building consideration yet also apply to portions of a multifamily building or individual dwellings.

Single copy price: $TBD

Obtain an electronic copy from: www.radonstandards.us

Order from: Gary Hodgden, (913) 780-2000, standards@aarst.org

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

AARST (American Association of Radon Scientists and Technologists)

New Standard

BSR/AARST RMS-LB-201x, Radon Mitigation Standards for Schools and Large Buildings (new standard)

This standard specifies practices, minimum requirements and general guidance for mitigation of radon in existing schools and large buildings including both low-rise and high-rise schools and large buildings. The techniques addressed in this standard provide whole building consideration yet also apply when implemented to portions of a building or individual occupied spaces.

Single copy price: $TBD

Obtain an electronic copy from: www.radonstandards.us

Order from: Gary Hodgden, (913) 780-2000, standards@aarst.org

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

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

New Standard

BSR/AHRI Standard 1360 (I-P)-201x, Performance Rating of Computer and Data Processing Room Air Conditioners (new standard)

This standard applies to floor mounted Computer and Data Processing Room Air Conditioners (CDPR) which have three types: up-flow air discharge, down-flow air discharge and horizontal free air discharge, as illustrated in Figure 1.

Single copy price: Free

Order from: Daniel Abbate, (703) 600-0327, dabbate@ahrinet.org

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

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

New Standard

BSR/AHRI Standard 1361 (SI)-201x, Performance Rating of Computer and Data Processing Room Air Conditioners (new standard)

This standard applies to floor mounted Computer and Data Processing Room Air Conditioners (CDPR) which have three types: up-flow air discharge, down-flow air discharge and horizontal free air discharge, as illustrated in Figure 1.

Single copy price: Free

Order from: Daniel Abbate, (703) 600-0327, dabbate@ahrinet.org

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

ASABE (American Society of Agricultural and Biological Engineers)

Revision

BSR/ASAE S448.2-MONYEAR, Thin-Layer Drying of Agricultural Crops (revision and redesignation of ANSI/ASAE S448.1-JUL01 (R2013))

Provides a unified procedure for determining and presenting the drying characteristics of grains and crops. The drying data determined and presented according to this Standard can be used in characterizing the drying rate of a product, product drying computer simulation, performance testing of drying equipment, and product quality evaluations. This Standard applies specifically to grains and crops that are dried by forced air convection in a thin layer.

Single copy price: $55.00

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

ASTM (ASTM International)

New Standard

BSR/ASTM WK30656-201x, Test Method for Determining the Fire Performance of Building Perimeter Containment Systems Due to External Spread of Fire (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: kwilson@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)

New Standard

BSR/ASTM WK40420-201x, Test Method for Mechanical Static Load Testing of Non-Structural Marine Joiner Bulkheads (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM E800-2007 (R201x), Guide for Measurement of Gases Present or Generated During Fires (reaffirmation of ANSI/ASTM E800-2007)

http://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F906-1985 (R201x), Specification for Letters and Numerals for Ships (reaffirmation of ANSI/ASTM F906-1985 (R2008))

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F940-2000 (R201x), Practice for Quality Control Receipt Inspection Procedures for Protective Coatings (Paint), Used in Marine Construction and Shipbuilding (reaffirmation of ANSI/ASTM F940-2000 (R2009))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F941-2000 (R201x), Practice for Inspection of Marine Surface Preparation and Coating Application (reaffirmation of ANSI/ASTM F941 -2000 (R2009))

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1005-1997 (R201x), Practice for HVAC Duct Shapes; Identification and Description of Design Configuration (reaffirmation of ANSI/ASTM F1005-1997 (R2007))

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1007-1997 (R201x), Specification for Pipeline Expansion Joints of the Packed Slip Type for Marine Application (reaffirmation of ANSI/ASTM F1007-1997 (R2007))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1138-1998 (R201x), Specification for Spray Shields for Mechanical Joints (reaffirmation of ANSI/ASTM F1138-1998 (R2007))

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1166-2007 (R201x), Practice for Human Engineering Design for Marine Systems, Equipment, and Facilities (reaffirmation of ANSI/ASTM F1166-2007)

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1179-1997 (R201x), Practice for Inspection Procedure for Use of Anaerobic Thread Locking Compounds with Studs (reaffirmation of ANSI/ASTM F1179-1997 (R2007))

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1182-2007 (R201x), Specification for Anodes, Sacrificial Zinc Alloy (reaffirmation of ANSI/ASTM F1182-2007)

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Reaffirmation

BSR/ASTM F1270-1997 (R201x), Practice for Preparing and Locating Emergency Muster Lists (reaffirmation of ANSI/ASTM F1270-1997 (R2007))

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1273-1997 (R201x), Specification for Tank Vest Flame Arresters (reaffirmation of ANSI/ASTM F1273-1997 (R2007))

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Reaffirmation

BSR/ASTM F1312-90 (R201x), Specification for Brick, Insulating, High Temperature, Fire Clay (reaffirmation of ANSI/ASTM F1312-90 (R2007))

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BSR/ASTM F1333-1997 (R201x), Specification for Construction of Fire and Foam Station Cabinets (reaffirmation of ANSI/ASTM F1333-1997 (R2007))

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Reaffirmation

BSR/ASTM F1338-1997 (R201x), Guide for Main Propulsion Medium Speed Marine Diesel Engines Covering Performance and Minimum Scope of Assembly (reaffirmation of ANSI/ASTM F1338-1997 (R2007))

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Reaffirmation

BSR/ASTM F1348-1997 (R201x), Specification for Pneumatic Rotary Descaling Machines (reaffirmation of ANSI/ASTM F1348/F1348M-1997 (R2007))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1476-2007 (R201x), Specification for Performance of Gasketed Mechanical Couplings for Use in Piping Applications (reaffirmation of ANSI/ASTM F1476-2007)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1510-2007 (R201x), Specification for Rotary Positive Displacement Pumps for Ships Use (reaffirmation of ANSI/ASTM F1510 -2007)

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1808-2003 (R201x), Guide for Weight Control Technical Requirements for Surface Ships (reaffirmation of ANSI/ASTM F1808-2003 (R2008))

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F1836M-2009 (R201x), Specification for Stuffing Tubes, Nylon, and Packing Assemblies (Metric) (reaffirmation of ANSI/ASTM F1836M -2009)

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Reaffirmation

BSR/ASTM F2044-2005 (R201x), Specification for Liquid Level Indicating Equipment, Electrical (reaffirmation of ANSI/ASTM F2044-2005 (R2009))

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM F2361-2009 (R201x), Guide for Ordering Low Voltage (1000 VAC or Less) Alternating Current Electric Motors for Shipboard Service - Up to and Including Motors of 500 Horsepower (reaffirmation of ANSI/ASTM F2361-2009)

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Reaffirmation

BSR/ASTM F2362-2009 (R201x), Specification for Temperature Monitoring Equipment (reaffirmation of ANSI/ASTM F2362-2009)

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ASTM (ASTM International)

Revision

BSR/ASTM C651-201x, Test Method for Flexural Strength of Manufactured Carbon and Graphite Articles Using Four-Point Loading at Room Temperature (revision of ANSI/ASTM C651-2011)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM C749-201x, Test Method for Tensile Stress-Strain of Carbon and Graphite (revision of ANSI/ASTM C749-2008 (R2010))

http://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)

Revision

BSR/ASTM D1322-201x, Test Method for Smoke Point of Kerosine and Aviation Turbine Fuel (revision of ANSI/ASTM D1322-2012)

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ASTM (ASTM International)

Revision

BSR/ASTM D3679-201x, Specification for Rigid Poly(Vinyl Chloride) (PVC) Siding (revision of ANSI/ASTM D3679-2011)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM D3841-201x, Specification for Glass-Fiber-Reinforced Polyester Plastic Panels (revision of ANSI/ASTM D3841-2001 (R2008))

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ASTM (ASTM International)

Revision

BSR/ASTM D4726-201x, Specification for Rigid Poly(Vinyl Chloride) (PVC) Exterior-Profile Extrusions Used for Assembled Windows and Doors (revision of ANSI/ASTM D4726-2009)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM D4756-201x, Practice for Installation of Rigid Poly(Vinyl Chloride) (PVC) Siding and Soffit (revision of ANSI/ASTM D4756-2006)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM D6299-201x, Practice for Applying Statistical Quality Assurance and Control Charting Techniques to Evaluate Analytical Measurement System Performance (revision of ANSI/ASTM D6299-2009)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM E176-201x, Terminology of Fire Standards (revision of ANSI/ASTM E176-2013)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM E814-201x, Test Method for Fire Tests of Penetration Firestop Systems (revision of ANSI/ASTM E814-2011a)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM E1321-201x, Test Method for Determining Material Ignition and Flame Spread Properties (revision of ANSI/ASTM E1321-2009)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM E1679-201x, Practice for Setting the Requirements for the Serviceability of a Building or Building-Related Facility (revision of ANSI/ASTM E1679-1995 (R2012))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM E2058-201x, Test Methods for Measurement of Synthetic Polymer Material Flammability Using a Fire Propagation Apparatus (FPA) (revision of ANSI/ASTM E2058-2013)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM E2280-201x, Guide for Fire Hazard Assessment of the Effect of Upholstered Seating Furniture Within Patient Rooms of Health Care Facilities (revision of ANSI/ASTM E2280-2009)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: kwilson@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)

Revision

BSR/ASTM E2336-201x, Test Methods for Fire Resistive Grease Duct Enclosure Systems (revision of ANSI/ASTM E2336-2004 (R2013))

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: kwilson@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)

Revision

BSR/ASTM E2536-201x, Guide for Assessment of Measurement Uncertainty in Fire Tests (revision of ANSI/ASTM E2536-2009)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: kwilson@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)

Revision

BSR/ASTM F1321-201x, Guide for Conducting a Stability Test (Lightweight Survey and Inclining Experiment) to Determine the Light Ship Displacement and Centers of Gravity of a Vessel (revision of ANSI/ASTM F1321-1997 (R2004))

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: kwilson@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)

Revision

BSR/ASTM F1495-201x, Specification for Combination Oven Electric or Gas Fired (revision of ANSI/ASTM F1495-2005)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: kwilson@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)

Revision

BSR/ASTM F1511-201x, Specification for Mechanical Seals for Shipboard Pump Applications (revision of ANSI/ASTM F1511-2011)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: kwilson@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)

Revision

BSR/ASTM F2168-201x, Specification for Packing Material, Graphitic, Corrugated Ribbon or Textured Tape, and Die-Formed Ring (revision of ANSI/ASTM F2168-2002 (R2008))

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: kwilson@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)

Revision

BSR/ASTM F2191-201x, Specification for Packing Material, Graphitic or Carbon Braided Yarn (revision of ANSI/ASTM F2191-2002 (R2008))

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: kwilson@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)

Withdrawal

ANSI/ASTM E1334-1995 (R2012), Practice for Rating the Serviceability of a Building or Building-Related Facility (withdrawal of ANSI/ASTM E1334-1995 (R2012))

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: kwilson@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)

Withdrawal

ANSI/ASTM F991M-2012, Specification for Docking/Drain Plug and Boss Assemblies (Metric) (withdrawal of ANSI/ASTM F991M-2012)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: kwilson@astm.org

Order from: accreditation@astm.org

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

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

BSR ATIS 0300097-201x, Structure for the Identification of Telecommunications Connections for Information Exchange (revision of ANSI ATIS 0300097-2008)

This standard provides the code and format structures necessary for identification of telecommunications connections and describes the code structure with various combinations of data units represented within those structures. This standard contains clauses that cover its purpose and scope, described format structures and data elements for message trunks and message trunks groups, special services circuits and facilities. It also contains definitions and references. Its intended use is to provide a standard that facilities information exchange among human and machines.

