ANSI STANDARDS ACTION

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Contents

American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

ISSN 0038-9633

Comment Deadline: September 11, 2011

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

Addenda

BSR/ASHRAE/IES Addendum ac to Standard 90.1, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2010)

Allows the inclusion of the R-value of an air space in enclosed cavities with or without insulation when calculating the total R-value of assemblies in Appendix A. This is consistent with what is allowed in Chapter 26 of the 2009 ASHRAE Handbook of Fundamentals.

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

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

BSR/ASHRAE/IES Addendum z to Standard 90.1, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2010)

Relocates the existing water economizer requirements into the general economizer requirements.

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

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

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

Adds a requirement in section 7.4.6.1 (Lighting Power Allowance) that the exterior LPDs allowed by ANSI/ASHRAE/USGBC/IES 189.1-2009 to be some percentage of those allowed by ANSI/ASHRAE/IESNA Standard 90.1-2010.

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

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

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

The first public review of this addendum included modifications to Section 6.3.2.3 (b) (HVAC Systems and Equipment) for cooling tower drift, but based on comments from the first public review, this ISC restores the original language in the Standard.

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

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

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

Modifies the proposed language to delete the requirement for a minimum initial SRI value. This addendum also editorially restructures Section 5.3.2.4 (Solar Reflective Index) to separate roofing and non-roofing products to give clarity.

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

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

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

Adds a requirement in section 7.4.6.8 (Controls for Exterior Sign Lighting) for automatic controls to assure that lighted signs that are bright enough to be visible during daytime hours are operated during nighttime hours with a 65% reduction in power.

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

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

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

Adds in section 7.4.3.12 (Automatic Control of HVAC and Lights in Hotel/Motel Guest Rooms) a minimum time period to automatic HVAC and lighting control requirements for guest rooms.

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

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

ISA (ASC Z133) (International Society of Arboriculture)

Revisions

BSR Z133-201x, Arboricultural Operations - Safety Requirements (revision of ANSI Z133.1-2006)

Contains the arboriculture safety requirements for pruning, repairing, maintaining, and removing trees, and for using equipment in such operations.

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

Send comments (with copy to BSR) to: Janet Huber, (217) 531-2874, jhuber@isa-arbor.com

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 125-201x, Standard for Safety for Flow Control Valves for Anhydrous Ammonia and LP-Gas (revision of ANSI/UL 125-2011)

- Clarifies the type of valve to be subject to stem torque test;
- Fixes the cross reference in the material section;
- Clarifies the test samples; and
- Describes suitable materials for LP-Gas and NH3 Valves.

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

Send comments (with copy to BSR) to: Kristin Andrews, (408) 754-6634, Kristin.L.Andrews@us.ul.com

* BSR/UL 325-201x, Standard for Door, Drapery, Gate, Louver, and Window Operators and Systems (revision of ANSI/UL 325-2010)

Describes residential garage door operators with unattended operation closing features.

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

Send comments (with copy to BSR) to: Amy Walker, (847) 664-2023, Amy.K.Walker@us.ul.com

BSR/UL 840-201x, Standard for Safety for Insulation Coordination Including Clearances and Creepage Distances for Electrical Equipment (revision of ANSI/UL 840-2007)

Provides for surge-protective devices used in electrical equipment.

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

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

BSR/UL 924-201x, Standard for Safety for Emergency Lighting and Power Equipment (revision of ANSI/UL 924-2011)

Adds a definition of "transfer switch" to the Glossary.

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

Send comments (with copy to BSR) to: Barbara Davis, (408) 754-6722, Barbara.J.Davis@us.ul.com

Comment Deadline: September 26, 2011

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmations

BSR/AAMI BF7-1989 (R201x), Blood transfusion micro-filters (reaffirmation of ANSI/AAMI BF7-1989 (R2007))

Contains labeling requirements, performance requirements, test methods, and terminology for disposable blood transfusion micro-filters for use with adult populations to remove microaggregates from blood or blood products during transfusion.

Single copy price: $40.00 (AAMI members)/$80.00 (nonmembers) [print/PDF]

Obtain an electronic copy from: www.aami.org

Order from: AAMI Publications, PHONE: 1-877-249-8226; FAX: 1-301 -206-9789

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

BSR/AAMI BF64-2002 (R201x), Leukocyte reduction filters (reaffirmation of ANSI/AAMI BF64-2002 (R2007))

Contains labeling requirements, performance requirements, test methods, and terminology for disposable filters used for the reduction of leukocytes from blood or blood products during transfusion.

Single copy price: $40.00 (AAMI members)/$80.00 (nonmembers) [print/PDF]

Obtain an electronic copy from: www.aami.org

Order from: AAMI Publications, PHONE: 1-877-249-8226; FAX: 1-301 -206-9789

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

BSR/AAMI BE83-2006 (R201x), Biological evaluation of medical devices - Part 18: Chemical characterization of materials (reaffirmation of ANSI/AAMI BE83-2006)

Describes a framework for the identification of a material and the identification and quantification of its chemical constituents.

Single copy price: $40.00 (AAMI members)/$80.00 (nonmembers)

Obtain an electronic copy from: www.aami.org

Order from: AAMI Publications, PHONE: 1-877-249-8226; FAX: 1-301 -206-9789

Send comments (with copy to BSR) to: Susan Gillespie, (703) 253-8284, sgillespie@aami.org

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

New Standards

BSR/AHRI Standard 880(I-P)-201x, Performance Rating of Air Terminals (new standard)

Applies to air-control devices used in air-distribution systems. These devices provide control of air volume with or without temperature control by one or more of the following means and may or may not include a fan:
- Fixed or adjustable directional vanes (i.e., Bypass Air Terminal);
- Pressure-dependent volume dampers or valves (including air induction nozzles and dampers);
- Pressure-compensated volume dampers or valves (including air induction nozzles and dampers);
- Integral heat exchange;
- On/off fan control;
- Variable-speed fan control; and
- Integral diffuser air terminals.

Single copy price: Free

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

Send comments (with copy to BSR) to: Same

BSR/AHRI Standard 880(SI)-201x, Performance Rating of Air Terminals (new standard)

Applies to air-control devices used in air-distribution systems. These devices provide control of air volume with or without temperature control by one or more of the following means and may or may not include a fan:
- Fixed or adjustable directional vanes (i.e., Bypass Air Terminal);
- Pressure-dependent volume dampers or valves (including air induction nozzles and dampers);
- Pressure-compensated volume dampers or valves (including air induction nozzles and dampers);
- Integral heat exchange;
- On/off fan control;
- Variable-speed fan control; and
- Integral diffuser air terminals.

Single copy price: Free

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

Send comments (with copy to BSR) to: Same

Revisions

BSR/AHRI Standard 530-201x, Rating of Sound and Vibration for Refrigerant Compressors (revision of ANSI/AHRI Standard 530-201x)

Applies to external-drive, hermetic, and semi-hermetic positive-displacement refrigerant compressors. In the case of external-drive refrigerant compressors, the driving mechanism shall be excluded from the sound and vibration measurements. However, for semi-hermetic refrigerant compressors, where the driving mechanism is an integral part of the compressor assembly, it shall be included in the measurements.

Single copy price: Free

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

Send comments (with copy to BSR) to: Same

API (American Petroleum Institute)

New Standards

BSR/API 6DA-201x, Mechanical integrity and sizing of actuators and mounting kits for pipeline valves (new standard)

Defines the requirements for mechanical integrity and sizing of actuators used on valves manufactured under ISO 14313 and API Specification 6D. This International Standard is applicable to all types of electric, pneumatic and hydraulic actuators, inclusive of mounting kit, installed on pipeline valves.

Single copy price: $100.00

Order from: API

Send comments (with copy to BSR) to: Edmund Baniak, (202) 682 -8135, baniake@api.org

ASA (ASC S1) (Acoustical Society of America)

Revisions

BSR/ASA S1.17/Part 1-200x, Microphone Windscreens - Part 1: Test Procedures for Measurements of Insertion Loss in Still Air (revision and redesignation of ANSI S1.17/Part 1-2000)

Describes test procedures for determining the insertion loss of windscreens mounted on measurement microphones. Insertion loss is determined over a specified frequency range and for still-air conditions in the test facility.

Single copy price: $120.00

Obtain an electronic copy from: asastds@aip.org

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

Send comments (with copy to BSR) to: Same

ASABE (American Society of Agricultural and Biological Engineers)

Revisions

BSR/ASAE S279.16-201x, Lighting and Marking of Agricultural Equipment on Highways (revision of ANSI/ASAE S279.15-2010)

Provides specifications for lighting and marking of agricultural equipment whenever such equipment is operating or is traveling on a highway.

Single copy price: $52.00

Obtain an electronic copy from: vangilder@asabe.org

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

Send comments (with copy to BSR) to: Same

Withdrawals

* BSR/ASAE/ISO 9191-2002 (R2007), Lawn and Garden ride-on (riding) tractors - Three-point hitch (withdrawal of ANSI/ASAE/ISO 9191-2002 (R2007))

Specifies the requirements for the connection of implements or attachments to the rear of lawn and garden ride-on (riding) tractors by means of a three-point free link hitch in association with a power lift.

Single copy price: $52.00

Obtain an electronic copy from: vangilder@asabe.org

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

Send comments (with copy to BSR) to: Same

* BSR/ASAE/ISO 9192-2002 (R2007), Lawn and garden ride-on (riding) tractors - One-point tubular sleeve hitch (withdrawal of ANSI/ASAE/ISO 9192-2002 (R2007))

Specifies the requirements for the connection of implements or attachments to the rear of lawn and garden ride-on (riding) tractors by means of a one-point (single pin connection) hitch in association with a manual or power lift system. Standard dimensions for hitch point location, hitch tube and implement yoke are laid down to ensure the connection of specific implements or attachments.

Single copy price: $52.00

Obtain an electronic copy from: vangilder@asabe.org

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

Send comments (with copy to BSR) to: Same

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

Revisions

BSR/ASHRAE Standard 127-201x, Method of Testing for Rating Computer and Data Processing Room Unitary Air Conditioners (revision of ANSI/ASHRAE Standard 127-2007)

Provides a uniform set of requirements for rating computer and data processing room unitary (CDPR) air conditioners. This standard does not apply to the rating of individual assemblies, such as condensing units or direct expansion fan-coiled units, for separate use.

Single copy price: $35.00

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

Order from: standards.section@ashrae.org

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

Addenda

BSR/ASHRAE Addendum 55b-201x, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55 -2010)

Splits normative and informative language that appears in the body of the Standard. Most of the informative language is moved to a new informative appendix.

Single copy price: $35.00

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

Order from: standards.section@ashrae.org

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

BSR/ASHRAE/IES Addendum aa to Standard 90.1, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2010)

Eliminates references to the type of DDC control system, and just specifies how the system must perform in Section 6.5.3.2.3.

Single copy price: Free

Order from: standards.section@ashrae.org

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

BSR/ASHRAE/IES Addendum ab to Standard 90.1, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2010)

Adds a Filled Cavity metal building roof assembly to Appendix A.

Single copy price: Free

Order from: standards.section@ashrae.org

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

BSR/ASHRAE/IES Addendum x to Standard 90.1, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2010)

Puts limits on air leakage through the casing and through the damper for terminal air boxes. This requirement only applies to single-duct and dual-duct units.

Single copy price: Free

Order from: standards.section@ashrae.org

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

BSR/ASHRAE/IES Addendum y to Standard 90.1, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2010)

Updates the standard to include the new federal energy efficiency standards in Section 10.8 for motors used in HVAC equipment that will be in effect starting in 2015.

Single copy price: Free

Order from: standards.section@ashrae.org

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

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

Provides in section 8 (Indoor Environmental Quality) more flexibility in achieving minimum daylight requirements, allows for the alternative of using the performance path to show equivalent daylighting benefits, and adds occupancy exceptions to the requirement for diffusing glazing.

Single copy price: Free

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

Order from: standards.section@ashrae.org

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

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

Adds automatically controlled dynamic building facade systems as alternatives to the permanent projection requirements in sections 7 (Energy Efficiency), 8 (Indoor Environmental Quality), and 10 (Construction & Plans for Operation).

Single copy price: Free

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

Order from: standards.section@ashrae.org

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

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

Modifies in section 5.3.3 (reduction of Light Pollution) the Backlight, Uplight and Glare (BUG) threshold values to match those found in the latest draft of the IDA/IES Model Lighting Ordinance.

Single copy price: Free

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

Order from: standards.section@ashrae.org

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

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

Clarifies the requirements in section 7.4 (Prescriptive Option) for heating, ventilating, air-conditioning, and service water-heating equipment when a compliance path is chosen for the building project where federal minimum preemptive efficiency requirements are applicable.

Single copy price: Free

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

Order from: standards.section@ashrae.org

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

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

Adds a new Table C-16 (Commercial Refrigeration Min Efficiency Requirements) to Appendix C (Prescriptive Equipment Efficiency Tables), which covers efficiency requirements for commercial refrigeration.

Single copy price: Free

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

Order from: standards.section@ashrae.org

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

ASME (American Society of Mechanical Engineers)

Revisions

BSR/ASME B30.12-2006, Handling Loads Suspended from Rotorcraft (revision of ANSI/ASME B30.12-2006)

Applies to the protection of flight crews, ground personnel, and property on the surface while working directly with or in the vicinity of rotorcraft conducting external load operations. Within the general scope as defined in Section I, B30.12 applies to the handling of loads suspended from rotorcraft using a cargo sling or powered hoist, or other attaching means, to lift, carry, pull, or tow a jettisonable load outside of the rotorcraft airframe.

Single copy price: Free

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

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

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

AWS (American Welding Society)

New Standards

BSR/AWS G2.5/G2.5M-201x, Guide for the Fusion Welding of Zirconium and Zirconium Alloys (new standard)

Provides instructional guidance for the welding of zirconium and zirconium alloys. This guide explains processes, equipment, materials, workshop practices, joint preparation, welding techniques, tests, and the repair of defects.

Single copy price: $25.00

Obtain an electronic copy from: roneill@aws.org

Order from: Rosalinda O'Neill, (305) 443-9353, roneill@aws.org

Send comments (with copy to BSR) to: Andrew Davis, (305) 443-9353, Ext. 466, adavis@aws.org; roneill@aws.org

CLSI (Clinical and Laboratory Standards Institute (formerly NCCLS))

Revisions

BSR/CLSI C46-A2-201x, Blood Gas and pH Analysis and Related Measurements; Approved Guideline - Second Edition (revision and redesignation of ANSI/NCCLS C46-A-2001)

Addresses blood gas, pH, and related measurements (e.g., hemoglobin and hemoglobin fractions, oxygen content, hemoglobin-oxygen saturation, electrolytes, hematocrit, glucose, and lactate) as measured in blood. The guideline is limited to devices for measurement of these quantities in vitro. Devices for in vivo monitoring and patient-attached, ex vivo monitors for blood gas, pH, and related measurements, although common in many respects to devices for in vitro measurements, are not specifically addressed.

Single copy price: $60.00 (CLSI Members); $120.00 (nonmembers)

Obtain an electronic copy from: tdooley@clsi.org

Order from: Tracy Dooley, (610) 688-0100, tdooley@clsi.org

Send comments (with copy to BSR) to: Same

BSR/CLSI H1-A6-201x, Tubes and Additives for Venous and Capillary Blood Specimen Collection; Approved Standard - Sixth Edition (revision and redesignation of ANSI/CLSI H1-A5-2003)

Dddresses requirements for the materials, manufacturing, and labeling of venous and capillary blood collection devices. Capillary blood collection devices addressed in this document include only microcollection devices. The document also provides a description, mode of action, and specifications for most common anticoagulants found in blood collection devices.

