ANSI STANDARDS ACTION

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VOL. 48, #5 *February 3, 2017*

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

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ISSN 0038-9633

Comment Deadline: March 5, 2017

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

Addenda

BSR/ASHRAE/ICC/USGBC/IES Addendum ap to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)

This proposal updates the normative references in Section 11 of ASHRAE 189.1 and the informative references in Appendix G. The changes in the Independent Substantive second public review correct small errors identified during the first public review.

Click here to view these changes in full

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

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

Addenda

BSR/ASHRAE/ICC/USGBC/IES Addendum aw to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)

This proposal seeks to add two new mandatory requirements to Section 8: Indoor Environmental Quality regarding occupant control of operable methods of glare control and of automatic daylight-responsive controls.

Click here to view these changes in full

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

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

Addenda

BSR/ASHRAE/ICC/USGBC/IES Addendum bb to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014)

This addendum adds a new requirement to Section 7 to display energy usage in support of existing requirements in Section 10.3.2.1.3.2 (Track and Assess Energy Consumption).

Click here to view these changes in full

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

NFSI (National Floor Safety Institute)

New Standard

BSR/NFSI B101.2-201x, Test Method for Determining the Impact on Wet Coefficients of Friction of Various Chemical or Physical Walkway Surface Cleaners and Treatments on Common Hard-Surface Flooring Materials (new standard)

This test method measures the change in Dynamic Coefficient of Friction (DCOF) and Static Coefficient of Friction (SCOF) as the result of applying a chemical floor-cleaning agent or treatment onto a hard walkway surface under wet conditions. This standard shall only be used in a laboratory or other controlled area and is not suited for in-situ use.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Laura Cooper, (817) 749 -1700 ext. 104, laurac@nfsi.org

NSF (NSF International)

Revision

BSR/NSF 49-201x (i99r2), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2014)

This Standard applies to Class II (laminar flow) biosafety cabinetry designed to minimize hazards inherent in work with agents assigned to biosafety levels 1, 2, 3, or 4. It also defines the tests that shall be passed by such cabinetry to meet this Standard. This Standard includes basic requirements for the design, construction, and performance of biosafety cabinets that are intended to provide personnel, product, and environmental protection; reliable operation; durability and structural stability; cleanability; limitations on noise level; illumination; vibration; and motor/blower performance.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Allan Rose, (734) 827 -3817, arose@nsf.org

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 62133-201x, Standard for Safety for Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes - Safety Requirements for Portable Sealed Secondary Cells, and for Batteries Made from Them, for Use in Portable Applications (national adoption with modifications of IEC 62133)

(1) The proposed new edition of UL 62133 which is harmonized with CSA and the second edition and Corrigendum 1 of the Standard for Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes - Safety Requirements for Portable Sealed Secondary Cells, and for Batteries Made from Them, for Use in Portable Applications, IEC 62133.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Megan Van Heirseele, (847) 664-2881, Megan.M.VanHeirseele@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BRS/UL 555C-201x, Standard for Safety for Ceiling Dampers (revision of ANSI/UL 555C-2010 (R2014))

Document dated 02-03-17 recirculates changes that were originally proposed on 08-19-16.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Mary Huras, (613) 368 -4425, Mary.Huras@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 325-201x, Standard for Door, Drapery, Gate, Louver, and Window Operators and Systems (revision of ANSI/UL 325-2016)

(7) Editorial changes.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1081-201x, Standard for Safety for Swimming Pool Pumps, Filters, and Chlorinators (revision of ANSI/UL 1081-2016)

These requirements apply to electric motor-operated water pumps of the nonsubmersible type, pump-filter combinations, and chlorinators for use with swimming pools, hot tubs, and spas, to be used in accordance with the National Electrical Code, NFPA 70. The pump is secured directly to the motor or the pump and motor are factory secured to a common frame. It also covers electric pool cleaners.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Megan Monsen, (847) 664 -1292, megan.monsen@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1703-201x, Standard for Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 1703-2016)

(1) Clarification for the use of coatings at the interconnection of a module and a junction box.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 2034-201x, Standard for Safety for Single and Multiple Station Carbon Monoxide Alarms (revision of ANSI/UL 2034-2016)

Document dated 2-3-2017 recirculates changes to the following items originally proposed in the document dated 9-30-2016: (1) Supplemental means for operating the Sensitivity Test feature; (2) Pre-alarm notification; (3) Remote alarm reset/silence.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Paul Lloret, (510) 319 -4269, Paul.E.Lloret@ul.com

Comment Deadline: March 20, 2017

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

BSR/AAMI/ISO 27185-2012 (R201x), Cardiac rhythm management devices - Symbols to be used with cardiac rhythm management device labels, and information to be supplied - General requirements (reaffirmation of ANSI/AAMI/ISO 27185-2012)

Identifies requirements for the development and use of symbols that may be used to convey information on the safe and effective use of cardiac rhythm management medical devices. The document is limited to symbols applicable to cardiac rhythm management medical devices that may be marketed globally. These symbols may be used on the device itself or its labels.