Single copy price: $110.00

Obtain an electronic copy from: kconn@atis.org

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

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

IESNA (Illuminating Engineering Society of North America)

Revision

BSR/IESNA RP-3-201x, Recommended Practice on Lighting for Educational Facilities (revision of ANSI/IESNA RP-3-2000 (R2006))

Lighting is a critical element in the school environment. Lighting can influence behavior, satisfaction, psychological responses to a space and task performance, communication and interest, visual comfort and safety and security, while defining space and architecture.

Single copy price: $75.00

Obtain an electronic copy from: Pmcgillicuddy@ies.org

Order from: Patricia McGillicuddy, (212) 248-5000, ext 123, pmcgillicuddy@ies.org

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

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

Stabilized Maintenance

BSR INCITS 338-2003 (S201x), Information Technology - High-Performance Parallel Interface - 6400 Mbit/s Optical Specifications (HIPPI-6400-OPT) (stabilized maintenance of ANSI INCITS 338-2003 (R2008))

This American National Standard specifies a media-level, point-to-point, 12-channel, full-duplex, electrical/optical interface, with each channel operating at 500 Mbit/s or 1 Gbit/s. Multimode (MM) fiber cables, and single-mode (SM) fiber cables, are used for distances up to 1 km when carrying the HIPPI -6400-PH protocol. Differential signals are used on the electrical side.

Single copy price: $30.00

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

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

Send comments (with copy to psa@ansi.org) to: Rachel Porter, (202) 626 -5741, comments@itic.org

NECA (National Electrical Contractors Association)

Revision

BSR/NECA 411-201X, Standard for Installing and Maintaining Uninterruptible Power Supplies (UPS) (revision of ANSI/NECA 411-2006)

This standard describes installation and maintenance procedures for permanently installed, static, three-phase Uninterruptible Power Supplies (UPS) rated 30 kVA or more, and rates 600 Volts or less, and related battery systems installed indoors and outdoors for commercial, institutional and industrial applications. UPS described in this standard are solid-state power systems that provide continuous regulated AC power at the output terminals, while operating from either an AC power source or from a battery system.

Single copy price: $40.00

Obtain an electronic copy from: neis@necanet.org

Order from: Diana Brioso, (301) 215-4549, diana.brioso@necanet.org; neis@necanet.org

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

NEMA (ASC C8) (National Electrical Manufacturers Association)

Revision

BSR/ICEA S-112-718-201x, Standard for Optical Fiber Cable for Placement in Sewer Environments (revision of ANSI/ICEA S-112-718-2008)

Optical fiber cable suitable for placement in sewers; baseline Standard. Performance-based requirements.

Single copy price: $210.00

Obtain an electronic copy from: http://workspaces.nema.org/ansi/stds/Shared%20Documents/C8/S-112-718-2013/(A)%20ANSI%20Forms%20and%20Information%20to%20ANSI/S-112-718-2014_final%20f%20ANSI_27Aug13.docx

Order from: Ryan Franks, (703) 841-3271, ryan.franks@nema.org

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

NSF (NSF International)

Revision

BSR/BIFMA e3 (i17r1)-201x, Furniture Sustainability (revision of ANSI/BIFMA e3-2012e)

This Standard is applicable to all business and institutional furniture; this includes but is not limited to moveable walls, systems furniture, desking systems, casegoods, tables, seating, and accessories. The Standard is also applicable to materials and components manufactured by suppliers to furniture manufacturers.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/document.php?document_id=21393&wg_abbrev=bifma_e3

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

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

NSF (NSF International)

Revision

BSR/BIFMA e3 (i18r1)-201x, Furniture Sustainability (revision of ANSI/BIFMA e3-2012e)

http://standards.nsf.org/apps/group_public/document.php?document_id=21393&wg_abbrev=bifma_e3

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/document.php?document_id=21414&wg_abbrev=bifma_e3

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

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

NSF (NSF International)

Revision

BSR/BIFMA e3 (i19r1)-201x, Furniture Sustainability (revision of ANSI/BIFMA e3-2012e)

This Standard is applicable to all business and institutional furniture; this includes but is not limited to moveable walls, systems furniture, desking systems, casegoods, tables, seating, and accessories. The Standard is also applicable to materials and components manufactured by suppliers to furniture manufacturers.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/document.php?document_id=21405&wg_abbrev=bifma_e3

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

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

TIA (Telecommunications Industry Association)

Revision

BSR/TIA 470.110-D-201x, Telecommunications - Telephone Terminal Equipment - Transmission Requirements for Analog Telephones with Handsets (revision and redesignation of TIA-470.110-C-2004)

The project is required to revise the frequency response masks, add additional requirements regarding receiver levels with varying input signal levels, and volume control measurements using conversational gain.

Single copy price: $116.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: Telecommunications Industry Association (TIA), standards@tiaonline.org

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

UL (Underwriters Laboratories, Inc.)

New Standard

BSR/UL 6141-201x, Standard for Safety for Large Wind Turbine Systems (new standard)

As a result of comments received from UL's original proposal dated 2-10 -2012, UL is recirculating a revised proposal (dated 9-13-13) for the first edition of the Standard for Large Wind Turbine Systems. Changes to this proposed first edition include revised glossary terms and standards references, and revised construction and performance requirements as recommended by UL STP 6141.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Paul Lloret, (408) 754 -6618, Paul.E.Lloret@ul.com

HL7 (Health Level Seven)

HL7 V2IG BMIPRT, R1-201x, HL7 Version 2 Implementation Guide: Body Mass Index Reports, Release 1 - US Realm (Technical Report) (technical report)

This project will create a domain analysis model (DAM) for capturing and managing pressure ulcer prevention information, including pressure ulcer risk assessment and prevention interventions. It will point to relevant clinical concepts for which DCM could be made in later stage. This is the first ballot. However, the DAM on Pressure Ulcer Prevention will point to the DCM for the Braden scale. The Braden Scale has been balloted as R1 informative and is currently under reconciliation. Re-ballot of Braden Scale will not been done before the Pressure Ulcer Prevention DAM is ready.

Single copy price: Free to members and non-members

Order from: Karen Van Hentenryck, (734) 677-7777 Ext 104, Karenvan@HL7.org

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

Comment Deadline: November 12, 2013

ASME (American Society of Mechanical Engineers)

New Standard

BSR/ASME B29.21-200x, 700 Class Chains, Attachments and Sprocket Teeth for Water and Sewage Treatment Plants (new standard)

This Standard covers the various types of 700 Class welded steel and cast chains, attachments and sprockets, namely straight sidebar type; curved sidebar type; and associated sprockets.

Single copy price: Free

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

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

Technical Reports Registered with ANSI

Technical Reports Registered with ANSI are not consensus documents. Rather, all material contained in Technical Reports Registered with ANSI is informational in nature. Technical reports may include, for example, reports of technical research, tutorials, factual data obtained from a survey carried out among standards developers and/or national bodies, or information on the "state of the art" in relation to standards of national or international bodies on a particular subject.

Immediately following the end of a 30-day announcement period in Standards Action, the Technical Report will be registered by ANSI. Please submit any comments regarding this registration to the organization indicated, with a copy to the PSA Center, American National Standards Institute, 25 West 43rd Street, New York, NY 10036 or E-Mail to psa@ansi.org.

HL7 (Health Level Seven)

HL7 CDAR2IG PATAUTHDOC, R1-201x, HL7 Implementation Guide for CDA® R2: Patient Authored Documents, Release 1 (Technical Report) (technical report)

The HL7 Implementation Guide for CDA® R2: Patient Authored Documents, Release 1 is an informative document describing how to use CDA for the representation of patient-authored documents. The implementation guide includes recommendations for constraining the CDA header elements, and describes other characteristics of patient-authored documents.

Single copy price: Free to members and non-members

Order from: Karen Van Hentenryck, (734) 677-7777 Ext 104, Karenvan@HL7.org

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

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.

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

Office: 2111 Wilson Boulevard
Suite 500
Arlington, VA 22201

Contact: *Daniel Abbate*

Phone: (703) 600-0327

Fax: (703) 562-1942

E-mail: dabbate@ahrinet.org

BSR/AHRI Standard 1360 (I-P)-201x, Performance Rating of Computer and Data Processing Room Air Conditioners (new standard)

BSR/AHRI Standard 1361 (SI)-201x, Performance Rating of Computer and Data Processing Room Air Conditioners (new standard)

IESNA (Illuminating Engineering Society of North America)

Office: 120 Wall Street, 17th Floor
New York, NY 10005

Contact: *Patricia McGillicuddy*

Phone: (212) 248-5000, ext 123

Fax: (212) 248-5017

E-mail: pmcgillicuddy@ies.org

BSR/IESNA RP-3-201x, Recommended Practice on Lighting for Educational Facilities (revision of ANSI/IESNA RP-3-2000 (R2006))

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

Office: 1101 K Street NW
Suite 610
Washington, DC 20005-3922

Contact: *Rachel Porter*

Phone: (202) 626-5741

Fax: 202-638-4922

E-mail: comments@itic.org

BSR INCITS 338-2003 (S201x), Information Technology - High-Performance Parallel Interface - 6400 Mbit/s Optical Specifications (HIPPI-6400-OPT) (stabilized maintenance of ANSI INCITS 338-2003 (R2008))

NECA (National Electrical Contractors Association)

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

Contact: *Diana Brioso*

Phone: (301) 215-4549

Fax: (301) 215-4500

E-mail: diana.brioso@necanet.org; neis@necanet.org

BSR/NECA 411-201X, Standard for Installing and Maintaining Uninterruptible Power Supplies (UPS) (revision of ANSI/NECA 411 -2006)

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Peachtree Corners, GA 30092

Contact: *Charles Bohanan*

Phone: (770) 209-7276

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 409 sp-09-201x, Machine direction of paper and paperboard (new standard)

TIA (Telecommunications Industry Association)

Office: 1320 North Courthouse Road
Suite 200
Arlington, VA 22201

Contact: *Marianna Kramarikova*

Phone: (703) 907-7743

E-mail: standards@tiaonline.org

BSR/TIA 470.110-D-201x, Telecommunications - Telephone Terminal Equipment - Transmission Requirements for Analog Telephones with Handsets (revision and redesignation of TIA-470.110-C-2004)

UL (Underwriters Laboratories, Inc.)