Single copy price: $100.00 (CLSI Members); $200.00 (nonmembers)

Obtain an electronic copy from: tdooley@clsi.org

Order from: Tracy Dooley, (610) 688-0100, tdooley@clsi.org

Send comments (with copy to BSR) to: Same

BSR/CLSI H11-A4-201x, Procedures for the Collection of Arterial Blood Specimens; Approved Standard - Fourth Edition (revision and redesignation of ANSI/NCCLS H11-A3-2000)

Reduces the potential hazards to the patient and medical personnel and increases the clinical usefulness of the arterial blood specimen. This standard addresses collection of whole blood specimens from arterial sites with emphasis on reducing the potential hazards to the patient and to medical personnel. The specimen collection procedures are intended to provide appropriate whole blood samples for blood gas, electrolyte, and metabolite determinations.

Single copy price: $60.00 (CLSI Members); $120.00 (nonmembers)

Obtain an electronic copy from: tdooley@clsi.org

Order from: Tracy Dooley, (610) 688-0100, tdooley@clsi.org

Send comments (with copy to BSR) to: Same

CSA (CSA America, Inc.)

Reaffirmations

* BSR Z21.66-1996 (R201x), Automatic Vent Damper Devices for Use with Gas-Fired Appliances (same as CSA 6.14-1996 (2011)) (reaffirmation of ANSI Z21.66-1996 (R2007))

Applies to an automatic vent damper device designed to form a section of the vent connector from an individually, automatically operated, gas-fired appliance, equipped with a draft hood(s). This device shall not be installed on any appliance converted from solid or liquid fuels. It does not apply to a flue damper that is a device installed before of the draft hood relief opening(s).

Single copy price: $175.00

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

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

Send comments (with copy to BSR) to: Same

* BSR Z21.94-2005 (R201x), Automatic Flammable Vapor Sensor Systems and Components (same as CSA 6.31-2006) (reaffirmation of ANSI Z21.94-2005 and ANSI Z21.94a-2007)

Addresses the details of construction, performance, and testing of flammable vapor sensors and systems used for sensing the presence of flammable vapors in residential applications. This standard applies to a sensor and/or system for incorporation into a flammable vapor sensor system. The complete system shall be a single-use or manual-reset type.

Single copy price: $175.00

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

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

Send comments (with copy to BSR) to: Same

Withdrawals

* BSR/CSA LC-3-2000, Appliance Stands and Drain Pans (withdrawal of ANSI/CSA LC-3-2000)

Applies to appliance stands that are used for supporting an appliance at the proper height to meet appliance codes requiring flammable vapor ignition sources to be a minimum distance of 18 inches above the floor. Appliance drain pans are used under an appliance to collect, but not retain, and have the ability to dispose of water in the event of condensation or a leak.

Single copy price: $433.00

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

Send comments (with copy to BSR) to: Same

HPS (ASC N13) (Health Physics Society)

New Standards

BSR N2.1-201x, Radiation Symbol (new standard)

This standard is a revision of the old standard that was withdrawn in 1999. It provides guidance on the appropriate usage of the radiation symbol and the size, shape and color of the radiation symbol.

Single copy price: $20.00

Obtain an electronic copy from: njohnson@burkinc.com

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

Send comments (with copy to BSR) to: Same

BSR N13.30-201x, Performance Criteria of Radiobioassay (new standard)

Provides criteria for radiobioassay service laboratory quality assurance, performance evaluation, and accreditation. Criteria are included for determining bias, precision, and the minimum detectable amount of a measurement procedure. Technical standards for a performance testing program are provided. This standard provides useful and practical information and guidance for users, providers, and regulators of radiobioassay services.

Single copy price: $20.00

Obtain an electronic copy from: njohnson@burkinc.com

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

Send comments (with copy to BSR) to: Same

BSR N13.41-201x, Criteria for Performing Multiple Dosimetry (new standard)

Provides guidance for when to monitor with multiple dosimeters and where to place such dosimeters, and the interpretation and recording of results after the dosimeters are processed or evaluated.

Single copy price: $20.00

Obtain an electronic copy from: njohnson@burkinc.com

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

Send comments (with copy to BSR) to: Same

MHI (Material Handling Industry)

Revisions

BSR/MH29.1-201x, Safety Requirements for Industrial Scissors Lifts (revision of ANSI MH29.1-2008)

Mobile and stationary industrial scissors lifts raise, lower and position materials and personnel in various applications, but are different from aerial work platforms (AWP) and elevators. This revision better illustrates that personnel operate and may be raised or lowered by industrial scissor lifts. This standard now defines dock lifts, work access lifts, and lift tables as the three categories of industrial scissors lifts and identifies their differences and similarities. The responsibilities of manufacturers, users, owners, and operators have been enhanced.

Single copy price: $10.00 (paper copy); Free (PDF)

Obtain an electronic copy from: standards@mhia.org

Order from: Michael Ogle, (704) 676-1190, mogle@mhia.org

Send comments (with copy to BSR) to: Same

NECA (National Electrical Contractors Association)

New Standards

* BSR/NECA 413-201x, Standard for Installing and Maintaining Electric Vehicle Supply Equipment (EVSE) (new standard)

Describes the procedures for installing and maintaining AC Level 1, AC Level 2 and AC Level 3 Electric Vehicle Supply Equipment (EVSE). This standard covers Electric Vehicle Supply Equipment (EVSE) that complies with applicable local, state and federal regulations, codes and standards for AC Level 1, AC Level 2 and AC Level 3 EVSE intended for transferring energy between premises wiring systems and electric vehicles (EVs).

Single copy price: $40.00

Obtain an electronic copy from: am2@necanet.org

Order from: Michael Johnston, (301) 215-4521, am2@necanet.org

Send comments (with copy to BSR) to: Same

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

Reaffirmations

BSR NAPIM 177.2-2006 (R201x), Safety standard - Printing ink vertical post mixers (reaffirmation of ANSI NAPIM 177.2-2006)

Applies to vertical post mixers designed to be used in the manufacturing of printing inks. The purpose of this standard is to establish safety requirements with respect to the design and operation of vertical post mixers.

Single copy price: $39.00

Obtain an electronic copy from: dorf@npes.org

Order from: Debra Orf, (703) 264-7200, dorf@npes.org

Send comments (with copy to BSR) to: Same

SCTE (Society of Cable Telecommunications Engineers)

Revisions

BSR/SCTE 14-201x, Test Method for Hex Crimp Tool Verification/Calibration (revision of ANSI/SCTE 14-2007)

Determines and verifies the actual crimp dimension of hex crimp tools, the measurement technique for determining the final hex size that may affect pull-off performance of the cable-to-connector interface, and the calibration technique for adjusting hex crimp tools.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

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

Send comments (with copy to BSR) to: standards@scte.org

BSR/SCTE 115-201x, Test Method for Reverse Path (Upstream) Intermodulation Using Two Carriers (revision of ANSI/SCTE 115 -2006)

Defines a method of measurement of intermodulation distortion in the reverse “upstream” path of Cable Telecommunications equipment.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

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

Send comments (with copy to BSR) to: standards@scte.org

BSR/SCTE 119-201x, Measurement Procedure for Noise Power Ratio (revision of ANSI/SCTE 119-2006)

Defines a method of measurement for Noise Power Ratio (NPR) of active Cable Telecommunications equipment. It is intended for measurement of 75-ohm devices having type "F" or 5/8-24 KS connectors. See the Cable Telecommunications Testing Guidelines document, SCTE 96 2003 (formerly IPS TP 200), for a discussion of proper testing techniques.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

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

Send comments (with copy to BSR) to: standards@scte.org

BSR/SCTE 125-201x, Hard Line Pin (Plug) Connector Return Loss (revision of ANSI/SCTE 125-2007)

Describes a procedure to measure the Return Loss characteristics of a single Mainline Pin Connector interfaced between (1) mainline cable and a precision airline. This standard implements the time domain-gating features of the network analyzers, which removes the interfaces, and far end termination from the DUT (device under test) measurement.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

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

Send comments (with copy to BSR) to: standards@scte.org

TAPPI (Technical Association of the Pulp and Paper Industry)

New Standards

BSR/TAPPI T 822 om-201x, Ring crush of paperboard (rigid support method) (new standard)

The ring crush test correlates with edgewise compression strength of paperboard. This method is intended for paperboard between 0.28 mm (0.011 in.) and 0.61 mm (0.024 in.) thick. It may be used with less reliability for paperboard as thin as 0.18 mm (0.007 in.) and as thick as 0.76 mm (0.030 in.).

Single copy price: Free

Obtain an electronic copy from: standards@tappi.org

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

Send comments (with copy to BSR) to: standards@tappi.org

TIA (Telecommunications Industry Association)

Revisions

BSR/TIA 606-B-201x, Administration Standard for Telecommunications Infrastructure (revision of ANSI/TIA 606-A-2002 (R2007))

Specifies administration systems for telecommunications infrastructure within buildings (including commercial, industrial, residential, and data center premises) and between buildings. This infrastructure may range in size from a building requiring a single telecommunications space (TS) and associated elements, to many TSs and associated elements in multiple campus locations. This Standard applies to administration of telecommunications infrastructure in existing, renovated,and new buildings.

Single copy price: $188.00

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

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

Send comments (with copy to BSR) to: Teesha Jenkins, (703) 907-7706, tjenkins@tiaonline.org

BSR/TIA 1005-A-201x, Telecommunications Infrastructure Standard For Industrial Premises (revision of ANSI/TIA 1005-2009)

This default ballot is a result of the comment resolution held regarding SP-3-4822-RV1 and is limited to one (1) specific technical change. Other comments submitted to SP-3-4822-RV1 were resolved editorially. The results of the SP 3 4822 RV1 ballot consisted of 13 “abstain”, 19 “approve” votes, 6 “approve with comments” votes, and 1 with "disapprove with comments".

Single copy price: $51.00

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

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

Send comments (with copy to BSR) to: Teesha Jenkins, (703) 907-7706, tjenkins@tiaonline.org

UL (Underwriters Laboratories, Inc.)

New Standards

BSR/UL 452-201x, Standard for Safety for Antenna-Discharge Units (new standard)

ANSI approval of UL 452, which covers antenna-discharge units for radio and television receiving equipment and amateur radio-transmitting and -receiving equipment, to be employed in accordance with the National Electrical Code, NFPA 70. An antenna-discharge unit as covered by these requirements consists of a gap, a fixed resistance or other discharge element, or a combination of such features, connected between each antenna lead-in terminal and a grounding terminal.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Barbara Davis, (408) 754-6722, Barbara.J.Davis@us.ul.com

* BSR/UL 2572-201x, Standard for Communication and Control Units for Mass Notification Systems (new standard)

Covers discrete electrical control units, communication units, transport products which manipulate the data packets, interfaces, and accessories for mass notification systems to be employed in accordance with the National Fire Alarm and Signaling Code, NFPA 72.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

New National Adoptions

BSR/UL 61010-1-201x, Standard for Electrical Equipment For Measurement,Control, and Laboratory Use; Part 1: General Requirements (national adoption with modifications and revision of ANSI/UL 61010-1-2008)

Harmonizes UL 61010-1 for Canada and the United States; co-published with ISA.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

BSR/UL 61010-2-030-201x, Standard for Electrical Equipment for Measurement,Control, and Laboratory Use - Part 2-030: Particular Requirements for Testing and Measuring Circuits (national adoption with modifications of IEC 61010-2-030)

Harmonizes UL 61010-2-030 for Canada and the United States, co-published with ISA.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

Revisions

BSR/UL 541-201x, Standard for Safety for Refrigerated Vending Machines (revision of ANSI/UL 541-2010)

(See page 10 for Scope.)

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

BSR/UL 2335-201x, Standard for Safety for Fire Tests of Storage Pallets (revision of ANSI/UL 2335-2010a)

- Clarifies requirements and updates testing details;
- Provides revisions to the Idle Pallet Storage Fire Test;
- Provides revisions to the Commodity Storage Test; and
- Provides new marking requirements.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to BSR) to: Kristin Andrews, (408) 754-6634, Kristin.L.Andrews@us.ul.com

Comment Deadline: October 11, 2011

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

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

New Standards

BSR/ASSE A10.1-201x, Pre-Project & Pre-Task Safety and Health Planning for Construction and Demolition Operations (new standard)

Establishes the elements and activities for pre-project and pre-task safety and health planning in construction.

Single copy price: $50.00

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

Send comments (with copy to BSR) to: Same

BSR/ASSE A10.26-201x, Emergency Procedures for Construction and Demolition Sites (new standard)

The standard applies to those emergency procedures involving:
(1) fires, collapses, hazardous spills, and other emergencies that could endanger workers;
(2) emergency rescue of injured or ill workers or other persons, or of uninjured workers unable to rescue themselves;
(3) on-site provision of first aid and emergency medical care;
(4) evacuation and transportation of injured or ill workers to appropriate emergency medical facilities;
(5) pre-planning and coordination of emergency plan with emergency medical facilities; and
(6) training on emergency procedures/plans for workers and other groups.

Single copy price: $50.00

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

Send comments (with copy to BSR) to: Same

IEEE (Institute of Electrical and Electronics Engineers)

New Standards

BSR/IEEE 1547.4-201x, Guide for Design, Operation, and Integration of Distributed Resource Island Systems with Electric Power Systems (new standard)

Provides alternative approaches and good practices for the design, operation, and integration of distributed resource (DR) island systems with electric power systems (EPS). This includes the ability to separate from and reconnect to part of the area EPS while providing power to the islanded EPSs. This guide includes the distributed resources, interconnection systems, and participating electric power systems.

Single copy price: $135.00

Order from: IEEE, PHONE:+1-800-678-4333; FAX:+1-732-981-9667; ONLINE: http://standards.ieee.org/store

Send comments (with copy to BSR) to: Karen Evangelista, (732) 562 -3854, k.evangelista@ieee.org

Projects Withdrawn from Consideration

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

ADA (American Dental Association)

BSR/ADA Specification No. 121-200x, Laboratory Abrasion Methods for Dentifrices (new standard)

PLASA (PLASA North America)

* BSR E1.8-2005 (R201x), Entertainment Technology - Loudspeaker Enclosures Intended for Overhead Suspension - Classification, Manufacture and Structural Testing (reaffirmation of ANSI E1.8-2005)

UL (Underwriters Laboratories, Inc.)

BSR/UL 2200-201x, Standard for Safety for Stationary Engine Generator Assemblies (Proposal dated 03/04/11) (revision of ANSI/UL 2200-2009C)

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.

Comment Deadline: September 11, 2011

ARMA (Association of Records Managers and Administrators)

ARMA TR-01-2011, Records Center Operations, 3rd edition (TECHNICAL REPORT) (technical report)

Revises and updates an existing technical report. This technical report will cover the establishment and operation of a records center either under direct control of an organization or through the use of a commerical records center.