Single copy price: $125.00 (AAMI members)/$209.00 (list)

Obtain an electronic copy from: http://my.aami.org/store/detail.aspx?id=27185-PDF

Order from: http://my.aami.org/store/detail.aspx?id=27185-PDF

Send comments (with copy to psa@ansi.org) to: Jennifer Moyer, (703) 253 -8274, jmoyer@aami.org

ASA (ASC S12) (Acoustical Society of America)

New Standard

BSR/ASA S12.76-201x, Methods for Measurement of Supersonic Jet Noise from Uninstalled Military Aircraft Engines (new standard)

Describes procedures to measure jet noise from uninstalled military aircraft engines with supersonic exhaust flows. Methods pertain to propulsion systems mounted on outdoor test stands with appropriate inlets and nozzles. Describes detailed measurement procedures for near-field acoustical characterization. Describes far-field measurement procedures to provide data for community noise estimates. Describes required measurement instrumentation, signal processing, data formatting, and measurement uncertainty.

Single copy price: $120.00

Obtain an electronic copy from: asastds@acousticalsociety.org

Order from: Neil Stremmel, (631) 390-0215, nstremmel@acousticalsociety.org

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

ASSE (Safety) (American Society of Safety Engineers)

New Standard

BSR/ASSE Z359.18-201X, Safety Requirements for Anchorage Connectors for Active Fall Protection Systems (new standard)

This Standard establishes requirements for the performance, design, testing, marking, and instructions for use of anchorage connectors in travel restraint, fall arrest, rescue, work position, rope access, and suspended component/tie-back line systems only.

Single copy price: $100.00

Obtain an electronic copy from: TFisher@ASSE.org

Order from: Tim Fisher, (847) 768-3411, TFisher@ASSE.Org

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

ATIS (Alliance for Telecommunications Industry Solutions)

Stabilized Maintenance

BSR/ATIS 0300007-2007 (S201x), Identification of Physical Network Resources (stabilized maintenance of ANSI/ATIS 0300007-2007 (R2012))

This standard shows how the ATIS interconnection standard maps to ITU-T Recommendation M.1401, Formalization of interconnection designations among operator's networks, not only for network operator interconnection, but also for identification of Physical Network Resources (PNR).

Single copy price: $220.00

Obtain an electronic copy from: ablasgen@atis.org

Order from: Alexandra Blasgen, (202) 434-8840, ablasgen@atis.org

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

AWS (American Welding Society)

Revision

BSR/AWS D1.4/D1.4M-201x, Structural Welding Code - Steel Reinforcing Bars (revision of ANSI/AWS D1.4/D1.4M:2011)

This code covers the requirements for welding steel reinforcing bars in most reinforced concrete applications. It contains a body of rules for the regulations of welding steel reinforcing bars and provides suitable acceptance criteria for such welds.

Single copy price: $112.00

Obtain an electronic copy from: sborrero@aws.org

Order from: Stephen Borrero, (305) 443-9353, sborrero@aws.org

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

ECIA (Electronic Components Industry Association)

Revision

BSR/EIA 364-96A-201x, Plated Through Hole Integrity Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-96-2002 (R2016))

This test method applies to compliant pins inserted in printed circuit boards with plated-through-holes (PTH).

Single copy price: $76.00

Obtain an electronic copy from: https://global.ihs.com/

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

Send comments (with copy to psa@ansi.org) to: Ed Mikoski, emikoski@ecianow.org

NASBLA (National Association of State Boating Law Administrators)

New Standard

BSR/NASBLA 101-201X, Basic Boating Knowledge - Human-Propelled (new standard)

This is the minimum standard that applies to all human-propelled boating courses in the U.S. States and territories and District of Columbia. It establishes the national standard for use by course providers to meet the needs of recreational boaters for human-propelled boating knowledge in order to identify and reduce primary risk factors and mitigate their effects on recreational boating. This standard applies to all human-propelled craft, such as canoes, kayaks, rafts, stand-up paddleboards (SUPs), dragon boats, etc.