Office: 455 E. Trimble Rd.
San Jose, CA 95131-1230

Contact: *Marcia Kawate*

Phone: (408) 754-6743

Fax: (408) 754-6743

E-mail: Marcia.M.Kawate@ul.com

BSR/UL 842-201x, Standard for Safety for Valves for Flammable Fluids (revision of ANSI/UL 842-2011)

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.

ASABE (American Society of Agricultural and Biological Engineers)

New National Adoption

ANSI/ASABE AD4254-6-2013, Agricultural machinery - Safety - Part 6: Sprayers and liquid fertilizer distributors (national adoption with modifications of ISO 4254-6:2009): 9/3/2013

ASCE (American Society of Civil Engineers)

New Standard

ANSI/ASCE/EWRI 44-05-2013, Standard Practice for the Design and Operation of Supercooled Fog Dispersal Projects (new standard): 9/9/2013

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

Addenda

ANSI/ASHRAE/IES Addendum bh to Standard 90.1-2013, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2010): 9/4/2013

ANSI/ASHRAE/IES Addendum bn to Standard 90.1-2013, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2010): 9/4/2013

ANSI/ASHRAE/IES Addendum bo to Standard 90.1-2013, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2010): 9/4/2013

ASME (American Society of Mechanical Engineers)

Revision

ANSI/ASME B30.20-2013, Below the Hook Lifting Devices (revision of ANSI/ASME B30.20-2010): 8/27/2013

ASSE (ASSE International Chapter of IAPMO)

Revision

* ANSI/ASSE Series 7000-2013, Professional Qualifications Standard for Residential Potable Water Fire Protection System Installers & Inspectors for One and Two Family Dwellings (revision of ANSI/ASSE Series 7000-2009): 9/9/2013

AWWA (American Water Works Association)

New Standard

ANSI/AWWA C714-2013, Cold-Water Meters for Residential Fire Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes (new standard): 9/9/2013

CGA (Compressed Gas Association)

Revision

ANSI/CGA P-18-2013, Standard for Bulk Inert Gas Systems (revision of ANSI/CGA P-18-2006): 9/3/2013

EOS/ESD (ESD Association, Inc.)

New Standard

ANSI/ESD STM2.1-2013, ESD Association Standard Test Method for Protection of Electrostatic Discharge Susceptible Items - Garments - Resistive Characterization (new standard): 9/9/2013

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

New Standard

* ANSI/CSA B45.8/IAPMO Z403-2013, Terrazzo, concrete, and natural stone plumbing fixtures (new standard): 9/4/2013

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

New National Adoption

INCITS/ISO/IEC 9541-4:2009/Cor 1:2013, Information technology - Font information interchange - Part 4: Harmonization to Open Font Format, Technical Corrigendum 1 (identical national adoption of ISO/IEC 9541-4:2009/Cor 1:2009): 9/6/2013

INCITS/ISO/IEC 13250-6-2013, Information technology - Topic maps - Part 6: Compact syntax (identical national adoption of ISO/IEC 13250-6:2010): 9/6/2013

INCITS/ISO/IEC 19756-2013, Information technology - Topic maps - Constraint Language (TMCL) (identical national adoption of ISO/IEC 19756:2011): 9/6/2013

INCITS/ISO/IEC 19757-5:2011, Information technology - Document Schema Definition Languages (DSDL) - Part 5: Extensible Datatypes (identical national adoption of ISO/IEC 19757-5:2011): 9/6/2013

INCITS/ISO/IEC 19757-7:2013, Information technology - Document Schema Definition Languages (DSDL) - Part 7: Character Repertoire Description Language (CREPDL) (identical national adoption of ISO/IEC 19757-7:2009): 9/6/2013

INCITS/ISO/IEC 19757-11:2013, Information technology - Document Schema Definition Languages (DSDL) - Part 11: Schema association (identical national adoption of ISO/IEC 19757-11:2011): 9/6/2013

INCITS/ISO/IEC 26300:2006/Cor 2:2013, Information technology - Open Document Format for Office Applications (OpenDocument) v1.0, Technical Corrigendum 2 (identical national adoption of ISO/IEC 26300:2006/Cor 2:2011): 9/6/2013

Reaffirmation

INCITS/ISO/IEC 19798:2007 (R2013), Information Technology - Method of the determination of toner cartridge yield for Colour printers and multi-function devices that contain printer components (reaffirmation of INCITS/ISO/IEC 19798:2007): 9/6/2013

NSF (NSF International)

Revision

* ANSI/NSF 140-2013 (i24), Sustainability Assessment for Carpet (revision of ANSI/NSF 140-2012): 9/1/2013

* ANSI/NSF 140-2013 (i120), Sustainability Assessment for Carpet (revision of ANSI/NSF 140-2012): 9/1/2013

* ANSI/NSF 140-2013 (i20r2), Sustainability Assessment for Carpet (revision of ANSI/NSF 140-2012): 9/1/2013

RESNA (Rehabilitation Engineering and Assistive Technology Society of North America)

New National Adoption

* ANSI/RESNA WC-3-2013, RESNA American National Standard for Wheelchairs - Volume 3: Wheelchair Seating (national adoption with modifications of ISO 16840-1, ISO 16840-2, ISO 16840-3): 9/9/2013

UL (Underwriters Laboratories, Inc.)

New National Adoption

ANSI/UL 60079-11-2013, Standard for Safety for Explosive Atmospheres - Part 11: Equipment Protection by Intrinsic Safety "i" (Proposal Ballot dated 01-18-13) (national adoption of IEC 60079 -11 with modifications and revision of ANSI/UL 60079-11-2011a): 9/6/2013

Reaffirmation

ANSI/UL 109-2009 (R2013), Standard for Safety for Tube Fittings for Flammable and Combustible Fluids, Refrigeration Service, and Marine Use (reaffirmation of ANSI/UL 109-2009): 8/29/2013

ANSI/UL 1651-2008 (R2013), Standard for Safety for Optical Fiber Cable (reaffirmation of ANSI/UL 1651-2008): 8/30/2013

Revision

ANSI/UL 252-2013, Standard for Safety for Compressed Gas Regulators (revision of ANSI/UL 252-2010a): 9/4/2013

ANSI/UL 758-2013, Standard for Safety for Appliance Wiring Material (Proposals Dated 2/22/13) (revision of ANSI/UL 758-2010): 9/3/2013

ANSI/UL 758-2013a, Standard for Safety for Appliance Wiring Material (revision of ANSI/UL 758-2010): 9/3/2013

ANSI/UL 2353-2013, Standard for Safety for Single- and Multi-Layer Insulated Winding Wire (revision of ANSI/UL 2353-2012a): 9/3/2013

* ANSI/UL 2442-2013, Standard For Safety For Wall- and Ceiling-Mounts and Accessories (revision of ANSI/UL 2442-2012b): 9/6/2013

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.

NCPDP (National Council for Prescription Drug Programs)

Office: 9240 East Raintree Drive
Scottsdale, AZ 85260

Contact: *Kittye Krempin*

Fax: (480) 767-1042

E-mail: kkrempin@ncpdp.org

BSR/NCPDP Benefit Integration Standard v1.0-201x, NCPDP Benefit Integration Implementation Guide Standard v1.0 (new standard)

Stakeholders: Pharmacy and medical benefit plans.

Project Need: Develop a standardized way to exchange accumulator dollars between entities, especially as they affect the pharmacy industry.

Develop a standard for exchange of accumulator dollars in an effort to maintain a total accumulator amount that is a combination of various benefit types (e.g., medical, pharmacy).

SMACNA (Sheet Metal and Air-Conditioning Contractors' National Association)

Office: 4201 Lafayette Center Drive
Chantilly, VA 20151-1209

Contact: *Eli Howard*

Fax: (703) 803-3732

E-mail: ehoward@smacna.org; sbaker@smacna.org

BSR/SMACNA 006-201X, HVAC Duct Construction Standards - Metal and Flexible (revision of ANSI/SMACNA 006-2006)

Stakeholders: Owners of commercial and institutional buildings. HVAC duct designers, contractors, and fabrication/installers of commercial and institutional construction projects; Manufacturers of commercial and institutional HVAC duct.

Project Need: This is a revision and updating of an existing standard that is widely used in the HVAC industry and referenced in the national building codes to ensure that it reflects the most current practices, materials, and state of the art.

The HVAC Duct Construction Standards is intended for designers, fabricators, and installers of commercial and institutional duct construction projects. The standards contain prescriptive application tables for the fabrication and installation of rigid, flexible, and fabric ducts that are rectangular, round, or flat oval in shape for positive or negative pressures up to 10 inches water gage (2500 Pa). Included are standards for duct liner, hangers, tie rods, joints, leakage class, and seal class.

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Peachtree Corners, GA 30092

Contact: *Charles Bohanan*

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 409 sp-09-201x, Machine direction of paper and paperboard (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 it if needed to address new technology or correct errors.

This Standard Practice describes several procedures for determining the machine direction of most grades of paper and paperboard. Most of the procedures embody the principle that fibers tend to be aligned in the machine direction of the sheet, and this alignment produces observable effects. However, the extent of restraint used in drying can be very important in determining machine direction.

TCNA (ASC A108) (Tile Council of North America)

Office: 100 Clemson Research Blvd.
Anderson, SC 29625

Contact: *Katelyn Simpson*

Fax: (864) 646-2821

E-mail: KSimpson@tileusa.com

* BSR A137.1-201x, Standard Specifications for Ceramic Tile (revision of ANSI A137.1-2012)

Stakeholders: Ceramic tile installers, contractors, and builders (labor interest category); related material manufacturers (manufacturing interest category); distributors, retailers, and consumers (user interest category); and affiliated industries and other general interest users of this standard (general interest category).

Project Need: Various stakeholders have suggested that new criteria should be addressed by this standard.

These specifications serve as a reference standard for buyers and specifiers of standard grade and second grade ceramic tile, decorative tile, and specialty tile. These specifications are also a guide to producers in maintaining quality control of the manufacture of such ceramic tile.

UL (Underwriters Laboratories, Inc.)

Office: 12 Laboratory Drive
Research Triangle Park, NC 27709-3995

Contact: *Vickie Hinton*

Fax: (919) 549-1851

E-mail: vickie.t.hinton@ul.com

BSR/UL 61010-2-201-201X, Standard for Safety for Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-201: Particular Requirements for Control Equipment (identical national adoption of IEC 61010-2 -201:2013)

Stakeholders: Manufacturers of industrial-process measurement, control and automation equipment.

Project Need: UL is seeking ANSI approval on a new standard, UL 61010-2-201, which is a national adoption of IEC 61010-2-201.