Single copy price: $TBD

Order from: Nancy Barnes, (913) 312-5565, standards@armaintl.org

Send comments (with copy to BSR) to: Same

BSR/UL 541-201x, Standard for Safety for Refrigerated Vending Machines (revision of ANSI/UL 541-2010)

Covers:
(1) Proposed relocation of general component requirements to the construction section and addition of glossary terms;
(2) Proposed addition and revision of requirements to relocate component standard references from Appendix A into the body of the standard as component requirements;
(3) Proposed addition of definition as well as clarifying the requirements for barriers and aligning them with similar barrier requirements in other UL standards;
(4) Proposed revision and addition of requirements for gaskets intended to clarify requirements and allow an option for gaskets to comply with the Standard for Gaskets and Seals, UL 157;
(5) Proposed reorganization and clarification of supply connection requirements
(6) Proposed revision to allow an option for capacitors to comply with the Standard for Capacitors, UL 810;
(7) Proposed addition and revision of lighting system requirements to provide for lighting systems other than electric-discharge systems;
(8) Proposed revisions to protective electronic circuits requirements with respect to clarifying software class requirements;
(9) Proposed revision and addition of requirements for switches and controllers to specify component requirements;
(10) Proposed clarifications and revisions to requirements for transformers to integrate applicable component requirements;
(11) Proposed addition of requirements to provide an alternative means for complying with present spacing requirements based on the Standard for Insulation Coordination Including Clearances and Creepage Distances for Electrical Equipment, UL 840;
(12) Proposed revision and addition of requirements for carbonation systems to clarify the requirements and align them with similar requirements in other UL standards;
(13) Proposed revision and addition of requirements for refrigerant tubing and clarifying requirements specific to capillary tubing;
(14) Proposed revision and addition of requirements to reference the fatigue test in UL 207 to be used in conjunction with the strength tests when applicable to the evaluation of vending machines;
(15) Proposed revisions to the heating test requirements to align with additional heating requirements proposed in topic (2) and changes to lighting system requirements proposed in topic (7);
(16) Proposed relocation and clarification of strain relief test requirements for cords for cord-connected vending machines;
(17) Proposed relocation and clarification of wiring endurance test requirements;
(18) Proposed addition and revision of requirements specific to polymeric parts of vending machines to align with requirements in the Standard for Polymeric Materials – Use in Electrical Equipment Evaluations, UL 746C;
(19) Proposed addition and revision of requirements to address the investigation of vending machines using flammable refrigerants;
(20) Proposed addition and revision of requirements to address the investigation of vending machines using solar photovoltaic (PV) systems;
(21) Proposed addition of requirements to address the investigation of vending machines using thermoelectric chilling system technology;
(22) Proposed editorial revisions.

Single copy price: Contact comm2000 for pricing and delivery options
Obtain an electronic copy from: http://www.comm-2000.com
Order from: comm2000
Send comments (with copy to BSR) to Beth Northcott, (847) 664-3198, Eliazbeth.Northcott@us.ul.com

Call for Members (ANS Consensus Bodies)

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

AAMI (Association for the Advancement of Medical Instrumentation)

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

Contact: *Cliff Bernier*

Phone: (703) 253-8263

Fax: (703) 276-0793

E-mail: CBernier@aami.org

BSR/AAMI BF7-1989 (R201x), Blood transfusion micro-filters (reaffirmation of ANSI/AAMI BF7-1989 (R2007))

BSR/AAMI BF64-2002 (R201x), Leukocyte reduction filters (reaffirmation of ANSI/AAMI BF64-2002 (R2007))

BSR/AAMI BE83-2006 (R201x), Biological evaluation of medical devices - Part 18: Chemical characterization of materials (reaffirmation of ANSI/AAMI BE83-2006)

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 530-201x, Rating of Sound and Vibration for Refrigerant Compressors (revision of ANSI/AHRI Standard 530-201x)

AIIM (Association for Information and Image Management)

Office: 1100 Wayne Avenue, Suite 1100
Silver Spring, MD 20910

Contact: *Betsy Fanning*

Phone: (301) 755-2682

Fax: (240) 494-2682

E-mail: bfanning@aiim.org

BSR/AIIM 24-201x, Standard Recommended Practice - Strategy Markup Language - Part 3: Additional Elements (new standard)

AWPA (ASC O5) (American Wood Protection Association)

Office: P.O. Box 361784
Birmingham, AL 35236-1784

Contact: *Colin McCown*

Phone: (205) 733-4077

Fax: (205) 733-4075

E-mail: mccown@awpa.com

BSR O5.2-201x, Structural Glued Laminated Timber for Utility Structures (revision of ANSI O5.2-2006)

NEMA (National Electrical Manufacturers Association)

Office: 1300 North 17th Street, Suite 1752
Rosslyn, VA 22209

Contact: *Michael Leibowitz*

Phone: (703) 841-3264

Fax: (703) 841-3364

E-mail: mik_leibowitz@nema.org

BSR/NEMA FB 1-201x, Fittings, Cast Metal Boxes and Conduit Bodies for Conduit, Electrical Metallic Tubing and Cable (revision and redesignation of ANSI/NEMA FB-1-2010)

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Norcross, GA 30092

Contact: *Charles Bohanan*

Phone: (770) 209-7276

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 832 om-201x, Water absorption of corrugating medium: Float curl method (new standard)

BSR/TAPPI T 834 om-201x, Determination of containerboard roll hardness (new standard)

TIA (Telecommunications Industry Association)

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

Contact: *Teesha Jenkins*

Phone: (703) 907-7706

Fax: (703) 907-7727

E-mail: tjenkins@tiaonline.org

BSR/TIA 1005-A-201x, Telecommunications Infrastructure Standard for Industrial Premises (revision of ANSI/TIA 1005-2009)

UL (Underwriters Laboratories, Inc.)

Office: 333 Pfingsten Road
Northbrook, IL 60062

Contact: *Beth Northcott*

Phone: (847) 664-3198

Fax: (847) 313-3198

E-mail: Elizabeth.Northcott@us.ul.com

BSR/UL 541-201x, Standard for Safety for Refrigerated Vending Machines (revision of ANSI/UL 541-2010)

BSR/UL 2572-201x, Standard for Communication and Control Units for Mass Notification Systems (new standard)

BSR/UL 61010-1-201x, Standard for Electrical Equipment For Measurement,Control, and Laboratory Use; Part 1: General Requirements (national adoption with modifications and revision of ANSI/UL 61010-1-2008)

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.

AAMI (Association for the Advancement of Medical Instrumentation)

Addenda

ANSI/AAMI ST79-2010/A2.1-2011, Comprehensive guide to steam sterilization and sterility assurance in health care facilities (addenda to ANSI/AAMI ST79-2010): 8/8/2011

ANSI/AAMI ST79-2010/A2.2-2011, Comprehensive guide to steam sterilization and sterility assurance in health care facilities (addenda to ANSI/AAMI ST79-2010): 8/8/2011

ANSI/AAMI ST79-2010/A2.3-2011, Comprehensive guide to steam sterilization and sterility assurance in health care facilities (addenda to ANSI/AAMI ST79-2010): 8/8/2011

ABYC (American Boat and Yacht Council)

New Standards

* ANSI/ABYC E-10-2011, Storage Batteries (new standard): 7/29/2011

ANSI/ABYC H-22-2011, Electric Bilge Pump Systems (new standard): 7/29/2011

AGMA (American Gear Manufacturers Association)

New Standards

ANSI/AGMA 9110-2011, Flexible Couplings - Potential Unbalance Classification (Metric Edition) (new standard): 8/10/2011

Revisions

ANSI/AGMA 9000-2011, Flexible Couplings - Potential Unbalance Classification (revision of ANSI/AGMA 9000-C90 (R2008)): 8/10/2011

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

Revisions

ANSI/AHRI Standard 700 with Addenda 1 and 2-2011, Specification for Fluorocarbon Refrigerants (revision, redesignation and consolidation of ANSI/AHRI Standard 700-2004): 8/4/2011

AIIM (Association for Information and Image Management)

New Standards

ANSI/AIIM 22-2011, Standard Recommended Practice - Strategy Markup Language - Part 2: Performance Plans and Reports (new standard): 8/8/2011

ANS (American Nuclear Society)

Reaffirmations

ANSI/ANS 56.8-2002 (R2011), Containment System Leakage Testing Requirements (reaffirmation of ANSI/ANS 56.8-2002): 8/9/2011

ASABE (American Society of Agricultural and Biological Engineers)

Revisions

ANSI/ASAE S483.2-2011, Rotary Mower Blade Ductility Test (revision of ANSI/ASAE S483.1-NOV05 (R2011)): 8/4/2011

ASC X9 (Accredited Standards Committee X9, Incorporated)

New Standards

ANSI X9.100-30-2011, Optical Measurement Specifications for MICR Documents (new standard): 8/9/2011

ANSI X9.100-110-2011, Document Imaging Compatibility (new standard): 8/9/2011

Revisions

ANSI X9.100-20 Parts 1, 2 & 3-2011, Print and Test Specifications for Magnetic Ink Printing (revision of ANSI X9.100-20 Parts 1, 2 & 3 -2006): 8/1/2011

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

Addenda

ANSI/ASHRAE 170h-2011, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2008): 7/27/2011

ANSI/ASHRAE Addendum 34c-2011, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2007): 7/27/2011

ANSI/ASHRAE Addendum 62.2L-2011, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2010): 7/29/2011

ANSI/ASHRAE Addendum 62.2i-2011, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2010): 7/29/2011

ANSI/ASHRAE/USGBC/IES Addendum 189.1f-2011, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2009): 7/27/2011

ANSI/ASHRAE/USGBC/IES Addendum 189.1l-2011, Standard for the Design of High-Performance Green Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2009): 7/27/2011

New Standards

ANSI/ASHRAE Standard 145.2P-2011, Laboratory Test Method for Assessing the Performance of Gas-Phase Air Cleaning Systems: Air Cleaning Devices (new standard): 7/27/2011

ASME (American Society of Mechanical Engineers)

Revisions

ANSI/ASME B16.3-2011, Malleable Iron Threaded Fittings - Classes 150 and 300 (revision of ANSI/ASME B16.3-2006): 8/9/2011

ANSI/ASME B16.4-2011, Gray Iron Threaded Fittings (revision of ANSI/ASME B16.4-2006): 8/9/2011

ANSI/ASME B16.15-2011, Cast Copper Alloy Threaded Fittings (revision of ANSI/ASME B16.15-2006): 8/9/2011

ANSI/ASME B16.24-2011, Cast Copper Alloy Pipe Flanges and Flanged Fittings - Classes 150, 300, 600, 900, 1500 and 2500 (revision of ANSI/ASME B16.24-2006): 8/9/2011

ANSI/ASME B16.26-2011, Cast Copper Alloy Fittings for Flared Copper Tubes (revision of ANSI/ASME B16.26-2006): 8/9/2011

ANSI/ASME B16.42-2011, Ductile Iron Pipe Flanges and Flanged Fittings (revision of ANSI/ASME B16.42-1998 (R2006)): 8/9/2011

ASSE (American Society of Sanitary Engineering)

New Standards

* ANSI/ASSE 1032-2011, Performance Requirements for Dual Check Valve Type Backflow Preventers for Carbonated Beverage Dispensers, Post Mix Type (new standard): 8/9/2011

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

Revisions

ANSI/ASSE A10.7-2011, Safety Requirements for Transportation, Storage, Handling, and Use of Commercial Explosives and Blasting Agents (revision of ANSI/ASSE A10.7-1998 (R2005)): 8/8/2011

ASTM (ASTM International)

New Standards

ANSI/ASTM E2768-2011, Test Method for Extended Duration Surface Burning Characteristics of Building Materials (30 Minute Tunnel Test) (new standard): 7/26/2011

Reaffirmations

ANSI/ASTM E1959-2006 (R2011), Guide for Requests for Proposals Regarding Medical Transcription Services for Healthcare Institutions (reaffirmation of ANSI/ASTM E1959-2006): 7/26/2011

ANSI/ASTM E1966-2007a (R2011), Test Method for Fire-Resistive Joint Systems (reaffirmation of ANSI/ASTM E1966-2007a): 7/26/2011

ANSI/ASTM E2117-2006 (R2011), Guide for Identification and Establishment of a Quality Assurance Program for Medical Transcription (reaffirmation of ANSI/ASTM E2117-2006): 7/26/2011

ANSI/ASTM E2344-2004 (R2011), Guide for Data Capture through the Dictation Process (reaffirmation of ANSI/ASTM E2344-2004): 7/26/2011

ANSI/ASTM E2502-2006 (R2011), Guide for Medical Transcription Workstations (reaffirmation of ANSI/ASTM E2502-2006): 7/26/2011

ANSI/ASTM F707/F707M-1981 (R2011), Specification for Modular Gage Boards (reaffirmation of ANSI/ASTM F707/F707M-1981 (R2006)): 5/24/2011

ANSI/ASTM F841-84 (R2011), Specification for Thrusters, Tunnel, Permanently Installed in Marine Vessels (reaffirmation of ANSI/ASTM F841-84 (R2006)): 5/24/2011

ANSI/ASTM F885-1984 (R2011), Specification for Envelope Dimensions for Bronze Globe Valves NPS 1/4 to 2 (reaffirmation of ANSI/ASTM F885-1984 (R2006)): 5/24/2011

ANSI/ASTM F992-1986 (R2011), Specification for Valve Label Plates (reaffirmation of ANSI/ASTM F992-1986 (R2006)): 5/24/2011

ANSI/ASTM F993-1986 (R2011), Specification for Valve Locking Devices (reaffirmation of ANSI/ASTM F993-1986 (R2006)): 5/24/2011

ANSI/ASTM F994-1986 (R2011), Specification for Design and Installation of Overboard Discharge Hull Penetration Connections (reaffirmation of ANSI/ASTM F994-1986 (R2006)): 5/24/2011

ANSI/ASTM F1145-1992 (R2011), Specification for Turnbuckles, Swaged, Welded, Forged (reaffirmation of ANSI/ASTM F1145-1992 (R2001)): 5/24/2011

ANSI/ASTM F1332-1999 (R2011), Practice for Use of SI (Metric) Units in Maritime Applications (Committee F25 Supplement to IEEE/ASTM SI 10) (reaffirmation of ANSI/ASTM F1332-1999 (R2005)): 5/24/2011

ANSI/ASTM F1507-2000 (R2011), Specification for Surge Suppressors for Shipboard Use (reaffirmation of ANSI/ASTM F1507 -2000 (R2006)): 5/24/2011

ANSI/ASTM F1986-2001 (R2011), Specification for Multilayer Pipe Type 2, Compression Fittings, and Compression Joints for Hot and Cold Drinking-Water Systems (reaffirmation of ANSI/ASTM F1986 -2001 (R2006)): 8/1/2011

ANSI/ASTM F1987-2001 (R2011), Specification for Multilayer Pipe Type 2, Compression Fittings, and Compression Joints for Hydronic Heating Systems (reaffirmation of ANSI/ASTM F1987-2001 (R2006)): 8/1/2011

ANSI/ASTM F1994-2000 (R2011), Test Method for Shipboard Fixed Foam Firefighting Systems (reaffirmation of ANSI/ASTM F1994 -2000 (R2005)): 5/24/2011

ANSI/ASTM F2045-2000 (R2011), Specification for Indicators, Sight, Liquid Level, Direct and Indirect Reading, Tubular Glass/Plastic (reaffirmation of ANSI/ASTM F2045-2000 (R2006)): 5/24/2011

ANSI/ASTM F2046-2000 (R2011), Specification for Tachometers, Various (reaffirmation of ANSI/ASTM F2046-2000 (R2006)): 5/24/2011

ANSI/ASTM F2070-2001 (R2011), Specification for Transducers, Pressure and Differential, Pressure, Electrical and Fiber-Optic (reaffirmation of ANSI/ASTM F2070-2001 (R2006)): 5/24/2011

ANSI/ASTM F2071-2001 (R2011), Specification for Switch, Position Proximity Noncontact or Limit Mechanical Contact, Fiber-Optic (reaffirmation of ANSI/ASTM F2071-2001 (R2006)): 5/24/2011

ANSI/ASTM F2192-2005 (R2011), Test Method for Determining and Reporting the Berthing Energy and Reaction of Marine Fenders (reaffirmation of ANSI/ASTM F2192-2005): 5/24/2011

Revisions

ANSI/ASTM D7566-2011, Specification for Aviation Turbine Fuel Containing Synthesized Hydrocarbons (revision of ANSI/ASTM D7566-2010a): 7/26/2011

ANSI/ASTM E119-2011a, Test Methods for Fire Tests of Building Construction and Materials (revision of ANSI/ASTM E119-2010a): 7/26/2011

ANSI/ASTM E162-2011, Test Method for Surface Flammability of Materials Using a Radiant Heat Energy Source (revision of ANSI/ASTM E162-2009): 7/26/2011