This International standard specifies requirements for a planned series of standards on industrial-process measurement, control and automation equipment (e.g,. programmable controllers (PLC and PAC)), the components of Distributed Control System (DCS), I/O devices, Human Machine Interface (HMI); and any product performing the function of control equipment and/or their associated peripherals) that have as their intended use the control and command of machines, automated manufacturing, and industrial processes. This standard does not cover reliability, functionality, performance, or other properties of the control equipment not related to safety.

American National Standards Maintained Under Continuous Maintenance

The ANSI Essential Requirements: Due Process Requirements for American National Standards provides 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)
- AGSC (Auto Glass Safety Council)
- 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, including contact information at the ANSI Accredited Standards Developer, please visit *ANSI Online* at www.ansi.org, select “Standards Activities,” click on “Public Review and Comment” and “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.

AARST
American Association of Radon Scientists and Technologists
P.O. Box 2109
Fletcher, NC 28732
Phone: (913) 780-2000
Fax: (913) 780-2090
Web: www.aarst.org

AHRI
Air-Conditioning, Heating, and Refrigeration Institute
2111 Wilson Boulevard
Suite 500
Arlington, VA 22201
Phone: (703) 600-0327
Fax: (703) 562-1942
Web: www.ahrinet.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

ASCE
American Society of Civil Engineers
1801 Alexander Bell Dr
Reston, VA 20191
Phone: 703-295-6176
Web: www.asce.org

ASHRAE
American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
1791 Tullie Circle NE
Atlanta, GA 30329
Phone: (404) 636-8400
Fax: (678) 539-2138
Web: www.ashrae.org

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

ASSE (Organization)
ASSE International Chapter of IAPMO
18927 Hickory Creek Drive
Suite 220
Mokena, IL 60448
Phone: (708) 995-3012
Fax: (708) 479-6139
Web: www.asse-plumbing.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

AWWA
American Water Works Association
6666 W. Quincy Ave.
Denver, CO 80235
Phone: (303) 347-6178
Fax: (303) 795-7603
Web: www.awwa.org

CGA
Compressed Gas Association
14501 George Carter Way
Suite 103
Chantilly, VA 20151
Phone: (703) 788-2728
Fax: (703) 961-1831
Web: www.cganet.com

EOS/ESD
ESD Association
7900 Turin Rd., Bldg. 3
Rome, NY 13440
Phone: (315) 339-6937
Fax: (315) 339-6793
Web: www.esda.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

IAPMO (ASC Z124)
International Association of Plumbing & Mechanical Officials
5001 East Philadelphia Street
Ontario, CA 91761-2816
Phone: (909) 472-4106
Fax: (909) 472-4150
Web: www.iapmort.org

IESNA
Illuminating Engineering Society of North America
120 Wall Street, 17th Floor
New York, NY 10005
Phone: (212) 248-5000, ext 123
Fax: (212) 248-5017
Web: www.iesna.org

ITI (INCITS)
InterNational Committee for Information Technology Standards
1101 K Street NW
Suite 610
Washington, DC 20005-3922
Phone: (202) 626-5743
Fax: (202) 638-4922
Web: www.incits.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) 215-4549
Fax: (301) 215-4500
Web: www.necanet.org

NEMA (ASC C8)
National Electrical Manufacturers Association
1300 North 17th Street
Suite 1752
Rosslyn, VA 22209
Phone: (703) 841-3271
Fax: 703-841-3371
Web: www.nema.org

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

RESNA
Rehabilitation Engineering and Assistive Technology Society of North America
2240 Meridian Blvd Ste C
Beneficial Designs, Inc.
Minden, NV 89423
Phone: (775) 783-8822 ext. 121
Fax: (775) 783-8823
Web: www.resna.org

RESNET
Residential Energy Services Network, Inc.
2170 S. El Camino Real
Suite 206
Oceanside, CA 92054
Phone: (760) 408-5860
Fax: (760) 806-9449
Web: www.resnet.us.com

SMACNA
Sheet Metal and Air-Conditioning Contractors' National Association
4201 Lafayette Center Drive
Chantilly, VA 20151-1209
Phone: (703) 803-2980
Fax: (703) 803-3732
Web: www.smacna.org

TAPPI
Technical Association of the Pulp and Paper Industry
15 Technology Parkway South
Peachtree Corners, GA 30092
Phone: (770) 209-7276
Fax: (770) 446-6947
Web: www.tappi.org

TCNA (ASC A108)
Tile Council of North America
100 Clemson Research Blvd.
Anderson, SC 29625
Phone: (864) 646-8453 ext.108
Fax: (864) 646-2821
Web: www.tileusa.com

TIA
Telecommunications Industry Association
1320 North Courthouse Road
Suite 200
Arlington, VA 22201
Phone: (703) 907-7743
Web: www.tiaonline.org

UL
Underwriters Laboratories, Inc.
455 E Trimble Road
San Jose, CA 95131-1230
Phone: (408) 754-6618
Fax: (408) 754-6618
Web: www.ul.com

Newly Published ISO Standards

Listed here are new and revised standards recently approved and promulgated by ISO - the International Organization for Standardization. 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).

IRON ORES (TC 102)

ISO 17992:2013, Iron ores - Determination of arsenic content - Hydride generation atomic absorption spectrometric method, $112.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO 15798:2013, Ophthalmic implants - Ophthalmic viscosurgical devices, $104.00

PAPER, BOARD AND PULPS (TC 6)

ISO 8791-2:2013, Paper and board - Determination of roughness/smoothness (air leak methods) - Part 2: Bendtsen method, $104.00

PHOTOGRAPHY (TC 42)

ISO 15740:2013, Photography - Electronic still picture imaging - Picture transfer protocol (PTP) for digital still photography devices, $250.00

SMALL TOOLS (TC 29)

ISO 6986:2013, Side and face milling (slotting) cutters with indexable inserts - Dimensions, $53.00

ISO 8405:2013, Tools for moulding - Ejector sleeves with cylindrical head - Basic series for general purposes, $53.00

ISO 6262-1:2013, End mills with indexable inserts - Part 1: End mills with flatted cylindrical shank, $53.00

ISO 6262-2:2013, End mills with indexable inserts - Part 2: End mills with Morse taper shank, $53.00

SOLID MINERAL FUELS (TC 27)

ISO 23380:2013, Selection of methods for the determination of trace elements in coal, $80.00

SPORTS AND RECREATIONAL EQUIPMENT (TC 83)

ISO 20957-1:2013, Stationary training equipment - Part 1: General safety requirements and test methods, $104.00

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

ISO 10542-1/Cor1:2013, Technical systems and aids for disabled or handicapped persons - Wheelchair tiedown and occupant-restraint systems - Part 1: Requirements and test methods for all systems - Corrigendum, FREE

TIMBER (TC 218)

ISO 24294:2013, Timber - Round and sawn timber - Vocabulary, $204.00

TIMBER STRUCTURES (TC 165)

ISO 16507:2013, Timber structures - Uniform, concentrated static and concentrated impact loads on wood-based roof and floor panel assemblies - Test methods, $126.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO 14113:2013, Gas welding equipment - Rubber and plastics hose and hose assemblies for use with industrial gases up to 450 bar (45 MPa), $98.00

ISO/IEC JTC 1, Information Technology

ISO/IEC/IEEE 29119-2:2013, Software and systems engineering - Software testing - Part 2: Test processes, $192.00

ISO/IEC/IEEE 29119-3:2013, Software and systems engineering - Software testing - Part 3: Test documentation, $268.00

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

NFC Forum

Public Review: August 23 to November 21, 2013

Sentinel Real Estate Corporation

Public Review: July 19 to October 16, 2013

Topcon Medical Systems

Public Review: August 23 to November 21, 2013

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 e-mail from standards@scte.org.

Withdrawal of UL 2737 as an American National Standard

UL has announced the withdrawal of UL 2737 Standard for Crane Insulators as an American National Standard. For further information, please contact Ross Wilson (Ross.Wilson@ul.com).

ANSI Accredited Standards Developers

Application for Accreditation

The Precast/Prestressed Concrete Institute (PCI)

Comment Deadline: October 14, 2013

The Precast/Prestressed Concrete Institute (PCI), a new ANSI Organizational Member in 2012, has submitted an application for accreditation as an ANSI Accredited Standards Developer (ASD) and proposed operating procedures for documenting consensus on PCI-sponsored American National Standards. PCI's proposed scope of standards activity is as follows:

> Voluntary consensus standards relative to the design, detailing, fabrication, transportation, and erection of precast and precast, prestressed concrete products

To obtain a copy of PCI's proposed operating procedures or to offer comments, please contact: Mr. Jason Krohn, P.E., Managing Director, Technical Activities, Precast/Prestressed Concrete Institute, 200 West Adams Street, Suite 2100, Chicago, IL 60606; phone: 312.583.6771; Email: jkrohn@pci.org. Please submit your comments to PCI by October 14, 2013, with a copy to the Recording Secretary, ExSC in ANSI's New York Office (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 PCI's proposed operating procedures from ANSI Online during the public review period at the following URL: http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fPublic%20Review%20and%20Comment%2fANS%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d.

Approval of Reaccreditation

MTS – Market Transformation to Sustainability

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of MTS – Market Transformation to Sustainability, an ANSI Organizational Member, has been approved under its recently revised operating procedures for documenting consensus on MTS-sponsored American National Standards, effective September 10, 2013. For additional information, please contact: Mr. Mike Italiano, CEO, Market Transformation to Sustainability, Capital Markets Partnership, 1511 Wisconsin Avenue, NW, Washington, DC 20007; phone: 202.338.3131; e-mail: mike@sustainableproducts.com.

Reaccreditation

American Boat & Yacht Council (ABYC)

Comment Deadline: October 14, 2013

The American Boat & Yacht Council (ABYC), an ANSI Organizational Member, has submitted revisions to its currently accredited policies and procedures for documenting consensus on ABYC-sponsored American National Standards, under which it was last reaccredited in 2008. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Ms. Helen Koepper, Operations, American Boat & Yacht Council, 613 Third Street, Suite 10, Annapolis, MD 21403; phone: 410.990.4460, ext. 114; e-mail: hkoepper@abycinc.org. You may view/download a copy of the revisions 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. Please submit any public comments on the revised procedures to ABYC by October 14, 2013, with a copy to the ExSC Recording Secretary in ANSI's New York Office (e-mail: jthompso@ANSI.org).

ANSI Accreditation Program for Greenhouse Gas Validation/Verification Bodies

Reaccreditation

Environmental Services, Inc.

Comment Deadline: October 14, 2013

Environmental Services, Inc.
Janice McMahon
7220 Financial Way, Suite 100
Jacksonville, FL 32256
Tel: 330-833-9941
E-mail: jmcmahon@esinc.cc

On September 3, 2013, the ANSI Greenhouse Gas Validation/Verification Accreditation Committee voted to approve reaccreditation for Environmental Services, Inc. for the following:

Standards:

ISO 14065, Greenhouse gases – Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition

Scopes:

Verification of assertions related to GHG emission reductions & removals at the organizational level

Group 1 – General
Group 2 – Manufacturing
Group 3 – Power Generation
Group 5 – Mining and Mineral Production
Group 6 – Metals Production
Group 7 – Chemical Production
Group 8 – Oil and gas extraction, production and refining including petrochemicals
Group 9 – Waste

Validation of assertions related to GHG emission reductions & removals at the project level

Group 3 – Land Use and Forestry

Verification of assertions related to GHG emission reductions & removals at the project level

Group 3 – Land Use and Forestry

Please send your comments by October 14, 2013 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.