ANSI/ASTM E329-2011a, Specification for Agencies Engaged in Construction Inspection Testing, or Special Inspection (revision of ANSI/ASTM E329-2011): 8/1/2011

* ANSI/ASTM F608-2011, Test Method for Evaluation of Carpet Embedded Dirt Removal Effectiveness of Household/Commercial Vacuum Cleaners (revision of ANSI/ASTM F608-2009): 5/24/2011

ANSI/ASTM F1217-2011, Specification for Cooker, Steam (revision of ANSI/ASTM F1217-2010): 7/26/2011

* ANSI/ASTM F1411-2011, Practice for Presenting Selected Information on Vacuum Cleaners for Consumer Use (revision of ANSI/ASTM F1411-2001 (R2006)): 5/24/2011

ANSI/ASTM F1473-2011, Test Method for Notch Tensile Test to Measure the Resistance to Slow Crack Growth of Polyethylene Pipes and Resins (revision of ANSI/ASTM F1473-2007): 5/24/2011

ANSI/ASTM F1511-2011, Specification for Mechanical Seals for Shipboard Pump Applications (revision of ANSI/ASTM F1511-2009): 5/24/2011

ANSI/ASTM F1962-2011, Guide for Use of Maxi-Horizontal Directional Drilling for Placement of Polyethylene Pipe or Conduit Under Obstacles, Including River Crossings (revision of ANSI/ASTM F1962 -2005): 5/24/2011

ANSI/ASTM F2756-2011, Test Method for Test Method for Determining Energy Consumption of Vacuum Cleaners (revision of ANSI/ASTM F2756-2009): 6/1/2011

Withdrawals

ANSI/ASTM E1472-2005, Guide for Documenting Computer Software for Fire Models (withdrawal of ANSI/ASTM E1472-2005): 7/26/2011

ANSI/ASTM E1895-2004, Guide for Determining Uses and Limitations of Deterministic Fire Models (withdrawal of ANSI/ASTM E1895 -2004): 7/26/2011

ANSI/ASTM E2405-2005, Test Method for Determination of Fire and Thermal Parameters of Materials Using an Intermediate Scale Test with Vertically Oriented Specimen (withdrawal of ANSI/ASTM E2405 -2005): 7/26/2011

ATIS (Alliance for Telecommunications Industry Solutions)

Revisions

ANSI ATIS 0100523-2011, Telecom Glossary 2011 (revision of ANSI ATIS 0100523-2007): 8/4/2011

AWS (American Welding Society)

Revisions

ANSI/AWS A5.14/A5.14M:2011, Specification for Nickel and Nickel-Alloy Bare Welding Electrodes and Rods (revision of ANSI/AWS A5.14/A5.14M-2008): 8/9/2011

AWWA (American Water Works Association)

Revisions

ANSI/AWWA C153/A21.53-2011, Ductile-Iron Compact Fittings (revision of ANSI/AWWA C153/A21.53-2006): 8/8/2011

ANSI/AWWA D130-2011, Geomembrane Materials for Potable Water Applications (formerly Flexible-Membrane Materials for Potable Water Applications) (revision of ANSI/AWWA D130-2002): 8/9/2011

BHMA (Builders Hardware Manufacturers Association)

Revisions

* ANSI/BHMA A156.10-2011, Power Operated Pedestrian Doors (revision of ANSI/BHMA A156.10-2005): 8/2/2011

EOS/ESD (ESD Association, Inc.)

Revisions

ANSI/ESDA/JEDEC JS-001-2011, ESDA/JEDEC Joint Standard for Electrostatic Discharge Sensitivity Testing - Human Body Model (HBM) - Component Level (revision of ANSI/ESDA/JEDEC J-STD -001-2010): 8/8/2011

HI (Hydraulic Institute)

Revisions

ANSI/HI 11.6-2011, Submersible Pump Tests (revision of ANSI/HI 11.6 - 2002): 8/4/2011

ANSI/HI 14.6-2011, Rotodynamic Pumps - Hydraulic Performance Acceptance Tests (revision, redesignation and consolidation of ANSI/HI 1.6-2000 and ANSI/HI 2.6-2000): 8/9/2011

HPS (ASC N43) (Health Physics Society)

New Standards

ANSI N43.14-2011, Radiation Safety for Active Interrogation Systems for Security Screening of Cargo, Energies Up to 100 MeV (new standard): 8/4/2011

IEEE (Institute of Electrical and Electronics Engineers)

New Standards

ANSI/IEEE 1473-2010, Standard for Communications Protocol Aboard Passenger Trains (new standard): 8/8/2011

ANSI/IEEE 1676-2010, Guide for Control Architecture for High Power Electronics (1 MW and Greater) Used in Electric Power Transmission and Distribution Systems (new standard): 8/8/2011

ANSI/IEEE 1900.6-2011, Standard for Spectrum Sensing Interfaces and Data Structures for Dynamic Spectrum Access and Other Advanced Radio Communication Systems (new standard): 8/4/2011

ANSI/IEEE C37.017-2010, Standard for Bushings for High Voltage (Over 1000 Volts AC) Circuit Breakers and Gas Insulated Switchgear (new standard): 8/3/2011

ANSI/IEEE C57.12.10-2010, Standard Requirements for Liquid-Immersed Power Transformers (new standard): 8/4/2011

Reaffirmations

ANSI/IEEE C37.93-2004 (R2010), Guide for Power System Protective Relay Applications of Audio Tones Over Voice Grade Channels (reaffirmation of ANSI/IEEE C37.93-2004): 8/2/2011

Supplements

ANSI/IEEE 802.11u-2011, LAN/MAN - Specific Requirements - Part II: Wireless LAN Medium Access Control (MAC) and Physical Layer (PHY) Specifications - Amendment: IEEE 802.11 Interworking with External Networks (supplement to ANSI/IEEE 802.11-2007): 8/4/2011

ISA (ISA)

Withdrawals

ANSI/ISA 92.02.01, Part 1-1998, Performance Requirements for Carbon Monoxide Detection Instruments (50-1000 ppm Full Scale) (withdrawal of ANSI/ISA 92.02.01, Part 1-1998 (R2007)): 8/9/2011

LEO (Leonardo Academy, Inc.)

New Standards

ANSI/LEO 5000-2011, Standard for Emissions Inventories, Offsets and Reduction Credits (new standard): 8/9/2011

NCPDP (National Council for Prescription Drug Programs)

Revisions

ANSI/NCPDP SC 2011071-2011, NCPDP SCRIPT Standard 2011071 (revision and redesignation of ANSI/NCPDP SC 2010121-2011): 8/4/2011

ANSI/NCPDP TC vD.7-2011, NCPDP Telecommunication Standard vD.7 (revision and redesignation of ANSI/NCPDP TC vD.6-2011): 8/9/2011

NEMA (ASC C78) (National Electrical Manufacturers Association)

Revisions

ANSI C78.21-2011, Electric Lamps - PAR and R Shapes (revision of ANSI C78.21-2003 (R2007)): 8/9/2011

ANSI C78.40-2011, Specifications for Mercury Lamps (revision of ANSI C78.40-1992 (R2008) and ANSI C78.40a-1998 (R2008)): 8/9/2011

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

New National Adoptions

ANSI B65-3-2011, Graphic technology - Safety requirements for graphic technology equipment and systems - Part 3: Binding and finishing equipment and systems (national adoption with modifications and revision of ANSI B65.2-2005): 7/29/2011

NSF (NSF International)

Revisions

ANSI/NSF 305-2011 (i5), Personal Care Products Containing Organic Ingredients (revision of ANSI/NSF 305-2009): 4/17/2011

OEOSC (ASC OP) (Optics and Electro-Optics Standards Council)

New National Adoptions

ANSI/OEOSC OP1.0110-1-2011, Optics and Electro-Optical Instruments - Preparation of drawings for optical elements and systems - Part 1: General (national adoption with modifications of ISO 10110-1:2006): 8/8/2011

SCTE (Society of Cable Telecommunications Engineers)

Revisions

ANSI/SCTE 48-3-2011, Test Procedure for Measuring Shielding Effectiveness of Braided Coaxial Drop Cable Using the GTEM Cell (revision of ANSI/SCTE 48-3-2004): 8/9/2011

TIA (Telecommunications Industry Association)

Revisions

ANSI/TIA 678-B-2011, Data Transmission Systems and Equipment - Serial Asynchronous Automatic Dialing and Control for Character Mode DCE on Wireless Data Services (revision and redesignation of ANSI/TIA 678-A-2004): 8/9/2011

ANSI/TIA 921-B-2011, Network Model for Evaluating Multimedia Transmission Performance Over the Internet Protocol (revision of ANSI/TIA 921-A-2008): 8/9/2011

UL (Underwriters Laboratories, Inc.)

New National Adoptions

ANSI/UL 60335-2-24-2006 (R2011), Standard for Safety for Household and Similar Electrical Appliances - Part 2: Particular Requirements for Refrigerating Appliances, Ice-Cream Appliances and Ice-Makers (national adoption with modifications of IEC 60335-2-24 Sixth Edition): 8/1/2011

New Standards

ANSI/UL 150-2011, Standard for Safety for Antenna Rotators (new standard): 7/28/2011

Reaffirmations

ANSI/UL 752-2006 (R2011), Standard for Safety for Bullet-Resisting Equipment (Proposal dated 5/13/11) (reaffirmation of ANSI/UL 752-2006): 7/28/2011

ANSI/UL 972-2006 (R2011), Standard for Safety for Burglary Resisting Glazing Material (Proposal dated 5/13/11) (reaffirmation of ANSI/UL 972-2006): 7/28/2011

ANSI/UL 1709-2007 (R2011), Rapid Rise Fire Tests of Protection Materials for Structural Steel (reaffirmation of ANSI/UL 1709-2007): 8/3/2011

Revisions

* ANSI/UL 217-2011, Standard for Safety for Single and Multiple Station Smoke Alarms (revision of ANSI/UL 217-2010): 7/28/2011

* ANSI/UL 217-2011a, Standard for Safety for Single and Multiple Station Smoke Alarms (revision of ANSI/UL 217-2010): 7/28/2011

* ANSI/UL 867-2011, Electrostatic Air Cleaners (revision of ANSI/UL 867-2007): 8/4/2011

* ANSI/UL 867-2011A, Electrostatic Air Cleaners (revision of ANSI/UL 867-2007): 8/4/2011

ANSI/UL 1447-2011, Standard for Safety for Electric Lawn Mowers (revision of ANSI/UL 1447-2008): 7/29/2011

ANSI/UL 2438-2011, Standard for Safety for Outdoor Seasonal-Use Cord-Connected Wiring Devices (revision of ANSI/UL 2438-2009): 8/2/2011

Project Initiation Notification System (PINS)

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

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

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

ADA (American Dental Association)

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BSR/ADA Specification No. 130-201x, Dentifrices - Requirements, Test Methods and Marking (identical national adoption of ISO 11609:2010)

Stakeholders: Consumers, manufacturers.

Project Need: There is currently no national standard for dentifrices produced and sold in the USA.

Specifies requirements for the physical and chemical properties of dentifrices and provides guidelines for suitable test methods. It also specifies requirements for the marking, labeling and packaging of dentifrices. This Standard applies to dentifrices, including toothpastes, destined to be used by the public on a daily basis with a toothbrush to promote oral hygiene.

AIIM (Association for Information and Image Management)

Office: 1100 Wayne Avenue, Suite 1100
Silver Spring, MD 20910
Contact: *Betsy Fanning*
Fax: (240) 494-2682
E-mail: bfanning@aiim.org

BSR/AIIM 24-201x, Standard Recommended Practice - Strategy Markup Language - Part 3: Additional Elements (new standard)

Stakeholders: Users of the Strategy Markup Language (StratML).

Project Need: To enable U.S. federal agencies to comply with the requirements of the GPRA Modernization Act (GMA) in accordance with an open data standard and to extend to other organizations, on a voluntary basis, the benefits of the good practices set forth in that legislation.

Specifies an Extensible Markup Language (XML) vocabulary and schema (XSD) for additional elements worthy of inclusion in strategic and/or performance plans and reports, beyond the core elements specified in StratML Parts 1 and 2. As with the first two parts, care will be taken to avoid making Part 3 too complex to be efficiently and effectively implemented. However, increased risk associated with additional complexity can be accepted in the specification of Part 3 in light of the fact that Parts 1 and 2 have been adopted and will remain effective, regardless of what may or may not occur with Part 3.

ASTM (ASTM International)

Office: 100 Barr Harbor Drive
West Conshohocken, PA 19428-2959
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E-mail: jrichard@astm.org

BSR/ASTM WK25531-201x, New Practice for Control of Respiratory Health Hazards in the Wet Metal Removal Fluid Environment (new standard)

Stakeholders: Health and safety standards for metal working fluids industry.

Project Need: To set forth guidelines to control respiratory health hazards in the wet metal removal environment.

http: //www.astm.org/DATABASE.CART/WORKITEMS/WK25531.htm

AWPA (ASC O5) (American Wood Protection Association)

Office: P.O. Box 361784
Birmingham, AL 35236-1784
Contact: *Colin McCown*
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E-mail: mccown@awpa.com

BSR O5.2-201x, Structural Glued Laminated Timber for Utility Structures (revision of ANSI O5.2-2006)

Stakeholders: Electric and communications utilities and laminated wood product manufacturers.

Project Need: To provide a general technical review and to update an existing American National Standard.

Covers requirements for manufacturing and quality control of structural glued laminated timber of Southern Pine, Coastal Douglas-Fir, Hem-Fir and other species of similar treatability for electric power and communication structures. The requirements are based on those in American National Standard for Structural Glued Laminated Timber, ANSI/AITC A190.1. This standard is supplemental to ANSI/AITC A190.1 and provides descriptions of the special manufacturing and design requirements for glued laminated utility structures.

CSA (CSA America, Inc.)

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E-mail: cathy.rake@csa-america.org

* BSR Z21.10.3a-201x, Gas Water Heaters, Vol. III, Storage Water Heaters With Input Ratings Above 75,000 Btu Per Hour, Circulating and Instantaneous (same as CSA 4.3a) (addenda to ANSI Z21.10.3 -2011)

Stakeholders: Consumers, manufacturers, gas suppliers, certifying agencies.

Project Need: To revise this standard for safety.

Applies to large automatic storage water heaters having input ratings above 75,000 Btu/hr (21 980 W), instantaneous water heaters, circulating water heaters including booster water heaters, for use with natural gas, manufactured gas, mixed gas, liquefied petroleum gases, and LP gas-air mixtures.

IEEE (Institute of Electrical and Electronics Engineers)

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Piscataway, NJ 08854
Contact: *Lisa Yacone*
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E-mail: l.yacone@ieee.org

BSR/IEEE 57.139-201x, Guide for Dissolved Gas Analysis in Transformer Load Tap Changers (new standard)

Stakeholders: Users.

Project Need: There were no industry guidelines to support user's trending of DGA data for load tap changers until this Guide was published in February 2011.

Discusses and recommends methods of testing and evaluating dissolved gases in mineral-based transformer oils found in Load Tap Changers (LTCs). General types of LTC mechanisms, breathing configurations, and electrical design are included for evaluation criteria in determining when mechanical damage or failure has occurred. Dissolved Gas Analysis (DGA) of the oil in the LTC is required. This guide is not manufacturer specific, rather category specific.

BSR/IEEE 463-201x, Standard for Electrical Safety Practices in Electrolytic Cell Line Working Zones (revision of ANSI/IEEE 463 -2006)

Stakeholders: Manufacturers who use electrolytic cells in their manufacturing process.

Project Need: This standard is used by all of industry who operate DC cells in the production of aluminum, cadmium, chlorate, chlorine, fluorine, hydrogen peroxide, magnesium, sodium, and zinc.