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

Comment Deadline: October 4, 2013

SAC (China) and ANSI (US) have submitted to ISO a proposal for a new field of technical activity on Brand Evaluation with the following scope statement:

The standardization of brand evaluation, including the terms and the definitions of the brand, the methods and the guidelines of brand evaluation, and the work of standardization in related fields.

Anyone wishing to review the new work item proposal can request a copy of the proposal by contacting ANSI's ISO Team via e-mail: isot@ansi.org with submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, October 4th, 2013.

U.S. Technical Advisory Groups

Approval of TAG Accreditation

ISO TC 59/SC 13 – Buildings and Civil Engineering Works – Organization of Information about Construction Works

ANSI's Executive Standards Council (ExSC) has formally approved the accreditation of the U.S. Technical Advisory Group to ISO TC 59/SC 13, Buildings and civil engineering works – Organization of information about construction works under the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities (as contained in Annex A of the ANSI International Procedures) and with the American Society of Heating, Refrigerating and Heating Engineers (ASHRAE) serving as TAG Administrator, effective September 10, 2013. For additional information, please contact: Mr. Douglas Tucker, Assistant Manager of Standards – International, ASHRAE, 1791 Tullie Circle NE, Atlanta, GA 30329; phone: 678.539.1209; e-mail: dtucker@ashrae.org.

U.S. TAG to ISO/IEC JTC 1, Information Technology

U.S. Submissions to JTC 1 for Fast-Track Processing

Comment deadline: October 25, 2013

INCITS, the U.S. TAG to JTC 1, announces the proposed U.S. submission to JTC 1 for Fast-Track processing of NIST SP 800-147, BIOS Protection Guidelines (vers. 20130827) and the accompanying explanatory report.

At this time, INCITS, the U.S. TAG to JTC 1, is soliciting comments from the U.S. community on the appropriateness of the submission of this specification for Fast-Track processing into JTC 1. The scope of this project is:

Provides requirements and guidelines for preventing the unauthorized modification of Basic Input/Output System (BIOS) firmware on PC client systems. Unauthorized modification of BIOS firmware by malicious software constitutes a significant threat because of the BIOS's unique and privileged position within the PC architecture. A malicious BIOS modification could be part of a sophisticated, targeted attack on an organization —either a permanent denial of service (if the BIOS is corrupted) or a persistent malware presence (if the BIOS is implanted with malware). As used in this publication, the term BIOS refers to conventional BIOS, Extensible Firmware Interface (EFI) BIOS, and Unified Extensible Firmware Interface (UEFI) BIOS. This International Standard applies to system BIOS firmware (e.g., conventional BIOS or UEFI BIOS) stored in the system flash memory of computer systems, including portions that may be formatted as Option ROMs. However, it does not apply to Option ROMs, UEFI drivers, and firmware stored elsewhere in a computer system. Subclause 7.2 provides platform vendors with requirements for a secure BIOS update process. Additionally, subclause 7.3 provides guidelines for managing the BIOS in an operational environment. While this International Standard focuses on current and future x86 and x64 client platforms, the controls and procedures are independent of any particular system design.

Please send all comments to INCITS Secretariat (comments@itic.org) no later than October 25, 2013.

To obtain a copy of the specification and explanatory report, please contact the INCITS Secretariat.

Information Concerning

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO/TC 69/SC 4 Applications of statistical methods in process management

Currently, the U.S. holds a leadership position as secretariat of ISO/TC 69/SC 4 (Applications of statistical methods in process management). ANSI has delegated the responsibility for the administration of the secretariat for ISO/TC 69/SC 4 to ASQ. ASQ has advised ANSI of its intent to relinquish its role as delegated secretariat for this committee.

ISO/TC 69/SC 4 operates under the following scope:

> *Standardization in the application of statistical methods, including generation, collection (planning and design), analysis, presentation and interpretation of data.*
> *Note: ISO Council, by Council Resolution 12 / 1959 and Council Resolution 26 / 1961 has entrusted ISO / TC 69 with the function of advisor to all ISO technical committees in matters concerning the application of statistical methods in standardization.*

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated secretariat for ISO/TC 69/SC 4. Alternatively, ANSI may be assigned the responsibility for administering an ISO secretariat. Any request that ANSI accept direct administration of an ISO secretariat shall demonstrate that:

1. The affected interests have made a financial commitment for not less than three years covering all defined costs incurred by ANSI associated with holding the secretariat;
2. the affected technical sector, organizations or companies desiring that the U.S. hold the secretariat request that ANSI perform this function;
3. the relevant US TAG has been consulted with regard to ANSI's potential role as secretariat; and
4. ANSI is able to fulfill the requirements of a secretariat.

If no U.S. organization steps forward to assume the ISO/TC 69/SC 4 secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity, then ANSI will inform the ISO Central Secretariat that the U.S. will relinquish its leadership of the committee. This will allow ISO to solicit offers from other countries interested in assuming the secretariat role.

Information concerning the United States retaining the role of international secretariat may be obtained by contacting ANSI at isot@ansi.org.

Tracking #e3i15r1 **Revision to ANSI/BIFMA e3-2012e**
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e3 Furniture Sustainability

3 Definitions

3.x Injury rate: The frequency of injuries relative to the total time worked by the total workforce in the reporting period.

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8 Social Responsibility

8.1 Prerequisites

8.1.1 Employee Health and Safety Management

The applicant ~~organization~~ shall ensure employee health and safety by establishing management processes that will detect, avoid, or respond to actual and potential threats to the health and safety of personnel at the facility where final assembly occurs.

Reason: This addresses interpretation BC in the annex.

The processes shall include the following components:

– Identification of the local and national health and safety laws applicable to the facility;

– Appointment of a management representative with defined responsibilities;

– An employee health and safety policy;

– Documented procedures for the management of the system including a corrective action process that addresses regulatory compliance and actual and potential threats to employee health and safety;

– Establishment and maintenance of employee health and safety metrics;

– Health and safety training available for employees; and

– Regular evaluation of compliance to applicable health and safety laws, as well as internal procedures and requirements.

8.1.2 Labor and Human Rights

The applicant ~~organization~~ shall protect and respect the rights of human resources at the local, national, and global levels by ensuring that forced or involuntary labor is not used or supported in any form, that employment is voluntary, and that child labor is not used or supported in any form at the facility where final assembly occurs.

Reason: This addresses interpretation BC in the annex.

8.1.3 Prerequisite: Community Outreach and Engagement

The organization shall demonstrate good corporate citizenship to benefit the communities in which it operates. It shall demonstrate at least two volunteer efforts and/or financial contributions supporting community projects within each 12-month period.

Reason: This credit was relocated from a credit to a prerequisite (it is not new or additional points).

8.2 Policy on Social Responsibility

The applicant shall earn one point ~~is available~~ if it ~~the organization~~ adopts a publicly available documented policy (or policies) on social responsibility that, at minimum, addresses:

– Fair hiring practices
– Education for applicable employees in this subject area

- Corporate ethics
- Receipt of gifts
- Insider trading

8.3 Safety Performance

8.3.1 External Health and Safety Management Standard

The applicant shall earn one point ~~is available~~ if it ~~the organization~~ enhances productivity and employee welfare by implementing policies and procedures that go beyond the requirements of 8.1.1 by conforming to the requirements of a publicly available external health and safety management system standard at the facility where final assembly occurs.

Reason: This addresses interpretation BC in the annex.

8.3.2 Reduction of Injury Rate

The applicant shall earn one point, if at the facility where final assembly occurs, it:

- reduces its injury rate, from the previous reporting year, by 50%;
  OR
- has an injury rate that is below or equal to the most current, reported industry average.

The applicant should employ the definition of an injury, industry average for injury rate, and the method for calculating injury rate by adhering to the norms specific to the country in which final assembly occurs.

NOTE - For purposes of this credit, an **injury** can be defined as an occupational injury or illness that requires medical treatment, more than simple first aid.

Reason: This addresses interpretation BC in the annex.

8.4 Inclusiveness

The applicant shall earn one point ~~is available~~ if it ~~the organization~~ promotes inclusiveness in the workforce, in management, and corporate governance bodies while recognizing the unique local norms, which exist in different countries around the world at the facilities where final assembly occurs. The organization shall develop and implement an inclusiveness policy that includes the following components:

- Identification of and compliance to the local and national inclusiveness rules and regulations applicable to the facility;
- Documented procedures for the management of the system;
- Establishment of appropriate feedback mechanisms;
- A corrective action process;
- Establishment and maintenance of employee inclusiveness metrics and internal performance tracking and reporting;
- Inclusiveness education available for employees; and
- Regular evaluation of compliance to applicable inclusiveness rules and regulations, as well as internal procedures and requirements.

Reason: This addresses interpretation BC in the annex.

8.5 ~~Engage in~~ Community Outreach and ~~Involvement~~ Engagement – Public Disclosure

The applicant shall earn one point ~~is available~~ if the efforts referenced in 8.1.3 and two additional volunteer/financial efforts (minimum 4 total) are publicly disclosed. Public disclosure may be on a website, in a company report, social responsibility report, or available upon request. The summary of the effort(s) that is publicly available shall include:

1) Name and description
2) Date(s)
3) Location(s)
4) Participation (number or percentage of employees)
5) Community outcome/impact

~~organization demonstrates good corporate citizenship to benefit the communities in which it operates. It shall demonstrate at least two volunteer efforts and/or financial contributions supporting community projects within each 12-month period.~~

8.6 Social Responsibility Reporting

The organization shall promote transparency through public reporting of social responsibility activities and results. Wherever possible, it shall use widely accepted metrics to evaluate the effects of these policies and activities on the company's stakeholders. By fulfilling one or both of the following requirements, the applicant can earn up to three points, as detailed below.

8.6.1 Basic Level

The applicant may earn one point if it publishes a public social responsibility report that, at minimum, addresses:

- Employee Health and Safety Management
- Labor and Human Rights Management
- Inclusiveness
- Community Outreach and Involvement

8.6.2 Advanced Level

The applicant may earn an additional two points if it publishes a comprehensive, public social responsibility report that follows reporting practices in the Global Reporting Initiative ~~G3~~ Social Responsibility section, the SA8000 Social Accountability standard or other internationally recognized guidelines.

Reason: The reference will be to the current version of GRI rather than a specific version.

Either of these requirements is met if the social responsibility report is a part of a more comprehensive report that includes environmental or economic elements.

8.7 Supply chain

Through the use of internationally recognized social responsibility criteria, the organization shall encourage continuous improvement in the supply chain relative to sustainable business criteria, and particularly to social responsibility. By fulfilling the following criteria, the applicant may earn up to four ~~three~~ points, as detailed below.

8.7.1 Basic Level

The applicant may earn one point if it establishes a documented supplier assessment tool (which may be a self-assessment tool) containing social responsibility criteria for its suppliers. At a minimum, the assessment tool shall contain criteria in the following categories:

- Child labor
- Forced labor
- Health and safety
- Discrimination
- Discipline/harassment
- Working hours
- Compensation
- Corruption
- Bribery

8.7.2 Advanced Level

8.7.2.1 Implementation of Supplier Self-Assessment Tool

The applicant shall receive two additional points if it conforms to 8.7.1 and provides completed responses to the assessment tool from suppliers comprising at least 75% of its total direct material spend for all products, measured using actual annual spend data for a consecutive 12-month time period within the previous 2 years.

For suppliers that are part of the "75% of total direct material spend" that act as brokers, distributors, inventory management providers, etc. and do *not* manufacture and/or assemble the components/products purchased by the organization, the assessment tool responses shall ~~must~~ be obtained from their suppliers who do manufacture and/or assemble the components/products~~, again at the 75% of direct material spend level.~~

8.7.2.2 Supplier Code of Conduct

The applicant shall receive one additional point if it conforms to 8.7.2.1 and develops a Supplier Code of Conduct based on criteria from an internationally recognized social responsibility guideline or standard. At a minimum, the Code of Conduct shall address the following criteria:

- Child labor
- Forced labor
- Health and safety
- Discrimination
- Discipline/harassment
- Working hours
- Compensation
- Corruption
- Bribery

The Code of Conduct shall be signed by suppliers comprising at least 75% of the applicants' total material spend which shall include its high risk suppliers. This shall be measured using actual annual spend data for a consecutive 12-month time period within the previous 2 years.

NOTE - The applicant who qualifies for one additional point in this section (8.7.2.2) automatically has earned the two points in 8.7.2.1 and the one point in 8.7.1.

NOTE – High risk suppliers within the applicants' supply chain should be determined by evaluating relative risk using, but not limited to, the following criteria:

- Country of manufacture (final assembly, at a minimum)
- Industry type
- Annual spend

8.8 Excellence in Social Responsibility

In this section, the applicant may earn points for being recognized by a variety of sources for excellence in social responsibility. The intent of this section is to award outstanding performance that has been recognized by an entity external to the applicant's organization. A maximum of three points may be awarded as described below.

8.8.1 Recognition of Excellence (non-building)

The applicant shall receive one point if it can provide three examples showing excellence in social responsibility performance. The recognition of excellence shall have occurred within the previous 12 month period and relate directly to the topics described in Section 8, Social Responsibility. Recognition from a variety of sources shall be accepted, including, but not limited to, customers, suppliers, charitable organizations, NGOs, state, federal, and local government agencies. Building certifications submitted for section 8.8.2 shall not be used to achieve the point awarded in section 8.8.1.

8.8.2 Sustainable Building Recognition

The applicant shall receive one point for each facility it owns, leases, and operates in accordance with a voluntary, consensus-based, nationally recognized sustainable building standard/program. The standard/program shall address multiple building types and emphasize sustainable strategies for operations and maintenance that cover the following:

- Impacts on the surrounding site;
- Energy management;
- Indoor environmental quality;
- Material and resources efficiency;
- Green cleaning;
- Water and wastewater management.

NOTE - A maximum of two points shall be awarded for section 8.8.2.

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Interpretations

~~8 Social Responsibility~~

~~BC.~~ ~~It appears that the wording and use of the term "the organization" is not used consistently in section 8. The term "the organization" is used for credits that are facility or organization related per Annex D. We would like some clarity for sections 8.1.1, 8.1.2, 8.3, and 8.4 on what the credit boundaries for each credit are.~~

~~BC Consensus Opinion:~~ ~~Annex D (the scorecard) and the Guidance Manual are both clear about the scope of the credits in question. In these credits, the word "organization" refers to the applicant organization. The applicant organization shall ensure that the policies and practices outlined in these prerequisites and credits are in place at the facility, or facilities, where final assembly occurs, regardless of whether the applicant organization owns or does not own the facility(ies).~~

e3 Furniture Sustainability

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-
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4 Assessing Conformance, Evaluation, and Assessment Criteria

4.4.1 Levels of Conformance

Silver 32 to 44 total points; at least 5 of which are product related points
Gold 45 to 62 total points; at least 11 of which are product related points
Platinum 63 to ~~91~~100 total points; at least 18 of which are product related points

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4.5 Baseline and Normalization Values

The baseline and normalization values selected for each credit shall be used consistently throughout the certification period for each credit. The baseline may only be recaluclated as defined below.
~~Some points require improvements against a baseline. Applicants have flexibility in defining the unit of measure they use to demonstrate improvement. Once an applicant defines the unit of measure, they must consistently use that throughout the standard whenever the normalization method is applied. For purposes of this standard, the baseline is the average of any 36 consecutive months within the previous 72-month period.~~

4.5.1 Baseline Values

For the purposes of this standard, calculating a baseline shall be established by one of the following methods:

1) The average of any 36 consecutive months within the previous 72-month period.

2) Select a single year as the base year for which data are available. In no case shall the baseline year be set prior to 2005 or more than 10 years prior to the performance year under evaluation.

3) Use first BIFMA e3 baseline calculated as the fixed standard.

A baseline shall be recalculated when a 10% or greater change has occurred in the inventory based on one of the following:

1) Structural change (e.g., merger, acquisition, or divestiture, insourcing and outsourcing of activities) in the appropriate boundaries.

2) Change in calculation methodology or improvements in the accuracy of activity data that result in a significant impact on the base year data.

3) Discover of significant errors, or a number of cumulative errors, that are collectively significant.

A baseline shall not be recalculated when:

1) Closing and opening of facilities that did not exist in the baseline year.

2) Outsourcing/insourcing: For energy, outsourcing/insourcing does not require recalculation of the base year if the insourced or outsourced emissions were previously reported under scope 2 and/or scope 3 (i.e., they were already accounted for in the inventory). Insourced emissions that had already been accounted for in scope 3 emissions and reported would not trigger a recalculation. However, insourcing or outsourcing of activities producing emissions that were not accounted for in the original inventory or that were accounted for originally but are not scope 3 and not accounted for, do require recalculation of the baseline. For example insourcing/outsourcing of activity that shifts significant emissions between scope 1 to scope 3 when those scope 3 emissions are not reported as part of the users inventory does trigger a base year emissions recalculation.

3) Organic growth or decline; which refers to increase or decreases in production output, change in product mix, and closing or openings of facilities owned or controlled by the company.

4.5.2 Normalization Values

Applicants have flexibility in defining the unit of measure appropriate for each credit to demonstrate change over time.

4.6 Frequency of Conformity Assessment

Products ~~must~~ shall be reevaluated if significant changes to materials, processes or the facility occur that affect the eligibility for any credit within the scope of conformance at the time of the change. Regardless, the frequency of conformity assessment shall not exceed three years.

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BSR/RESNET 301-2013: Standard for the Calculation and Labeling of the Energy Performance of Low-Rise Residential Buildings using the HERS Index

Substantive changes resulting from round 2 public comments:

3.2 Definitions.

Annual Fuel Utilization Efficiency (AFUE) –a measure of the efficiency of gas or oil fired furnaces and boilers calculated as the furnace heating energy output divided by fuel energy input. AFUE does not include pilot lights, electrical energy for fans, ~~pilot lights,~~ or electronic ignition systems (see also Electric Auxiliary Energy).

Approved Rating Provider – An approved entity responsible for the certification of Home Energy Raters working under its auspices and who is responsible for the quality assurance of such certified Raters and for the quality assurance of Home Energy Ratings produced by such Home Energy Raters ~~in accordance with Section 600 of the *Mortgage Industry National Home Energy Rating System Standards*~~.

Auxiliary Electric Consumption – The annual auxiliary electrical energy consumption for a fossil fuel fired furnace, boiler or ground source heat pumps in kilowatt-hours per year.

Approved Tester – An individual who, by virtue of training and examination, has demonstrated competence in the performance of on-site testing in accordance with Sections ~~800~~ 802 and 803 of the *Mortgage Industry National Home Energy Rating Systems Standards* and who has been approved by an Approved Rating Provider to conduct such tests.

Biomass Fuel – Plant or animal waste materials that have been processed to be capable of providing useful heat through combustion.

Conditioned Floor Area (CFA) – The projected floor area of the Conditioned Space within a building, measured in accordance with ANSI Standard Z765-2012 except that, unlike the Ceiling Height Requirements of ANSI Standard Z765, portions of the finished floor area that have a height of less than 5 feet shall be included in the Conditioned Floor Area~~with exceptions as specified in Appendix A of the *Mortgage Industry National Home Energy Rating Systems Standards*~~.

Conditioned Space – An area or room within a building serviced by a space heating or cooling system designed to maintain ~~human comfort~~space conditions in accordance with ~~ASHRAE Standard 55-2010~~Section 4.2 of this Standard.

Conditioned Space Boundary – The principal air containment planes of a building that separate the Conditioned Space within the building from the outdoor environment or from Unconditioned Space.

Miscellaneous ~~Electric~~ Energy Loads (MELs) – ~~Electrical e~~Energy uses that are not attributable to space heating, space cooling, hot water heating or well-defined energy uses of specific appliances that have a large saturation in homes, such as refrigerators.

On-Site Power Production (OPP) – Electric power produced at the site of a Rated Home. OPP shall be the net electrical power production, such that it equals the gross electrical power production minus any purchased fossil fuel energy used to produce the on-site power, converted to equivalent electric~~ity~~ energy use at a 40% conversion efficiency in accordance with Equation 4.1-3.

Qualifying Light Fixture – A light fixture located in a Qualifying Light Fixture Location that contains lamps (i.e. light bulbs) with an average luminous efficacy equal to or greater than 50 lumens/watt or a light fixture that is controlled by a photocell and motion sensor.

Qualifying Light Fixture Locations – For the purposes of rating, those light fixtures located in kitchens, dining rooms, living rooms, family rooms/dens, bathrooms, hallways, stairways, entrances, bedrooms, garage, utility rooms, home offices, and all outdoor fixtures mounted on a building or pole. This excludes plug-in lamps, closets, unfinished basements, and landscape lighting.

Renewable Energy System – Means of ~~transforming solar thermal energy~~ producing thermal energy or producing electric power that rely on naturally-occurring, on-site resources that are not depleted as a result of their use. Renewable Energy Systems shall include, but are not limited to, solar energy systems, wind energy systems and biomass energy systems~~and geothermal energy systems~~.

Unconditioned Space – ~~The outdoor environment or a~~An area or room within a building that is not Conditioned Space but which may contain heat sources or sinks that influence the temperature of the area or room.