Covers means of improved safeguarding of personnel while operating or maintaining equipment located in electrolytic cell-line working zones. Included are related requirements for equipment and electrical conductor installations. The general types of electrolytic cells covered include, but are not limited to, the direct current (dc) cells used in the production of aluminum, cadmium, sodium chlorate, chlorine, copper, fluorine, hydrogen peroxide, magnesium, sodium, and zinc.

BSR/IEEE 802.3.1-201x, Standard for Management Information Base (MIB) definitions for Ethernet (new standard)

Stakeholders: Ethernet network component suppliers, system suppliers, network management software suppliers.

Project Need: Ethernet network administrators need standard specifications for MIB modules so that different devices on their networks can be managed in a consistent fashion. Several amendments to IEEE Std 802.3 have been approved recently, and MIB modules specified in IEEE Std 802.3.1 must be updated to reflect these amendments.

Contains the Management Information Base (MIB) module specifications for IEEE Std 802.3,also known as Ethernet. This standard includes Structure of Management Information version 2 (SMIv2) MIB module specifications and Guidelines for the Definition of Managed Objects (GDMO) MIB modules. The SMIv2 MIB modules are intended for use with the Simple Network Management Protocol (SNMP), commonly used to manage Ethernet.

BSR/IEEE 1415-201x, Guide for Induction Machinery Maintenance Testing and Failure Analysis (new standard)

Stakeholders: Producers (manufacturers), users (owners), and individuals with General Interest in induction machinery.

Project Need: Based on comments provided from users of the standard that have been preliminarily evaluated and found to have merit, the need for the Working Group is to review the following clauses: 4.3.20 Phase angle, 4.3.21 Phase balance, 4.3.33 Variable frequency.

Provides maintenance testing and failure analysis guidance for form-wound, squirrel cage, induction machinery rated up to 15 kV. The guide addresses the following machine systems:
- Stator (winding and core);
- Rotor (winding and core);
- Vibration and noise;
- Bearings and shafts;
- Structure, frame;
- Ventilation; and
- Accessories.

BSR/IEEE 1505.3-201x, Standard for the Universal Test Interface Framework and Pin Configuration for Portable/Bench Top Test Requirements Utilizing IEEE 1505 Receiver Fixture Interface Standard (new standard)

Stakeholders: Commercial, military, and aerospace owners and suppliers of portable and benchtop ATE Systems.

Project Need: There is no current standard (formal or de facto) standard that defines a universal framework and pin configuration focused on portable and/or benchtop test systems.

Defines a universal framework/footprint and pin configuration utilizing IEEE 1505 Receiver-Fixture Interface (RFI) framework and connector specifications for portable and bench-top test applications. The pin configuration defined within this standard shall apply to commercial, aerospace, and military Automatic Test Equipment (ATE) testing applications.

BSR/IEEE 1671.0-201x, Guide for the Use of Automatic Test Equipment Markup Language (ATML); the IEEE-1671 Family of Standards (new standard)

Stakeholders: Avionics, military, and commercial equipment manufacturers and maintainers in the electronics test industry.

Project Need: The IEEE-1671 family of Standards provides a new and more rigorous method of describing automatic test system information. Users require guidance to implement these standards. This document provides that guidance by showing (using examples) how the standards may be implemented in several environments.

Provides application information and guidance for users who design, develop, implement, and support Automatic Test Systems (ATS) and/or ATS-related software tools by explaining how automatic test system information may be implemented in conformance with ATML (the IEEE -1671 family of standards). The guide also provides background information, tutorial support, and examples for users of ATML.

BSR/IEEE 1871.1-201x, Recommended Practice for Using IEEE 1671.2 Instrument Description Templates for Describing Synthetic Instrumentation for Classes of Instruments Such as Waveform Generators, Digitizers, External Oscillators, and Up & Down Converters (new standard)

Stakeholders: Automotive, semiconductor, aerospace, and military industries.

Project Need: To inform users how to describe their synthetic instruments in an interchangeable format using IEEE 1671.2 Instrument Description.

Provides Instrument Description templates, compliant with IEEE 1671.2, that providers of synthetic instruments should use to describe waveform generators, digitizers, external local oscillators, and up-and-down converter.

BSR/IEEE 1871.2-201x, Recommended Practice for IEEE 1671 Test Equipment Templates and Extension Classes for Describing Intrinsic Signal Path Information for Cables, Interface Adaptors and Test Equipment (new standard)

Stakeholders: Test station integrators, software and development environment producers, application developers.

Project Need: To inform users how to describe their signal path implementations using the IEEE 1671 series of Automatic Test Markup Language (ATML) standards.

Provides a recommended practice for using IEEE-1671-compliant test equipment templates for applications employing intrinsic path information for cables, interface adaptors, and test equipment for the purpose of documenting and enabling programmatic access to the intrinsic characteristics of path-related resources found in automated test systems.

BSR/IEEE C37.13a-201x, Standard for Low-Voltage AC Power Circuit Breakers Used in Enclosures - Amendment 1: Increase of Voltages to 1000 V AC and Below (addenda to ANSI/IEEE C37.13-2008)

Stakeholders: Users, manufacturers, purchasers, and those performing maintenance on low-voltage power circuit breakers.

Project Need: To conform to current applications and circuit breakers, which are have voltages above 635 V AC, this amendment provides revisions to the title, scope, and application sections to increase the voltage rating to 1000 V AC and below.

BSR/IEEE C37.63-201x, Standard Requirements for Overhead, Pad-Mounted, Dry-Vault, and Submersible Automatic Line Sectionalizers for Alternating Current Systems Up to 38 kV (revision of ANSI/IEEE C37.63-2005)

Stakeholders: Manufacturers and users of switchgear equipment.

Project Need: To update this standard to reflect latest technology, to correct any technical errors identified in previous revision, and to incorporate C37.100.1 as a referenced standard.

Applies to all overhead, pad-mounted, dry-vault, and submersible single-pole or multipole alternating-current automatic line sectionalizers for rated maximum voltages above 1 kV and up to 38 kV. Voltages above 38 kV shall be considered special applications. In order to simplify the terminology in this standard, the term “sectionalizer” has been substituted for “automatic line sectionalizer” wherever possible.

BSR/IEEE C50.13-201x, Standard for Cylindrical-Rotor 50 Hz and 60 Hz Synchronous Generators Rated 10 MVA and Above (revision of ANSI/IEEE C50.13-2005)

Stakeholders: Utility, generator owners and manufacturers.

Project Need: To update the document to current industry standards and criteria, to harmonize this document with IEC 60034-1 and 60034-3, where possible, to correct editorial and grammatical errors, and to make improvements based on the latest feedback.

Applies to all 50-Hz and 60-Hz, two-pole and four-pole, cylindrical-rotor synchronous generators driven by steam turbines and/or by combustion gas turbines. The drive may be direct or through a gearbox or other device that permits different speeds for the turbine and the generator. The generators covered by this standard are to have rated outputs of 10 MVA and above.

BSR/IEEE C57.12.00-201x, Standard for General Requirements for Liquid-Immersed Distribution, Power, and Regulating Transformers (revision of ANSI/IEEE C57.12.00-2011)

Stakeholders: Manufacturers and users of liquid-filled distribution and power transformers and their ancillary equipment.

Project Need: Continuous revision. This standard is being revised to include technical changes to the document, which have been proposed by various technical working groups and subcommittees within the PES Transformers Committee.

Describes electrical and mechanical requirements of liquid-immersed distribution and power transformers, and autotransformers and regulating transformers, single-phase and polyphase, with voltages of 601 V or higher in the highest voltage winding. This standard applies to all liquid-immersed distribution, power, and regulating transformers that do not belong to the following types of apparatus:
(a) Instrument transformers;
(b) Step voltage and induction voltage regulators;
(c) Arc furnace transformers;
(d) Rectifier transformers;
(e) Specialty transformers;
(f) Grounding transformers;
(g) Mobile transformers; and
(h) Mine transformers.

BSR/IEEE C57.12.90-201x, Standard Test Code for Liquid-Immersed Distribution, Power, and Regulating Transformers (revision of ANSI/IEEE C57.12.90-2010)

Stakeholders: Transformer suppliers and users.

Project Need: This is one of the two main transformer standards, which are both under continuous revision.

Describes methods for performing tests specified in IEEE Std C57.12.00 and other standards applicable to liquid-immersed distribution, power, and regulating transformers. This standard is intended for use as a basis for performance and proper testing of such transformers.

BSR/IEEE C57.19.04-201x, Standard Performance Characteristics and Dimensions for High Current Power Transformer Bushings with Rated Continuous Current in Excess of 5000 A in Bus Enclosures (new standard)

Stakeholders: Bushing manufacturers, transformer manufacturers, utilities.

Project Need: The current standards do not include the high current bushings typical of GSU transformer low voltage (LV) bushings.

Covers the electrical, dimensional, and related special requirements for high current rating power transformer bushings within bus enclosures that have rated continuous current in excess of 5000 A. Bushings covered by this standard are intended for use as components of liquid-filled transformers, including but not limited to Generator Step-Up (GSU) Transformers.

BSR/IEEE C57.156-201x, Guide for Tank Rupture Mitigation of Liquid-Immersed Power Transformers and Reactors (new standard)

Stakeholders: Transformer users and manufacturers.

Project Need: There is a need to describe the present state of knowledge of tank rupture prevention.

Describes measures that may be taken to help mitigate tank rupture of energized liquid-immersed power transformers and reactors due to internal electrical faults. This guide does not cover the release of oil or oil mist due to failure of the following components: load tap changer compartments, bushings and their turrets, conservator tank, piping, valves, pumps, and radiators.

NECA (National Electrical Contractors Association)

Office: 3 Bethesda Metro Center
Suite 1100
Bethesda, MD 20814
Contact: *Michael Johnston*
Fax: (301) 215-4500
E-mail: am2@necanet.org

* BSR/NECA 430-2006 (R201x), Standard for Installing Medium-Voltage Metal-Clad Switchgear (reaffirmation of ANSI/NECA 430-2006)

Stakeholders: Electrical contractors, specifiers, electrical workers, inspectors, building owners, maintenance engineers.

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

Describes site preparation and installation of medium-voltage metal-clad switchgear rated 5 kV and 15 kV AC.

NEMA (National Electrical Manufacturers Association)

Office: 1300 North 17th Street, Suite 1752
Rosslyn, VA 22209
Contact: *Michael Leibowitz*
Fax: (703) 841-3364
E-mail: mik_leibowitz@nema.org

* BSR/NEMA FB 1-201x, Fittings, Cast Metal Boxes and Conduit Bodies for Conduit, Electrical Metallic Tubing and Cable (revision and redesignation of ANSI/NEMA FB-1-2010)

Stakeholders: Manufacturers of conduit, tubing and cable fittings, electrical system design specifiers, electrical installers.

Project Need: To revise the scope to include fittings for liquidtight flexible conduits, add definitions for existing designations of expansion fittings, and provide guidance on fittings for use in nonstandard (metric) knockouts.

Covers fittings that are a part of electrical raceway systems designed for use as intended by the requirements of the National Electrical Code (R), including fittings for use with non-flexible tubular raceways (Rigid and Intermediate Metal Conduit, Electrical Metallic Tubing) and fittings for use with flexible conduit and cable raceways

PLASA (PLASA North America)

Office: 630 Ninth Avenue, Suite 609
New York, NY 10036
Contact: *Karl Ruling*
Fax: (212) 244-1502
E-mail: karl.ruling@plasa.org

BSR/E1.44-201x, Common Show File Exchange Format for Entertainment Industry Automation Control Systems - Stage Machinery (new standard)

Stakeholders: Theater managers, touring show managers, production designers, theatrical technicians.

Project Need: To create a standard method of sharing basic show file information across systems, which would simplify moving shows from venue to venue.

Defines a common show file format for the exchange of automation control data between control systems by different manufacturers. This document is for stage machinery control data.

BSR E1.8-201x, Entertainment Technology - Loudspeaker Enclosures Intended for Overhead Suspension - Classification, Manufacture and Structural Testing (revision of ANSI E1.8-2005)

Stakeholders: Speaker manufacturers, rigging equipment manufacturers, sound equipment suppliers.

Project Need: To clarify the requirements of the standard and to revisit them in light of current manufacturing technology.

Addresses the requirements for speaker enclosures intended for overhead suspension. This standard addresses only the structural characteristics relating to the suspension of the enclosure. These include enclosure construction, component part security, enclosure suspension hardware, manufacturing control systems, and structural testing.

SCTE (Society of Cable Telecommunications Engineers)

Office: 140 Philips Rd.
Exton, PA 19341
Contact: *Travis Murdock*
Fax: (610) 363-5898
E-mail: tmurdock@scte.org

BSR/SCTE 74-201x, Specification for Braided 75 Ohm Flexible RF Coaxial Drop Cable (revision of ANSI/SCTE 74-2011)

Stakeholders: Cable telecommunications industry.

Project Need: To update this standard to reflect current technology.

Applies to flexible, braided, general-purpose type 75-ohm RF coaxial drop cables and not specialty cables. There are numerous reasons to standardize drop cable, but the primary reason is for proper cable to 'F' fitting interface.

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Norcross, GA 30092
Contact: *Charles Bohanan*
Fax: (770) 446-6947
E-mail: standards@tappi.org

BSR/TAPPI T 832 om-201x, Water absorption of corrugating medium: Float curl method (new standard)

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

The water absorptivity of corrugating medium is measured by floating a specimen on the surface of a vessel of water, and determining the time for the specimen to become saturated. This method is applicable to corrugating medium as it is commercially produced by all processes. It is generally applicable to relatively unsized (water leaf) paperboards.

BSR/TAPPI T 834 om-201x, Determination of containerboard roll hardness (new standard)

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

Describes a procedure to determine the uniformity in relative hardness of rolls of containerboard. Since several devices are currently available that use significantly differing technologies to determine hardness, this method only addresses the actual measurement process and not the test equipment specifically.

UL (Underwriters Laboratories, Inc.)

Office: 12 Laboratory Drive
Research Triangle Park, NC 27709

Contact: *Betty McKay*

Fax: (919) 547-6180

E-mail: betty.c.mckay@us.ul.com

* BSR/UL 1803-201x, Standard for Safety for Factory Follow-Up on Third Party Certified Portable Fire Extinguishers (new standard)

Stakeholders: Manufacturers of portable fire extinguishers or components of portable fire extinguishers.

Project Need: To attain a nationally based standard covering the basic elements of a Third Party Certification Program for various types of portable fire extinguishers, including the following: carbon-dioxide, dry chemical, foam, halocarbon clean agent, and stored pressure water.

Covers basic elements of a Third Party Certification Program for various types of portable fire extinguishers, including the following: carbon dioxide, dry chemical, foam, halocarbon clean agent, and stored pressure water. Products covered under this program shall comply with the requirements in effect on the date of production in ANSI/UL 711 and in one of the following: ANSI/UL 8; ANSI/UL 154; ANSI/UL 299; ANSI/UL 626; or ANSI/UL 2129.

UL (Underwriters Laboratories, Inc.)

Office: 455 East Trimble Road
San Jose, CA 95131-1230

Contact: *Derrick Martin*

Fax: (408) 689-6656

E-mail: Derrick.L.Martin@us.ul.com

BSR/UL 2368-201x, Standard for Safety for Fire Exposure Testing of Intermediate Bulk Containers for Flammable and Combustible Liquids (new standard)

Stakeholders: Manufacturers and users of intermediate bulk containers for flammable and combustible liquids.

Project Need: To obtain recognition of UL 2368 as an American National Standard.

Covers intermediate bulk containers (IBCs) intended for the storage of flammable and combustible liquids within warehouses and other storage areas protected with automatic wet-pipe sprinkler systems.

American National Standards Maintained Under Continuous Maintenance

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

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

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

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

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

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

ANSI Developers Contact Information

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

AAMI
Association for the Advancement of Medical Instrumentation
4301 N Fairfax Drive
Suite 301
Arlington, VA 22203-1633
Phone: (703) 253-8284
Fax: (703) 276-0793
Web: www.aami.org

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

ADA (Organization)
American Dental Association
211 East Chicago Avenue
Chicago, IL 60611-2678
Phone: (312) 440-2509
Fax: (312) 440-2529
Web: www.ada.org

AGMA
American Gear Manufacturers Association
1001 N Fairfax Street, 5th Floor
Alexandria, VA 22314
Phone: (703) 684-0211
Fax: (703) 684-0242
Web: www.agma.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

AIIM
Association for Information and Image Management
1100 Wayne Avenue, Suite 1100
Silver Spring, MD 20910
Phone: (301) 755-2682
Fax: (240) 494-2682
Web: www.aiim.org

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

API (Organization)
American Petroleum Institute
1220 L Street, NW
Washington, DC 20005-4070
Phone: (202) 682-8135
Fax: (202) 962-4797
Web: www.api.org

ARMA
Association of Records Managers and Administrators
11880 College Boulevard, Suite 450
Overland Park, KS 66210
Phone: (913) 312-5565
Fax: (913) 341-3742
Web: www.arma.org

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

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

ASHRAE
American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
1791 Tullie Circle
Atlanta, GA 30329
Phone: (404) 636-8400
Fax: (404) 321-5478
Web: www.ashrae.org

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

ASSE (Organization)
American Society of Sanitary Engineering
901 Canterbury Road, Suite A
Westlake, OH 44145-1480
Phone: (440) 835-3040
Fax: (440) 835-3488
Web: www.asse-plumbing.org

ASSE (Safety)
American Society of Safety Engineers
1800 East Oakton Street
Des Plaines, IL 60018-2187
Phone: (847) 768-3411
Fax: (847) 296-9221
Web: www.asse.org

ASTM
ASTM International
100 Barr Harbor Drive
West Conshohocken, PA 19428-2959
Phone: (610) 832-9743
Fax: (610) 834-3655
Web: www.astm.org

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

AWPA (ASC O5)
ASC O5
P.O. Box 361784
Birmingham, AL 35236-1784
Phone: (205) 733-4077
Fax: (205) 733-4075
Web: www.awpa.com/

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

AWWA
American Water Works Association
6666 W. Quincy Ave.
Denver, CO 80235
Phone: (303) 347-6178
Fax: (303) 795-6303
Web: www.awwa.org

BHMA
Builders Hardware Manufacturers Association
355 Lexington Ave.
15th Floor
New York, NY 10017-6603
Phone: (212) 297-2122
Fax: (212) 370-9047
Web: www.buildershardware.com/

CLSI
Clinical and Laboratory Standards Institute (formerly NCCLS)
940 West Valley Road, Suite 1400
Wayne, PA 19087
Phone: (610) 688-0100
Fax: (610) 688-0700
Web: www.clsi.org

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

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

HI
Hydraulic Institute
6 Campus Drive, 1st Fl North
Parsippany, NJ 07054
Phone: (973) 267-9700
Fax: (973) 267-9055
Web: www.pumps.org

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

IEEE
Institute of Electrical and Electronics Engineers (IEEE)
445 Hoes Lane
Piscataway, NJ 08854
Phone: (732) 562-3854
Fax: (732) 796-6966
Web: www.ieee.org

ISA (ASC Z133)
International Society of Arboriculture

2101 West Park Court
PO Box 3129
Champaign, IL 61826-3129
Phone: (217) 531-2874
Fax: (217) 355 9516
Web: www.isa-arbor.com

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

67 Alexander Drive
Research Triangle Park, NC 27709
Phone: (919) 990-9228
Fax: (919) 549-8288
Web: www.isa.org

LEO
Leonardo Academy, Inc.

328 E. Lakeside St. Suite 201
Madison, WI 53715
Phone: (608) 280-0255
Fax: (608) 255-7202
Web: www.leonardoacademy.org

MHI
Material Handling Industry

8720 Red Oak Blvd., Suite 201
Charlotte, NC 28217-3992
Phone: (704) 676-1190
Fax: (704) 676-1199
Web: www.mhia.org

NCPDP
National Council for Prescription Drug Programs

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

NECA
National Electrical Contractors Association

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

NEMA (ASC C78)
National Electrical Manufacturers Association

1300 North 17th Street, Suite 1847
Rosslyn, VA 22209
Phone: (703) 841-3277
Fax: (703) 841-3377
Web: www.nema.org

NEMA (ASC C81)
National Electrical Manufacturers Association

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

NEMA (Canvass)
National Electrical Manufacturers Association

1300 North 17th Street, Suite 1752
Rosslyn, VA 22209
Phone: (703) 841-3264
Fax: (703) 841-3364
Web: www.nema.org

NPES (ASC CGATS)
NPES

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

NSF
NSF International

789 N. Dixboro Road
Ann Arbor, MI 48105
Phone: (734) 769-5159
Fax: (734) 827-6176
Web: www.nsf.org

OEOSC (ASC OP)
Optics and Electro-Optics Standards Council

P.O. Box 25705
Rochester, NY 14625-0705
Phone: (585) 217-2491
Fax: (585) 377-2540
Web: www.optstd.org/index.htm

PLASA
PLASA North America

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

SCTE
Society of Cable Telecommunications Engineers

140 Philips Rd.
Exton, PA 19341
Phone: (610) 594-7308
Fax: (610) 363-5898
Web: www.scte.org

TAPPI
Technical Association of the Pulp and Paper Industry

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

TIA
Telecommunications Industry Association

2500 Wilson Blvd.
Suite 300
Arlington, VA 22201
Phone: (703) 907-7706
Fax: (703) 907-7727
Web: www.tiaonline.org

UL
Underwriters Laboratories, Inc.

333 Pfingsten Road
Northbrook, IL 60062-2096
Phone: (847) 664-3038
Fax: (847) 313-3038
Web: www.ul.com/

ISO Draft International Standards

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

Comments

Comments regarding ISO documents should be sent to Karen Hughes, at ANSI's New York offices (isot@ansi.org). The final date for offering comments is listed after each draft.

Ordering Instructions

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

PHOTOGRAPHY (TC 42)

ISO/DIS 12234-1, Electronic still-picture imaging - Removable memory - Part 1: Basic removable-memory model - 11/10/2011, $102.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 17568, Information technology - Telecommunications and information exchange between systems - Close proximity electric induction wireless communications - 11/9/2011, $155.00

ISO/IEC DIS 17569, Information technology - Telecommunications and information exchange between systems - Procedure for the registration of assigned numbers for ISO/IEC 17568 - 11/9/2011, $33.00

ISO/IEC DIS 2382-37, Information technology - Vocabulary - Part 37: Harmonized biometric vocabulary - 11/9/2011, $82.00

ISO/IEC DIS 29109-5, Information technology - Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794 - Part 5: Face image data - 11/9/2011, $88.00

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

FMI Medical Systems, Inc.

Public Review: July 22 to October 14, 2011

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

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

Proposed Foreign Government Regulations

Call for Comment

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

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

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

Information Concerning

American National Standards

INCITS Executive Board

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

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

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

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

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

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

Call for Members

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

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

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

ANSI Accredited Standards Developers

Application for Accreditation

Residential Energy Services Network, Inc. (RESNET)

Comment Deadline: September 12, 2011

The Residential Energy Services Network, Inc. (RESNET) has submitted an application for accreditation as an ANSI Accredited Standards Developer and proposed operating procedures for documenting consensus on proposed American National Standards. RESNET's proposed scope of standards activity is as follows:

> To develop and maintain a series of performance based residential and commercial energy rating and audit standards to determine the energy performance of a home or building and the associated standards for the performance improvements of the home or building, guidelines, standard practices, and other related standards.

To obtain a copy of RESNET's proposed operating procedures, or to offer comments, please contact: Mr. Steve Baden, Executive Director, Residential Energy Services Network, Inc., P.O. Box 4561, Oceanside, CA 92052-4561; PHONE: (760) 408-5860; FAX: (760) 806-9449; E-mail: sbaden@resnet.us. Please submit your comments to RESNET by September 12, 2011, with a copy to the Recording Secretary, ExSC in ANSI's New York Office (facsimile: 212.840.2298; E-mail: Jthompso@ANSI.org). As the proposed procedures are available electronically, the public review period is 30 days. You may view or download a copy of RESNET'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 Reaccreditations

Leonardo Academy

ANSI's Executive Standards Council has approved the reaccreditation of the Leonardo Academy, a full ANSI Organizational Member, under its recently revised operating procedures for documenting consensus on proposed American National Standards, effective August 9, 2011. For additional information, please contact: Mr. Michael Arny, President, Leonardo Academy, P.O. Box 5425, Madison, WI 53705; PHONE: (608) 280-0255; E-mail: MichaelArny@leonardoacademy.org.

National Fire Protection Association (NFPA)

ANSI's Executive Standards Council has approved the reaccreditation of the National Fire Protection Association (NFPA), a full ANSI Organizational Member, under its recently revised NFPA Regulations Governing Committee Projects and under its newly redesigned Regulations Governing the Development of NFPA Standards for implementation with the 2013 revision cycle, effective August 10, 2011. For additional information, please contact: Ms. Amy Beasley Cronin, Division Manager, Codes & Standards Administration, NFPA, One Batterymarch Park, Quincy, MA 20169-7471; PHONE: (617) 984-7241; FAX: (617) 770-3500; E-mail: acronin@nfpa.org.

ANSI-ASQ National Accreditation Board (ANAB)

ISO 13485 Medical Devices Quality Management Systems

Application for Accreditation

Certification Body

Global Certification Limited T/A GlobalGROUP

Comment Deadline: September 11, 2011

Global Certification Limited T/A GlobalGROUP, Solihull, United Kingdom, has applied for accreditation under the ANSI-ASQ National Accreditation Board for Certification Bodies of ISO 13485 Medical Devices Quality Management Systems.

Comments on the application of the above certification body are solicited from interested parties. Please send your comments by September 11, 2011, to Lane Hallenbeck, Vice-President, Accreditation Services, American National Standards Institute, 1899 L Street NW, 11th Floor, Washington, DC 20036, fax 202-293-9287, or e-mail lhallenb@ansi.org.

Public Comments Sought

Draft ANAB Accreditation Rule E, Accreditation Program for ISO 50001 Energy Management Systems (EnMS)

Comment Deadline: September 11, 2011

Public comments are sought on draft ANAB Accreditation Rule E, Accreditation Program for ISO 50001 Energy Management Systems (EnMS). Interested parties are invited to login to EQM at http://anab.remoteauditor.com/ to download the document and comment on public ballot 966. Public comments are also sought on draft ANAB Accreditation Rule S, Accreditation Program for ISO 50001 Energy Management Systems plus Superior Energy Performance (SEP). Interested parties are invited to login to EQM at http://anab.remoteauditor.com/ to download the document and comment on public ballot 967. (Note: A username and password are required. If you do not have a username and password for EQM, go to http://www.anab.org/UserRegistration/WebBallotUsers_Registration.aspx.) Please submit your comments no later than September 11, 2011.

International Organization for Standardization

Call for US/TAG and US/TAG Administrator

ISO/TC 263 – Coalbed methane (CBM)

A new ISO Technical Committee ISO/TC 263 on Coalbed methane (CBM) has been formed. ANSI is calling for interest in forming a US/TAG for ISO/TC 263 and an organization who would like to serve as US/TAG Administrator. The scope of ISO/TC 263 is as follows:

> Standardization in the field of CBM industry, including CBM exploration, development, production and utilization.

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

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

Public Review Draft

ASHRAE® Standard

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

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

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

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

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FOREWORD

This allows the inclusion of the R-value of an air space in enclosed cavities with or without insulation when calculating the total R-value of assemblies. This is consistent with what is allowed in Chapter 26 of the 2009 Handbook of Fundamentals.

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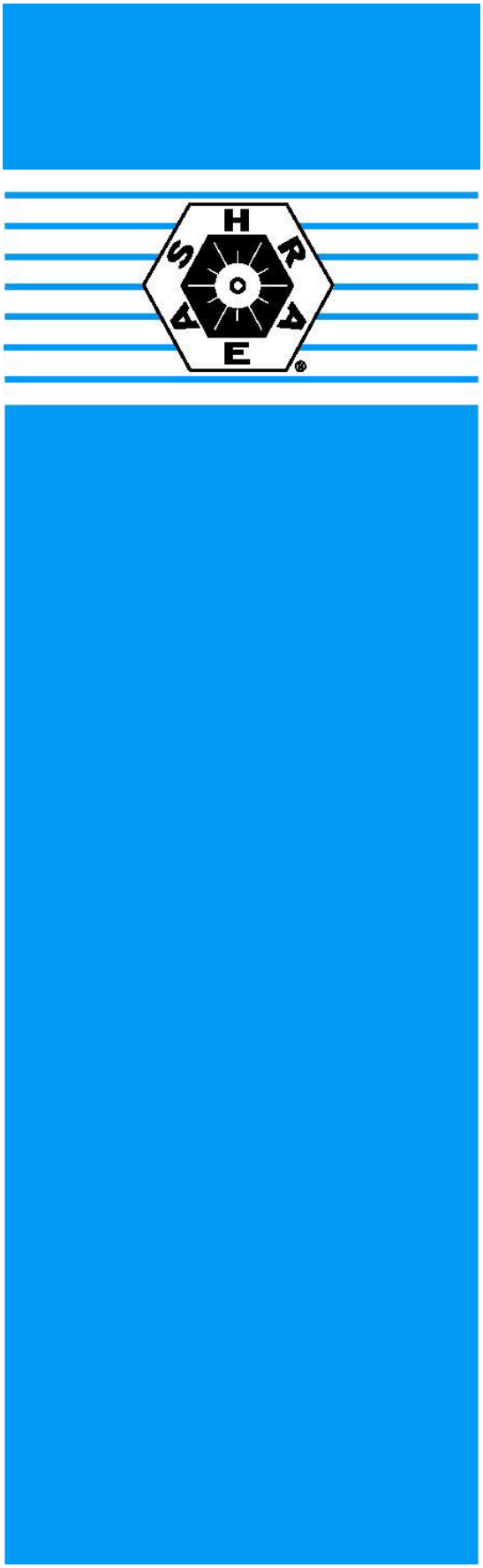
Addendum ac to 90.1-2010

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

Modify A9.4.1.3

A9.4.1.3 Interior surfaces are surfaces within enclosed spaces. ~~**A9.4.1.4**~~ The R-value for cavity airspaces shall be taken from Table A9.4A based on the emissivity of the cavity from Table A9.4B. No credit shall be given for airspaces in cavities that ~~contain any insulation or~~ are less than 0.5 in. The values for 3.5 in. cavities shall be used for cavities of that width and greater.



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

Public Review Draft

ASHRAE® Standard

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

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

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FOREWORD

The existing wording regarding water economizers is often overlooked by designers. This proposal would relocate it into the economizer requirements.

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Addendum z to 90.1-2010

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

6.5.~~2.4~~1.5 Economizer Humidification System Impact. Systems with hydronic cooling and humidification systems designed to maintain inside humidity at a dew-point temperature greater than 35°F shall use a water economizer if an economizer is required by Section 6.5.1.