4.1.2 Calculating the HERS Index.

PEfrac = (TEU - OPP) / TEU

TEU = Total energy use of the Rated Home including all rated and non-rated energy features where all fossil fuel site energy uses (Btu_{fossil}) are ~~multiplied by 40%~~converted to equivalent electric energy use (kWh_{eq}) in accordance with Equation 4.1-3.

OPP = On-Site Power Production as defined by Section 5.1.1.4 of this Standard.

$$kWh_{eq} = (Btu_{fossil} * 0.40) / 3412 \quad \text{(Eq 4.1-3)}$$

Table 4.2.2(1) Specifications for the HERS Reference and Rated Homes

Air exchange rate	Specific Leakage Area (SLA) [d] = 0.00036 ~~(~~assuming no energy recovery~~)~~ and with energy loads calculated in quadrature [f], [g]	~~For residences that are not tested, the same as the HERS Reference Home~~ Tested in accordance with Section 802 of the *Mortgage Industry National Home energy Rating Systems Standards* For residences ~~that are tested in accordance with Section 802 of the *Mortgage Industry National Home energy Rating Systems Standards*~~, without Whole-House Mechanical Ventilation Systems, the measured ~~air exchange~~infiltration rate [e] but not less than 0.30 ach For residences ~~tested in accordance with Section 802 of the *Mortgage Industry National Home energy Rating Systems Standards*,~~ with Whole-House Mechanical Ventilation Systems, the measured ~~air exchange~~infiltration rate [e] combined with the time-averaged Whole-House ~~m~~Mechanical ~~v~~Ventilation System rate,[f] which shall not be less than 0.03 x CFA + 7.5 x (Nbr+1) cfm and with energy loads calculated in quadrature [g]
Whole-House Mechanical ventilation:	None, except where a mechanical ventilation system is specified by the Rated Home, in which case: Where Rated Home has supply-only or exhaust-only Whole-House Ventilation System: 0.35*fanCFM*8.76 kWh/y Where Rated Home has balanced Whole-House Ventilation System	Same as Rated Home ~~Same as Rated Home~~

Table 4.2.2(1) Specifications for the HERS Reference and Rated Homes

	without energy recovery: 0.70* fanCFM*8.76 kWh/y Where Rated Home has balanced Whole-House Ventilation System with energy recovery: 1.00*fanCFM*8.76 kWh/y And where fanCFM is calculated in accordance with Section 4.1.2 ASHRAE Standard 62.2-2013 for a continuous Whole-House Ventilation System. ~~Annual vent fan energy use:~~ ~~kWh/y = 0.5*(supVfan + exhVfan)*8.76~~ ~~where:~~ ~~supVfan = cfm of supply ventilation fan~~ ~~exhVfan = cfm of exhaust ventilation fan~~ ~~and where supVfan and exhVfan are calculated in accordance with ASHRAE Standard 62.2-2010, Addendum 'r'~~	
Thermal distribution systems:	Thermal distribution system efficiency (DSE) of 0.80 shall be applied to both the heating and cooling system efficiencies.	For forced air distribution systems: ~~same as Reference Home, except when t~~Tested in accordance with Section 803 of the *Mortgage Industry National Home Energy Rating Systems Standards* [~~no~~], . . .

Table 4.2.2(1) Notes:

(d) Where Effective Leakage Area (ELA) is defined in accordance with ~~Section 4.1.2~~Equation 4.4 of ASHRAE Standard 62.2-~~2010~~2013, ~~Addendum 'r'~~ and where SLA = ELA / CFA (where ELA and CFA are in the same units). ~~Either hourly calculations using the procedures given in the 2009 ASHRAE Handbook of Fundamentals, Chapter 16, page 16.23, Equation 48 (Sherman-Grimsrud model) using Shelter Class 4 or calculations yielding equivalent results shall be used to determine the energy loads resulting from air exchange.~~

(f) The combined air exchange rate for Infiltration and Whole-House Mechanical Ventilation Systems shall be determined in accordance with ~~Equation 51 of 2009 ASHRAE Handbook of Fundamentals page 16.25 in combination with the Section 4~~Equation 4.6 ~~provisions~~ of ASHRAE Standard 62.2-~~2010~~2013~~, Addendum 'r'~~.

(g) Either hourly calculations using the procedures given in the 2013 ASHRAE Handbook of Fundamentals (IP version), Chapter 16, page 16.25, Equation 51 using Shelter Class 4 or calculations yielding equivalent results shall be used to determine the energy loads resulting from infiltration in combination with Whole-House Mechanical Ventilation systems.

(~~i~~k) For a Rated Home without a ~~proposed~~ heating system, a gas heating system with the efficiency provided in Table 4.2.2(1a) shall be assumed for both the HERS Reference Home and Rated Home. For a Rated home that has no access to natural gas or fossil fuel delivery, an ~~electric heating systems, the efficiency~~ air-source heat pump with the efficiency provided in Table 4.2.2(1a) shall be assumed for both the HERS Reference Home and Rated Home~~selected~~.

(~~k~~m) For a Rated Home without a ~~proposed~~ cooling system, an electric air conditioner with the efficiency provided in Table 4.2.2(1a) shall be assumed for both the HERS Reference Home and the Rated Home.

(~~m~~n) For a Rated Home with a non-storage type water heater, a 40-gallon storage-type water heater of the same fuel as the proposed water heater shall be assumed for the HERS Reference Home. For tankless water heaters, the Energy Factor (EF) shall be multiplied by 0.92 for Rated Home calculations. For a Rated Home without a proposed water heater, a 40-gallon storage-type water heater of the same fuel as the predominant ~~heating~~ fuel type used for the heating system(s) shall be assumed for both the Rated and HERS Reference Homes. . . .

(~~o~~p) Raters shall obtain . . .

ii. For commercial water heaters used in residential applications, one of the following approaches shall be followed to determine the EF for a particular piece of equipment.

a. Use ~~the~~ an approved commercial hot water system calculator ~~posted on the RESNET web site.~~

4.2.2.2 Insulation Inspections:

Exceptions:

(a) Modular and manufactured housing using IPIA inspections shall be considered as an acceptable alternative for the HERS inspection where the manufacturer of the home includes the on-site inspection procedures for ~~of Appendix A of the *Mortgage Industry National Home Energy Rating Systems Standard*~~ insulation details and requirements in their DAPIA packages, which are used by IPIA's for their factory inspections.

(b) The R-values for non-structural materials or for Structural Insulated Panels (SIP's), Insulated Concrete Forms (ICF's), and other pre-manufactured assemblies when accompanied by supporting test data consistent with ASTM C 177-10, ASTM C 518-10, ASTM C 1114-06, ASTM C236-93 or ASTM C 976-96.

4.2.2.2.2 Insulation Assessment:

(c) Areas of an assembly having different insulation types or R-values (including uninsulated areas in excess of 5% of any otherwise insulated building component) shall be modeled separately, with the applicable R-values and assembly areas associated with each different insulation situation.

(d) The overall thermal properties of steel-framed walls, ceilings and floors shall be ~~based~~ calculated in accordance with the modified zone method specified by Chapter 27, 2013 ASHRAE Handbook of Fundamentals or tested in accordance with ASTM Standard C-1363-11. Test results may be modified to add or subtract R-values to the tested assembly that reflect differences between the tested assembly and proposed assemblies when such differences are continuous and occur outside of the cavity.~~one of the following calculation methods:~~

~~1) A series path calculation in accordance with Section 5.5, ASHRAE Standard 90.2-2007.~~

~~2) Testing in accordance with ASTM Standard C-1363-11. Test results may be modified to add or subtract R-values to the tested assembly to reflect differences between the tested assembly and proposed assemblies when such differences occur outside of the cavity.~~

~~3) For clear wall assemblies (without door or window headers and jack or king studs), in accordance with the modified zone method specified by Chapter 27, 2009 ASHRAE Handbook of Fundamentals.~~

~~**4.2.2.5.1.4 Whole-House Mechanical Ventilation Systems.** Where a Whole-House Mechanical Ventilation System is provided in the Rated home, $REUL_{LA}$ shall be modified for the Reference Home by adding [0.03942*CFA + 29.565*(N_{br}+1)] kWh/y for ventilation fan operation, converted to MBtu/y, where MBtu/y = (kWh/y)/293.~~

4.2.3.1.8 Systems shall not be ~~smaller~~ larger than the size calculated using this procedure plus 100 Btu/hr.

4.3.3.2.9 To the degree that the installed equipment capacity for the Rated Home exceeds properly sized equipment in accordance with the above procedures, the ~~manufacturer's equipment performance rating shall be reduced accordingly~~impact of the over-sizing on part-load performance shall be accounted accordingly.

4.3.5 Ground Source Heat Pumps. For residential ground-loop and ground-water water-to-air heat pumps that are shipped with an integral blower fan and without a fluid circulation pump, the Auxiliary Electric ~~Consumption~~ Power shall be determined as follows:

GSHP Auxiliary Electric Consumption (kWh/y) = $GSHP_{pump}$ - $GSHP_{intp}$ + $GSHP_{fanESP}$

where:

$GSHP_{pump}$ in watts is the observed pump nameplate data (Volts *Amps) shall be added for all ~~hours~~ periods of heat pump operation. . . .

$GSHP_{intp}$ in watts is the estimated pump power required to overcome the internal resistance of the ground-water heat exchanger under AHRI test conditions. $GSHP_{intp}$ = W/ton * rated cooling Btu/h/12,000. W/ton shall be 30 for ground loop (closed loop) systems and 15 for ground water (open loop) heat pump systems.

$GSHP_{fan}$: If ducts are attached to the system to deliver heating or cooling, the external fan energy in watts, $GSHP_{fan}$ = (air flow in CFM * 0.~~5~~ 2 watts per CFM), shall be added for all ~~hours~~ periods of heat pump operation. The air flow in CFM shall be (~~360~~ 400 * rated cooling Btu/h / 12,000), where ~~360~~ 400 is the air flow in CFM per ton (12 kBtu/h) of capacity. Note that for the purposes of calculating adjusted equipment efficiency, $GSHP_{fanESP}$ shall also be added to the rated heating capacity, and subtracted from the rated cooling capacity of the equipment. For that adjustment, $GSHP_{fanESP}$ shall be converted to Btu/h by Btu/h = $GSHP_{fanESP}$ * 3.412.

For the purpose of projected ratings only, if $GSHP_{pump}$ cannot be determined, the following adjustments may be made to the rated efficiency of the GSHP:

Adjusted EER (closed loop) = 0.0000315*EER^3 - 0.0111*EER^2 + 0.959*EER
Adjusted COP (closed loop) = 0.000416*COP^3 - 0.041*COP^2 + 1.0086*COP
Adjusted EER (open loop) = 0.00005*EER^3 - 0.0145*EER^2 +0.93*EER
Adjusted COP (open loop) = 0.00067*COP^# - 0.0531*COP^2 + 0.976*COP

4.3.6 Fossil Fuel Fired Furnaces and Boilers. For a fossil fuel fired furnace or boiler, the Auxiliary Electric Consumption shall be determined as follows:

Auxiliary Electric Consumption (kWh/y) = Eae * (HLH) / 2080)

where:

HLH = annual heating load hours seen by the furnace/boiler.
Note: If fan power is needed (kW), it is determined by Eae / 2080.

5.1.2.2.1.1 For electricity use, data for the sub-region annual total output emission rates published by Environmental Protection Agency's 2012 eGrid database . . . .

5.2.2 Review. Upon review of an IDR, the RESNET ~~Standing Technical~~Standards Development Committee 300 (SDC 300) shall either request additional supporting documentation for further consideration or provide a recommendation with justification to the Standards Management Board (SMB) as follows: a) ~~is~~ recommend ~~approved~~approval, b) ~~is~~ recommend ~~denied~~denial, or c) ~~is~~ recommend ~~approved~~ approval with modifications. ~~The RESNET Board of Directors shall accept or reject the recommendation of Technical Committee or request further information from the Technical Committee.~~

5.2.3 Approval. IDRs shall be approved on a case by case basis. The SMB shall accept or reject the recommendation of SDC 300 or shall request further information from SDC 300. RESNET shall assign a unique identifier . . . .

5.3 Labeling. Home energy rating labels shall, at a minimum, contain the information specified by Sections 5.3.1 through 5.3.6

5.3.1 Real property physical address of the home, including city and state or territory
5.3.2 HERS Index Score of the home
5.3.3 Projected energy use of the home by fuel type
5.3.4 Projected energy cost of the home, calculated in accordance with energy price rate provisions of Section 5.1.2.1.2.
5.3.5 Name and address of the Approved Rating Provider
5.3.6 Date of the home energy rating.

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

1. Clarification of the Use of Nonmetallic Material in the Ground Path.

24.3 There shall be a continuous metal path between all metal parts that are connected to the metal ground plate or strap. When the metal parts are in place there shall not be any nonmetallic material in between the metal parts of the connection.

2. Revision to the Minimum RTI Requirement for Box Extenders.

25A.4 A polymeric material used for a box extender shall have a relative thermal index of not less than ~~90°C (194°F) for the properties of electr- ical and mechanical without impact determined in accordance with the Standard for Polymeric Materials - Long Term Property Evaluations, UL 746B~~ that required for the box for which it is intended to be used in accordance with 17.2A or 17.3A.

3. Correction of UL 514B Clause Reference Regarding Nonmetallic Cable Clamps.

27.1.1 A box provided with a nonmetallic-sheathed-cable clamp(s) shall comply with the appropriate requirements in Clause 8.25 ~~Clause 8.24.1~~ of the Standard for Conduit, Tubing, and Cable Fittings, UL 514B, CSA C22.2 No. 18.3, or NMX-J-017-ANCE. The box shall be prepared for testing in accordance with 27.1.2 and 27.1.3.

4. Clarification of the Requirements to Evaluate the Combination of Receptacle and Cover as an Assembly.

46.2 An opening for a receptacle shall accommodate a receptacle of a standard size, and shall locate the face of the receptacle flush with or outside the outer plane of the opening in a cover.

Exception: The face of a receptacle may be located behind a nonmetallic cover provided it complies with all of the following:

a) The receptacle and cover shall be evaluated as an assembly, including compliance with 46.1;

b) The assembly shall be evaluated for compliance to requirements in this Standard, and the Standard for Attachment Plugs and Receptacles, UL 498;

c) The receptacle and cover shall be permanently attached or uniquely constructed to prevent securement of the cover to any other receptacle; and

d) The assembly shall be marked in accordance with 86.6.1, and provided with installation instructions in accordance with 87.6.

86.6 Assemblies encompassing receptacles and nonmetallic covers

86.6.1 Assemblies encompassing receptacles and nonmetallic covers of the construction described in the Exception to 46.2, but which are not permanently attached receptacle/cover assemblies, shall be clearly and indelibly marked "Replace Receptacle only with Receptacle Model/Catalog Number _____", "Replace Receptacle only with Manufacturer's Specified Direct Replacement Receptacle (as Identified on Receptacle)" or the equivalent. The wording in parentheses is optional.

87.6 Assemblies encompassing receptacles and nonmetallic receptacle covers that employ a construction as described in the Exception to 46.2 shall be provided with installation instructions for replacing the receptacles that include specific replacement receptacle specifications.

5. Clarification of the Cross Sectional Area of Conduit Bodies.

62.3 A conduit body shall have an internal cross-sectional area not less than that specified in Table 62.1, based on the largest size raceway that may be connected to it.

Table 62.1

Internal ~~C~~cross-sectional area required for conduit bodies

Trade size of raceway,	Cross section,	
Inch	Square inches	(cm^2)
1/2	0.608	(3.92)
3/4	1.067	(6.88)
1	1.729	(11.15)
1-1/4	2.991	(19.30)
1-1/2	4.072	(26.27)
2	6.711	(43.30)
2-1/2	9.576	(61.78)
3	14.785	(95.39)
3-1/2	19.774	(127.57)
4	25.461	(164.26)
4-1/2	31.894	(205.77)
5	40.012	(258.14)
6	57.781	(372.78)

BSR/UL 842, Standard for Safety for Valves for Flammable Fluids

1. Addition of requirements for protective coatings

5.6 ~~When atmospheric corrosion of a part interferes with the intended function of a valve, the part shall be of a corrosion resistant material or be provided with a corrosion resistant coating.~~ Metallic materials used for fluid confining parts shall be resistant to atmospheric corrosion. In addition, metallic materials that are required to operate to address safety (e.g. thermal links on shear valves) shall be resistant to atmospheric corrosion. Ferrous materials of a thickness specified in the following items are acceptable for the preceding when uncoated:

a) A casting having a wall thickness of not less than 1/4 inch (6.4 mm) if shown by production test to be free of leakage and

b) Fabricated sheet steel parts having a minimum wall thickness of 0.093 inch (2.36 mm).

5.7 A protective coating ~~complying with 5.6~~ shall provide resistance against corrosion to a degree not less than that provided by the protective coatings specified in 5.8.

5.8 Cadmium plating shall be minimum 0.0003 inch (0.008 mm) thick and zinc plating shall be minimum 0.0005 inch (0.013 mm) thick other than on parts where threads constitute the major portion of the area, in which case the thickness of the cadmium or zinc plating shall be minimum 0.00015 inch (0.0038 mm). Metallic parts are considered to comply with 5.6 when they are protected against atmospheric corrosion by:

a) Hot dipped, mill galvanized sheet steel complying with the coating designation G90 in Table I of the Specification for Sheet Steel, Zinc Coated (Galvanized) or Zinc-Iron-Alloy Coated (Galvannealed) by the Hot Dip Process, ASTM A653/A653M, or

b) Coatings which have been determined to be equivalent to G90 under the requirements of the Standard for Organic Coatings for Steel Enclosures for Outdoor Use Electrical Equipment, UL 1332.

5.8.1 A metallic material other than as described in 5.6 - 5.8 shall be painted or protected in a manner that has been determined to be equivalent.

BSR/UL 1008, Standard for Safety for Transfer Switch Equipment

1. Correction of Error in Table 35.1

PROPOSAL

Table 35.1

Method of determining test current for endurance tests

Device used for	Rated type of current	Test current	Power factor
Total system load, motor load or	a-c	See Table ~~34.2~~ 35.2 Note "c" or Table 35.3 Note "b"	0.75 - 0.80
Electric discharge lamp control	d-c	See Table ~~34.2~~ 35.2 Note "c" or Table 35.3 Note "b"	a
Resistive loads	a-c	Rated current	a
	d-c	Rated current	a
Incandescent lamp control	a-c	Rated current[c]	b
	d-c	Rated current[c]	b
[a] Noninductive resistive load.			
[b] The load shall consist of tungsten-filament lamps or a load having equivalent characteristics. See 35.3 and 35.6.			
[c] The test cycle is to be 1 second "on" and 59 seconds "off". A controller may be operated at a rate of more than 1 cycle per minute if synthetic loads are used or if a sufficient number of banks of lamps controlled by a commutator are employed so that each bank will cool for at least 59 seconds between successive applications of current.			

2. Changes to the Closing Test Procedure Specified in Paragraphs 39.18, 39.39, 39.20, and 42.4

PROPOSAL

39.18 When the test specified in 39.1 is conducted for a time duration, with the transfer switch in the fully closed position, the test circuit closing switch, (see Figure 39.1), shall be used to apply the test voltage to the circuit for the time duration as specified in 39.19 - 39.21. For a magnetically held transfer switch, the magnet ~~is to~~ shall be held closed electrically. A separate main device as shown in Figure 39.2, shall not be used to conduct the test.

39.19 Other than as noted in 39.20 or 39.21, for a time duration test, the test current shall pass through the transfer switch for at least 0.050 seconds. The transfer switch markings shall be as specified in 51.25. The marked time duration shall be equal to 0.050 seconds.

39.20 When testing a transfer switch rated 101 - 400 A ~~or less in a 10,000 A circuit~~, the test current shall pass through the transfer switch for at least 0.025 seconds. When testing a transfer switch rated 100 A or less for an available short circuit rating of 10,000 A or less, the test current shall pass through the transfer switch for at least 0.008, 0.017, or 0.025 seconds. The transfer switch markings shall be as specified in 51.25.

42.4 When the short-circuit closing test is conducted for a time duration as described in 39.11, the test circuit closing switch shown in Figure 39.1 shall be used to apply the test voltage to the circuit before the transfer switch is closed. The test circuit closing switch shall remain closed until the current passes through the transfer switch for the time duration marked on the transfer switch as specified in 39.20 and 39.21. A separate main device, (see Figure 39.2), ~~shall not~~ may be used to ~~conduct~~ terminate the test, when all of the following conditions are met:.

a) The available rms symmetrical current shall be determined at the line terminals of the separate main device;

b) The available rms symmetrical current shall be 10 percent higher than the required test current; and

c) If the separate main device is a current limiting circuit breaker or fuse the point where it is considered current limiting shall be greater than the required test current.

Table 51.1

Acceptable short-circuit current time duration in seconds

0.008	0.067
0.017	0.083
0.025	~~0.083~~ 0.100
0.050	~~0.100~~
~~0.067~~	

BSR/UL 1647, Standard for Motor-Operated Massage and Exercise Machines

(Only the base requirement and proposed changes shown.)

83.6 The following instructions shall be included in the list of items in addition to the items in 83.5 for the appliances indicated. If more than one item applies to the appliance, all applicable items for the appliance type shall be included.

k) Massagers with moving parts, including Shiatsu Massagers –

1) The following item shall be included following the heading ″WARNING:″

i) ~~Do not use this massager in close proximity to loose clothing, jewelry, or long hair.~~ Do not use massager in close proximity to loose clothing or jewelry.

ii) Keep long hair away from massager while in use.