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

Public Review Draft

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

Second Public Review (Independent Substantive Change) (August 2011) (Draft Shows Proposed Changes to Previous Public Review Draft)

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FOREWORD

This proposal adds a requirement that the exterior LPDs allowed by 189.1 be some percentage of those allowed by 90.1-2010. This analysis shows that the exterior LPDs can be reduced by switching the minimum acceptable equipment used in the models from magnetic metal halide ballasts to electronic ballasts. The analysis for 90.1-2010 was done using primarily Metal Halide, with magnetic ballasts, as the main light source. Where Metal Halide was not used fluorescent was used (fluorescent made up less than 10%). Below we show the assumed wattages for both 90.1 and the proposal for 189.1-addendum i:

90.1 Equipment (magnetic)	***189.1-Addendum I Equipment (electronic)***
70 MH at 90 watts	*70 MH at 80 watts (11.1% less)*
100 MH at 129 watts	*100 MH at 110 watts (14.7% less)*
150 MH at 185 watts	*150 MH at 165 watts (10.9% less)*
320 MH at 368 watts	*320 MH at 345 watts (5.5% les*

The large majority of the models used the 70, 100 and 150W luminaires thereby providing from 10.9 to 14.7% savings over 90.1. The 320 MH is used in some LZ3 and LZ4 areas; showing savings of 5.5%. The composite average resulted in savings in excess of 10%. However, it was determined that high performance buildings and the goal of saving energy would be better served by setting the amount of reduction as a function of the type of area under consideration. This addendum proposes that tradable areas within lighting zones LZ1 and LZ2 will have a factor of 90% while the factor in tradable areas in LZ3, LZ4 and all Nontradable areas will be 95%. LZ0 LPDs shall remain as specified in 90.1-2010.

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

Addendum i to 189.1-2009

Modify Section 7.4.6.1 as follows:

7.4.6.1 Lighting Power Allowance. The interior *lighting power allowance* shall be a maximum of 0.9 multiplied by the values determined in accordance with Sections 9.5 and 9.6 of ANSI/ASHRAE/IES Standard 90.1. ~~This requirement supersedes the requirements in Sections 9.5 and 9.6 of ANSI/ASHRAE/IES Standard 90.1.~~ The exterior *lighting power allowance* shall be a maximum of ~~0.9~~ ~~multiplied by~~ the values determined in accordance with Sections 9.4.3. of ANSI/ASHRAE/IES Standard 90.1 multiplied by the corresponding factor found in Table 7.4.6.1C. ~~This requirement supersedes the requirements in Sections 9.4.3 of ANSI/ASHRAE/IES Standard 90.1.~~

Table 7.4.6.1C	**Lighting Zone**				
	LZ0	**LZ1**	**LZ2**	**LZ3**	**LZ4**
For Tradable Areas	**1.00**	**0.90**	**0.90**	**0.95**	**0.95**
For Non-tradable Areas	**1.00**	**0.95**	**0.95**	**0.95**	**0.95**

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

Public Review Draft

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

Second Public Review (Independent Substantive Change) (August 2011) (Draft Shows Proposed Changes to Previous Public Review Draft)

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BSR/ASHRAE/USGBC/IES Addendum m ISC to ANSI/ASHRAE/USGBC/IES Standard 189.1-2009, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings 2nd Public Review Draft (Independent Substantive Change)

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FOREWORD

The first public review of this addendum included modifications to Section 6.3.2.3 (b) for cooling tower drift, but based on comments from the first public review, this ISC restores the original language in the Standard.

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

Addendum m to 189.1-2009

Modify Section 6.3.2.3 of the Standard as follows:

6.3.2.3 HVAC Systems and Equipment

a. *Once-through cooling* with *potable water* is prohibited.

b. Cooling towers and evaporative coolers shall be equipped with makeup and blowdown meters, conductivity controllers, and overflow alarms in accordance with the thresholds listed in Table 6.3.3B. Cooling towers shall be equipped with efficient drift eliminators that achieve drift reduction to a maximum of ~~0.001%~~0.002% of the recirculated water volume for counterflow towers and 0.005% of the recirculated water flow for cross-flow towers.

c. *Building projects* located in regions where the ambient mean coincident wet bulb at 1% design cooling conditions is greater than or equal to 72° F (22° C) shall have a system for collecting condensate from air-conditioning units with a capacity greater than 65,000 Btu/h (19 kW) and the condensate shall be recovered for re-use.

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

Public Review Draft

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

Second Public Review (Independent Substantive Change) (August 2011) (Draft Shows Proposed Changes to Previous Public Review Draft)

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FOREWORD

Based on public review comments to the first public review draft, this second public review draft modifies the proposed language to delete the requirement for a minimum initial SRI value. It also editorially restructures Section 5.3.2.4 to separate roofing and non-roofing products to give clarity.

The first public review draft of this addendum had proposed modification to the solar reflectance and emittance values in Normative Appendix D (Performance Option for Energy Efficiency) to correspond to sections 5.3.2.3 and 5.3.2.4. However, Addendum 'j' of the Standard also made these same changes and thus the modification to Normative Appendix D have been deleted from the second public review draft of this addendum.

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

Addendum n to 189.1-2009

Modify Section 5.3.2.3 as follows:

5.3.2.3 Roofs. This section applies to the building and covered parking *roof* surfaces for *building projects* in *climate zones* 1, 2, and 3. A minimum of 75% of the entire *roof* surface not used for *roof* penetrations and associated equipment, *on-site renewable energy systems* such as photovoltaics or solar thermal energy collectors including necessary space between rows of panels or collectors, portions of the roof used to capture heat for building energy technologies, rooftop decks or walkways, or vegetated (green) roofing systems shall be covered with products that:

a. have a minimum ~~initial *SRI* of 78~~ three-year-aged *SRI* of 64 for a low-sloped *roof*. A low sloped *roof* has a slope of less than or equal to 2:12.
b. have a minimum ~~initial *SRI* of 29~~ three-year-aged *SRI* of 15 for a steep-sloped *roof*. A steep sloped *roof* has a slope of more than 2:12.

Modify Section 5.3.2.4 as follows:

5.3.2.4 Solar Reflectance Index. The *SRI* shall be calculated in accordance with ASTM E1980 for medium-speed wind conditions using a convection coefficient of 2.1 Btu/h·ft²·°F (11.9 W/m²·°C) <u>for the following conditions</u>.

<u>a.</u> For materials other than roofs, the *SRI* shall be based upon solar reflectance as measured in accordance with ASTM E1918 or ASTM C1549, and the thermal emittance as measured in accordance with ASTM

E408 or ASTM C1371. The values for solar reflectance and thermal emittance shall be determined and certified by an independent third party.
b. For roofing products, the *SRI* values shall be based on a minimum three-year-aged solar reflectance and thermal emittance as measured in accordance with the CRRC-1 Standard, and shall be certified by the manufacturer. ~~For building materials other than roofing products, the values for solar reflectance and thermal emittance shall be determined by an independent third party.~~

Note to reviewers.the first public review draft of addendum n modifies Appendix D, Table D3.1, Number 5 (Building Envelope), Exception 3 as follows so the text will appear as follows:

3. The exterior *roof*, surface shall be modeled using the aged solar reflectance and thermal emittance values determined in accordance with Section 5.3.2.4. Where aged test data are unavailable, *roof* surfaces shall be modeled with a solar reflectance of 0.30 and a thermal emittance of 0.90.

Addendum "j" to 189.1-2009 modifies Appendix D, Table D3.1, Number 5 (Building Envelope, Proposed Building Performance.

5. Building Envelope	
Exception c shall be replaced with the following: The exterior roof surface shall be modeled using the solar reflectance and thermal emittance determined in accordance with Sections 5.3.2.3 and 5.3.2.4. Where test data are unavailable, the roof surface shall be modeled with a solar reflectance of 0.30 and a thermal emittance of 0.90.	1. In addition to the requirements in Table G3.1 (5),the *baseline building design* shall comply with Section 7.4.2. 2. If the *proposed design* does not comply with Section 7.4.2.9, then the fenestration area in the *baseline building design* shall be uniformly reduced until it complies. This adjustment is not required to be made when rotating the building as required in Table G3.1 (5.a). 3. In addition to the requirements in Table G3.1 (5.d and 5.e), roof surfaces shall comply with Section 5.3.2.3.

Appendix D, Table D3.1, Number 5 (Building Envelope, Proposed Building Performance
If both addendum j and addendum n are approved for publication, the section will appear as follows:

Exception c shall be replaced with the following: The exterior roof surface shall be modeled using the solar reflectance and thermal emittance determined in accordance with Sections 5.3.2.3 and 5.3.2.4. Where test data are unavailable, the roof surface shall be modeled with a solar reflectance of 0.30 and a thermal emittance of 0.90."

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

Public Review Draft

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

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

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FOREWORD

This addendum requires automatic controls to assure that lighted signs which are bright enough to be visible during daytime hours are operated during nighttime hours with a 65% reduction in power (reduce power to 35% of full power). Such lighted signs will still be visible at night but will use much less power. The addendum also requires automatic controls to assure that all other signs are off during daytime hours to save energy, and operated with a 30% reduction in power after midnight (reduce power to 70% of full power). The requirement for signs that are not electrically illuminated during the day is essentially restating the requirement in ASHRAE 90.1-2010 Section 9.4.1.7(c) and was included here for ease of use.

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

Addendum u to 189.1-2009

Modify the standard as follows:

Add the definition to Section 3.2 as follows:

daylight hours: the period from 30 minutes after sunrise to 30 minutes before sunset.

Add to Section 7.4.6 as follows:

7.4.6.8 Controls for Exterior Sign Lighting. All exterior sign lighting, including internally illuminated signs and lighting on externally illuminated signs, shall comply with the requirements of 7.4.6.8.1 or 7.4.6.8.2.

Exceptions:

a. Sign lighting that is specifically required by a health or life safety statute, ordinance, or regulation
b. Signs in tunnels

7.4.6.8.1 All sign lighting that operates more than one hour per day during *daylight hours* shall include controls to automatically reduce the input power to a maximum of 35 percent of full power for a period from one hour after sunset to one hour before sunrise.

> **Exception:** Sign lighting using metal halide, high pressure sodium, induction, cold cathode, or neon lamps that includes controls to automatically reduce the input power to a maximum of 70 percent of full power for a period from one hour after sunset to one hour before sunrise.

7.4.6.8.2 All other sign lighting shall include:

a. controls to automatically reduce the input power to a maximum of 70 percent of full power for a period from midnight or within one hour of the end of business operations, whichever is later, until 6 am or business opening, whichever is earlier, and
b. controls to automatically turn off during daylight hours.

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

Public Review Draft

Proposed Addendum v to Standard 189.1-2009 Standard for the Design of High-Performance Green Buildings
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FOREWORD
The purpose of this proposal is to add a minimum time period to automatic control requirements for guest rooms. Without a minimum time period, lights could be turned off after 1-second of vacancy or after 24-hours of vacancy and still comply. A minimum requirement of 30-minutes of vacancy is deemed an appropriate time period for lighting, TV, switched outlets, and HVAC set point adjustments. . If desired, the hotel can always choose to turn off lighting and power or adjust HVAC set points sooner than 30-minutes after vacancy but not longer than 30-minutesof vacancy.

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

Addendum – v to 189.1-2009

Modify the standard as follows:

Add to Section 7.4.3.12 as follows:

7.4.3.12 Automatic Control of HVAC and Lights in Hotel/Motel Guest Rooms. In hotels and motels with over 50 guest rooms, the lighting, switched outlets, television, and HVAC equipment serving each guest room shall be automatically controlled such that the power for lighting, switched outlets, and televisions will be turned off within 30 minutes after all occupants leave the guest room and the HVAC set points raised by at least 5°F (3°C) in the cooling mode and lowered by at least 5°F (3°C) in the heating mode ~~whenever~~ within 30 minutes after all occupants leave the guest room ~~is unoccupied~~.

Exception: Guest rooms where the lighting, switched outlets, and televisions are turned off and the HVAC set points raised at least 5°F (3°C) in the cooling mode and lowered at least 5°F (3°C) in the heating mode when the occupant removes the card from a captive key system.

ANSI Z133.1-2006 – Safety Requirements for Arboricultural Operations

Proposed Revisions – July 29, 2011

Note: Black strike-through indicates proposed deletion of text. Proposed new language is indicated in red.

3.2 Traffic Control

New Section 3.2.1 Traffic and pedestrian control around the jobsite shall be established prior to the start of all arboricultural operations.

Revised Section 3.2.5 Pedestrians should have separate movement from the work activity area and vehicular traffic with a ~~reasonably~~ safe, convenient, and accessible path

3.3 Emergency Procedures and Readiness

Revised Section 3.3.2 A first-aid kit~~, adequately stocked and maintained,~~ meeting the requirements of ANSI Z308.1 shall be provided by the employer when and where arboricultural operations are being carried out. Arborists and other workers shall be instructed in its use and specific location.

3.4 Personal Protective Equipment (PPE)

Revised Section 3.4.2 The **employer** shall assess the work area to determine if hazards are present, or are likely to be present. This assessment will be used to determine the type of personal protective equipment that might be required for employee protection. (Definition for "**employer**" added to glossary.)

4 ELECTRICAL HAZARDS

Revised Section 4.1.3 (a) Arborists and other workers shall be instructed that

(~~a~~) ~~electrical shock will occur when a person, by either **direct contact** or **indirect contact** with an energized electrical conductor, energized tree limb, tool, equipment, or other object, provides a path for the flow of electricity to a grounded object or to the ground itself. Simultaneous contact with two energized conductors **phase to phase** will also cause electric shock that may result in serious or fatal injury.~~

(a) the human body's good conductive properties pose little resistance to electric current and provide a path for the flow of electricity to a grounded object or to the ground itself.

(b) **direct contact** or **indirect contact** (phase-to-ground contact) with an electrical conductor, energized tree limb, tool, equipment, or other energized object may lead to significant injury and/or electrocution that may result in fatal injury.

(c) simultaneous contact with two separate energized conductors (**phase-to-phase** contact) will cause electric shock that may result in serious or fatal injury.

(d) electrical shock may occur as a result of **ground fault** when a person stands near a grounded object (for example, if an uninsulated aerial device comes into contact with a conductor with outriggers down).

(e) (in the event of a downed energized electrical conductor or energized grounded object, there exists the hazard of **step potential**.

Revised Section 4.1.4 If the **minimum approach distance** (shown in Table 1) cannot be maintained during the arboricultural operations, the **qualified line-clearance arborist** shall request that the electrical system owner/operator's designated supervisor in charge coordinate communications and operations between the **electrical system owner/operator** and the qualified line-clearance arborist to **mitigate** the electrical hazard. Mitigation options should include all safe, OSHA-compliant, and practical work methods, and where necessary, **de-energizing**, **testing,** isolating, and grounding the electrical conductors by the electrical system owner/operator. The designated electrical system owner/operator employee and the designated qualified line-clearance arborist in charge shall confirm that protective ground(s) have been installed as close as practical to the line-clearance work to be performed to prevent hazardous differences in electrical potential.

5.2 Aerial Devices

Revised Section 5.2.8 Aerial devices shall be provided with fall protection anchor(s) meeting design requirements of the ANSI/SIA A92.2 Standard on which to secure an approved system of personal fall protection (Example: full body harness with an energy absorbing lanyard or a body-belt and lanyard), which shall be worn by the operator(s) whenever aloft.

Revised Section 5.2.30

(a) Platforms on insulated aerial devices shall have no thru-cracks or holes below the lip of the platform.

(b) Insulating liners shall have no holes below the lip of the liner or vertical cracks greater than 5 inches.

5.7 Cranes and Knucklebooms

Revised Section 5.7.13.2 The arborist climbing line shall be secured to the crane in such a way that it does not interfere with the function of any of the crane's components. No part of the crane shall be allowed to compromise the climbing line or any component of the climbing system. The qualified arborist ~~should~~ shall use two means of being secured to the crane while being hoisted into position in the tree.

6.3 Chain Saws

Revised Section 6.3.7 (Previously 6.3.8) ~~Arborists shall use a second point of attachment (for example, **lanyard** or double-crotched climbing line) when operating a chain saw in a tree, unless the employer demonstrates that a greater hazard is posed by using a second point of attachment while operating a chain saw in that particular situation. Using both ends of a two-in-one lanyard shall not be considered two points of attachment when using a chain saw.~~ Arborists shall be tied-in and use a second means of being secured (i.e., **work-positioning lanyard** or second climbing line) when operating a chain saw in a tree. Using two work-positioning lanyards or both ends of a two-in-one work-positioning lanyard shall not be considered acceptable as two means of being secured when using a chain saw in a tree.

EXCEPTION: When the employer demonstrates that a greater hazard is posed by using a second means of being secured while operating a chain saw in that particular situation.

8 WORK PROCEDURES

Revised Section 8.1.3 Climbing lines used in a **split-tail** system and split-tails shall be terminated with an eye splice or a knot that interfaces appropriately with the connecting link ~~that it is attached to~~. ~~The termination knot selected shall remain secure under normal loading and unloading. When using a **carabiner** without a captive eye, the knot or eye splice shall cinch in place to prevent accidental opening and/or side loading of the carabiner.~~ When using a **carabiner** without a captive eye, the termination selected shall maintain loading along the major axis. The connection between carabiners and terminated rope ends shall be compatible as to limit the possibility of accidental disconnection or minor axis loading of carabiners.

Revised Section 8.1.5 ~~Arborist saddles and lanyards used for work positioning shall be identified by the manufacturer as suitable for tree climbing~~. Arborist ropes, work-positioning harness(es), and climbing equipment shall be approved by the manufacturer for use within the tree care industry.

Revised Section 8.1.6 Arborist ~~saddles~~ harness(es) and lanyards used for work positioning shall not be altered in a manner that would compromise the integrity of the equipment.

Deleted Section 8.1.7 ~~Hardware used in the manufacture of arborist saddles shall meet the hardware material, strength, and testing requirements outlined in ANSI 359.1.~~ (New Deletion)

Revised Section 8.1.11 Carabiners used as part of a climber's work-positioning (suspension) system shall be self-closing and self-double-locking, and shall have a gate-locking mechanism that requires at least two consecutive, deliberate actions to unlock. Carabiners shall be capable of withstanding a 5,000 pound (22.24 kN) load along its major axis with the gate closed without breaking or distortion sufficient to release the gate.

Deleted Section 8.1.15 ~~All load-bearing components of the climbing system shall meet the minimum standards for arborist climbing equipment~~. (New Deletion)

8.4 Rigging

Revised Section 8.4.11 A method of verbal, audible, or visual communication shall be discussed and established during the job briefing, prior to the start of removal or rigging operations. The verbal, audible, or visual communication system shall use an established command and response system (see example) or pre-arranged, two-way hand signals. The communication method shall be clearly understood and used during all rigging operations.

Example, but not limited to:

Command: Stand clear!

Response:

- All Clear!
- Underneath!
- or No!

Revised Section 8.4.15 Arborists working aloft shall position themselves so as to be above or to the side of the

piece being rigged and out of the path of movement of the piece when it has been cut. ~~Climbers and their climbing systems shall be positioned outside of the rigging system itself when a cut is being made or a load is being moved or lowered.~~ Climbers shall have an escape plan prepared.

New Section 8.4.16 Climbers and their climbing systems shall not contact moving or swinging parts of the rigging system when making a release cut or when the load is moving. Rigging systems shall not compromise any part of the climbing system.

Deleted Section 8.4.17 (Previously 8.4.16) ~~The spars, limbs, or leaders being worked on and the spars being used for tie-in and/or rigging points shall be assessed for structural integrity and potential reaction forces that could cause a spar to split when it is cut.~~ (New deletion.)

New Section 8.4.19 A hand saw shall be with a worker aloft to make or finish cuts.

8.5 Tree Removal

Revised Section 8.5.4 In manual tree felling operations, non-involved workers shall be beyond ~~the **danger zone,**~~ twice the height of the tree or trunk ~~away from the tree or trunk~~ being removed. (Proposed definition of "**danger zone**" removed from glossary.)

Revised Section 8.5.6 A planned retreat/escape path for all workers within the drop zone ~~or danger zone~~ shall be prepared before piecing down or manual-felling any standing tree or tree parts.

8.7 Limbing and Bucking

New Section 8.7.3 Before bucking or limbing wind-thrown trees, precautions shall be taken to prevent the root ball or butt log from striking a worker.

New Section 8.7.7 When necessary to prevent rolling, logs shall be blocked with wood or other suitable material. (Clause is being reinstated after being inadvertently deleted from the 2000 version of the Z133 Standard.)

New Glossary Terms (Annex A)

backstay: A rope or cable that is set to share the load on a spar, limb, jib, pole, or other load-bearing member.

employer: a person or entity, engaged in a business or work activity that has employees working at his/her (their) direction; or, the designated representative of this person or entity.

split-tail: Separate, short length of rope used to tie the friction hitch in a climbing system.

work-positioning lanyard: A component of a climbing system consisting of a flexible line of rope or a strap that generally has a connecting link at each end and may incorporate a knot or mechanical device to allow for adjustability. This line or strap is designed to be used under tension to support an arborist or other worker on an elevated surface, such as a tree limb, and allow him or her to work with both hands free. Correct use of a work-positioning lanyard demands the lanyard be attached from one side D-ring of the harness (saddle), around the anchorage, to the opposite side D-ring of the harness. Both ends of the lanyard may also be attached to the center attachment point of the harness. Arborists shall not attach both ends of the lanyard to the same side D-ring of the harness.

Addition to Annex D – Additional Resources

D.1 Applicable American Standards

Boom-Supported Elevating Work Platforms (A92.5-2006)

Minimum Requirements for Workplace First Aid Kits and Supplies (Z308.1-2009)

Supplemental Support Systems (A300-Part 3)

BSR/UL 125

9.9 For shutoff valves and shutoff valve portion of filler valves, with handwheels, that incorporate a screw type stem design, the handwheel and valve stem shall be so constructed so that it shall not fracture, break, crack or have stem threads stripped, in the open and closed position when subjected to the Valve Stem Torque Test, Section 39.

6.7 With reference to ~~6.3~~ 6.4 elastomeric materials shall be subjected to the following tests:

a) Accelerated Aging Test, Section 30;

b) Fluid Compatibility Test, Section 32; and

c) Low Temperature Test, Section 33.

20.1 Representative samples of each type of valve are to be subjected to the tests described in these requirements. When a series of shutoff or backpressure check valves are to be investigated in which the valves differ in size only, and all sizes have the same pressure rating, three representative samples are to be chosen to include the largest, smallest, and one intermediate size. Additional samples of parts constructed of nonmetallic materials, such as seal materials and valve seat discs, are required for physical and chemical tests.

Exception: This does not apply to the number of samples required for the moist ammonia air stress cracking test, Section 34. See 34.2.

6.2 To comply with 6.1, a material for pressure-confining parts of a valve for LP-Gas ~~having a pressure rating of 250 psig or higher~~ shall have a minimum melting point (solidus temperature) of not less than 1500°F (816° C).

Exception No. 1: Valves that are part of a meter assembly, lever operated transfer valves and LP-Gas hose nozzle valves shall have a melting point (solidus temperature) of not less than 950°F (510°C) and a tensile streng th of not less than 10,000 psi (68.9 MPa) at 400°F (204°C).

Exception No. 2: A valve disc or soft seat, a seal ring, a diaphragm, or a gasket is not required to comply with this requirement.

Exception No. 3: Pressure confining stems or poppets of filler valves and vapor return valves shall have a melting point (solidus temperature) of not less than 950°F (510°C) and a tensile strength of not less than 10,000 psi (68.9 MPa) at 400°F (204°C).

6.3 To comply with 6.1, a material for pressure-confining parts of valves for anhydrous ammonia ~~having a pressure rating of less than 250 psig,~~ and operating parts of all valves shall have a melting point (solidus temperature) of not less than 950°F (510°C) and a tensile strength of not less than 10,000 psi (68.9 MPa) at 400°F (204°C).

Exception No. 1: A valve disc or soft seat, a seal ring, a diaphragm, a gasket or an internal operating part, is not required to comply with this requirement.

Exception No. 2: A handle or lever on a shut off service valve having an inlet connection not greater than ½ in. NPT is not required to comply with this requirement. See Impact Test, Section 38.

Standard for Door, Drapery, Gate, Louver, and Window Operators and Systems, BSR/UL 325

1. Residential Garage Door Operators with Unattended Operation Closing Features

PROPOSAL

32.5.1.1 A residential garage door operator system per 3.18.1 ~~shall~~ may permit unattended operation to close a garage door, provided the operator system complies with the additional requirements of 32.5.2 - 32.5.5.

Exception: Unattended operation shall not be permitted on one-piece garage doors or swinging garage doors. An operator intended for use with both sectional doors and one-piece or swinging doors that has an unattended operation close feature shall identify that the unattended operation closing feature is only permitted to be enabled when installed with a sectional door by complying with:

a) The installation instructions of 56.4.2;

b) The markings of 57.7.1; and

c) The carton markings of 59.3.1.1 when the carton references the unattended operation close feature.

56.4.2 In accordance with the exception of 32.5.1.1, the installation instructions of 56.4.1 of a residential garage door operator intended for use with both sectional and one-piece door that has an unattended operation close feature shall comply with 56.4.1 and include:

9. "WARNING: To reduce the risk of injury to persons - Only enable [+] feature when installed with a sectional door.", where + is the unattended operation function.

57.7.1 In accordance with the exception of 32.5.1.1, the instructions of a residential garage door operator intended for use with both sectional doors and either one-piece or swinging doors and are provided with an unattended operation feature shall comply with 57.7 and include the following under the avoidance statements of 57.7(b):

5) "Only enable [+] feature when installed with a sectional door.", or equivalent, where + is the unattended operation closing function.

59.3.1.1 In accordance with the exception of 32.5.1.1, a residential garage door operator intended for use with both sectional and one-piece or swinging door that has an unattended operation close feature indicating the function in the carton markings shall include the following carton marking:

"WARNING: To reduce the risk of injury to persons - Only enable [+] feature when installed with sectional door.", where + is the unattended operation closing function.

BSR/UL 840 PROPOSAL

2.2A COMBINATION WAVEFORM - A surge delivered by a generator which has the inherent capability of applying a 1.2/50µs voltage wave across an open circuit, and delivering an 8/20 µs current wave into a short circuit. Also called a combination surge.

2.10A NOMINAL DISCHARGE CURRENT (In) - Peak value of the current, selected by the manufacturer, through the SPD having a current waveshape of 8/20 where the SPD remains functional after 15 surges.

2.16A SURGE PROTECTIVE DEVICE (SPD) TYPE DESIGNATIONS - SPD Type designations are as follows:

TYPE 1 - Permanently connected SPDs intended for installation between the secondary of the service transformer and the line side of the service equipment overcurrent device, as well as the load side, including watt-hour meter socket enclosures and intended to be installed without an external overcurrent protective device.

TYPE 2 - Permanently connected SPDs intended for installation on the load side of the service equipment overcurrent device - including SPDs located at the branch panel.

TYPE 3 - Point of utilization SPDs, installed at a minimum conductor length of 10 meters (30 feet) from the electrical service panel to the point of utilization, for example cord connected, direct plug-in, receptacle type and SPDs installed at the utilization equipment being protected. The distance of 10 meters (30 feet) is exclusive of conductors provided with or used to attach SPDs.

TYPE 4 COMPONENT ASSEMBLIES - Component assembly consisting of one or more Type 5 components together with a disconnect (integral or external) or a means of complying with the limited current tests.

TYPE 1, 2, 3 COMPONENT ASSEMBLIES - Consists of a Type 4 component assembly with internal or external short circuit protection.

TYPE 5 - Discrete component surge suppressors, such as MOVs that may be mounted on a PWB, connected by its leads or provided within an enclosure with mounting means and wiring terminations.

~~8.4 Devices or systems, including filters or air gaps, used to control overvoltages in accordance with this section shall be evaluated using the requirements in the Standard for Transient Voltage Surge Suppressors, UL 1449. If used in products having short circuit withstand ratings, the suppressors shall also withstand the available current when tested in accordance with UL 1449.~~

8.4.1 Devices or systems used for overvoltage control shall comply with the following items a through d:

a) The requirements in the Standard for Surge Protective Devices, UL 1449.

b) Type 1, Type 2, and Type 3 surge protective devices shall have a maximum continuous operating voltage not less than the operational voltage rating of the power system configuration to which the surge protective devices is connected.

c) Type 4 and 5 surge protective devices shall have a maximum continuous operating voltage at least equivalent to the line-to-line voltage of the input system of the assembly.

Exception: Type 4 surge protective devices that have been subjected to limited current, intermediate current and short circuit current tests need only be rated for the maximum continuous operating voltage of the power system.

d) Be evaluated for use for one of the following:

1. Type 1 applications when used on the line side of service equipment,

2. Type 1 or Type 2 applications when used on the load side of service equipment feeder circuit applications or branch circuit applications,

3. Type 3 applications when used in branch circuit or control circuit applications or,

4. Type 5 discrete component surge suppressors or Type 4 component assemblies when used in branch circuit or control circuit applications and rated with a nominal discharge current (In) where the In value is as specified in Table 8.2 based on the system operating voltage and the Over-Voltage category,

5. Type 4 component surge suppressors when used in branch circuit or control circuit applications and provided with "other" rating where the Operating Duty Cycle is based on a kV/kA combination waveform test equal to the values given in Table 8.2 based on the system input voltage and Over-Voltage Category of the equipment

Table 8.2 (New)

Correlation Between Equipment Overvoltage Category and Surge Protective Device Combination Waveform Test Values

Phase-to-ground[a] rated system voltage (rms and dc)				Rated impulse withstand voltage peak, kV	Combination Waveform Test Current or Nominal Discharge Current, I_n[b]
Overvoltage category					
I	II	III	IV		
50	-	-	-	0.33	165 A
100	50	-	-	0.50	250 A
150	100	50	-	0.80	400 A
300	150	100	50	1.5	750 A
600	300	150	100	2.5	1250 A
1000	600	300	150	4.0	2,000 A
1500	1000	600	300	6.0	3,000 A

[a] For ungrounded systems or systems with one phase grounded, the phase-to-ground voltage is considered to be the same as the phase-to-phase voltage for the purposes of using this table.

[b] Based on Rated impulse withstand voltage peak / 2 ohm upstream impedance.

8.4.2 Where surge protective devices are employed in order to improve the over-voltage control within the assembly and decrease required clearances distances to a greater degree than that listed in Table 8.1, based on the system voltage rating and Over-Voltage Category for the application, the surge protective device shall comply with 8.4.1 and items a) and b) below:

a) The Measured Limiting Voltage (MLV) of the surge protective device shall not exceed the impulse voltage withstand value provided in Table 8.1 for the measured clearance, and

b) Be provided with one of the following:

1. A Nominal Current Discharge Rating (In) or Operating Duty Cycle based on a kV/kA combination test waveform equal to the values given in Table 8.2. The impulse voltage withstand value chosen shall be at least that equal to the impulse voltage withstand value in Table 8.1 based on the system input voltage and Over-Voltage Category of the equipment under test,

2. A Nominal Current Discharge Rating (In) or Operating Duty Cycle based on a kV/kA combination test waveform equal to the impulse voltage value given in Table 8.2 and current value equal to rated impulse voltage divided by the circuit impedance on the input side of the surge protective device plus 2 ohms. The impulse voltage withstand value chosen shall be at least equal to the impulse voltage withstand value in Table 8.1 based the system input voltage and Over-Voltage Category of the equipment under test, or.

3. The entire assembly complies with the Operating Duty Cycle testing as outlined in the Standard for Surge Protective Devices, UL 1449, using a combination waveform as defined in item 1 above.

BSR/UL 924-201x

1. Proposal to add a definition of “transfer switch” to the Glossary

PROPOSAL

(NEW)
4.49.1 TRANSFER SWITCH – Any device intended for transferring one or more load conductor connections from one source of power to another source of power, typically evaluated to the Standard for Transfer Switch Equipment, UL 1008.