Single copy price: Free

Obtain an electronic copy from: pam@nasbla.org

Order from: Pamela Dillon, (859) 225-9487, pam@nasbla.org

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

NEMA (ASC C18) (National Electrical Manufacturers Association)

Revision

BSR C18.1M, Part 2-201x, Standard for Portable Primary Cells and Batteries with Aqueous Electrolyte - Safety Standard (revision of ANSI C18.1M, Part 2 -2011)

This American National Standard specifies tests and requirements for portable primary batteries with aqueous electrolyte and zinc anode (non-lithium) to ensure their safe operation under normal use and reasonably foreseeable misuse. For reference, the chemical systems standardized in ANSI C18.1M, Part 2 are: Carbon zinc (Leclanché and zinc chloride types); Alkaline manganese dioxide; Silver oxide; Zinc air; and Nickel oxy-hydroxide.

Single copy price: $84.00

Obtain an electronic copy from: khaled.masri@nema.org

Order from: Khaled Masri, (703) 841-3278, khaled.masri@nema.org

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

NEMA (ASC C18) (National Electrical Manufacturers Association)

Revision

BSR C18.3M, Part 2-201x, Portable Lithium Primary Cells and Batteries - Safety Standard (revision of ANSI C18.3M, Part 2-2011)

This American National Standard specifies tests and requirements for portable primary lithium cells and batteries, both the chemical systems and the types covered in ANSI C18.3M, Part 1, to ensure their safe operation under normal use and reasonably foreseeable misuse. For reference, the chemical systems standardized in ANSI C18.3M, Part 1 are: Lithium carbon monofluoride; Lithium manganese dioxide; Lithium iron disulfide.

Single copy price: $84.00

Obtain an electronic copy from: khaled.masri@nema.org

Order from: Khaled Masri, (703) 841-3278, khaled.masri@nema.org

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

NFRC (National Fenestration Rating Council)

Reaffirmation

BSR/NFRC 400-2014 (R201x), Procedure for Determining Fenestration Product Air Leakage (reaffirmation of ANSI/NFRC 400-2014)

This standard specifies a procedure for determining fenestration product air leakage.

Single copy price: Free

Obtain an electronic copy from: rmerrifield@nfrc.org

Order from: Robin Merrifield, (240) 821-9513, rmerrifield@nfrc.org

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

NFRC (National Fenestration Rating Council)

Revision

BSR/NFRC 100-201x, Procedure for Determining Fenestration Product U-Factors (revision and redesignation of ANSI/NFRC 100 [E0A1]-2015)

This standard specifies a method for determining fenestration product U-factor (thermal transmittance).

Single copy price: Free

Obtain an electronic copy from: rmerrifield@nfrc.org

Order from: Robin Merrifield, (240) 821-9513, rmerrifield@nfrc.org

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

NFRC (National Fenestration Rating Council)

Revision

BSR/NFRC 200-201x, Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence (revision and redesignation of ANSI/NFRC 200-2014)

This standard specifies a method for calculating solar heat gain coefficient (SHGC) and visible transmittance (VT) at normal (perpendicular) incidence for fenestration products containing glazings or glazing with applied films, with specular optical properties calculated in accordance with ISO 15099 (except where noted) or tested in accordance with NFRC 201, NFRC 202, and NFRC 203.

Single copy price: Free

Obtain an electronic copy from: rmerrifield@nfrc.org

Order from: Robin Merrifield, (240) 821-9513, rmerrifield@nfrc.org

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

NSF (NSF International)

New Standard

BSR/IEEE 1680.4/NSF 426-201x (i2r2), Standard for Environmental Leadership Assessment of Servers (new standard)

This standard defines environmental performance criteria for computer servers as defined in the Energy Star Server specifications, including managed servers and blade servers. This standard establishes criteria for multiple levels of environmental leadership and performance throughout the product life cycle, relating to reduction or elimination of environmentally sensitive materials, materials selection, design for end-of-life, life cycle extension, energy conservation, end-of-life management, corporate responsibility, and packaging.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/download.php/36082/426i2r2%20JC%20memo%20and%20ballot.pdf

Order from: Jessica Slomka, (734) 214-6219, jslomka@nsf.org

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

NSF (NSF International)

New Standard

BSR/NSF 457-201x (i1r1), Sustainability Leadership Standard for Photovoltaic Modules (new standard)

The purpose of this standard for Photovoltaic (PV) modules is to establish product sustainability performance criteria and corporate performance metrics that exemplify sustainability leadership in the market.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/download.php/36153/JC%20Memo%20and%20Ballot%20457i1r1.pdf

Order from: Jessica Slomka, (734) 214-6219, jslomka@nsf.org

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

NSF (NSF International)

Revision

BSR/NSF/CGI 355-201x (i2r1), Greener Chemicals and Processes Information (revision of ANSI/NSF/GCI 355-2011)

This Standard applies to products and processes at facilities in any global location(s). Corporate-level aspects such as social responsibility apply irrespective of the location of the corporate headquarters, business incorporation, or facilities associated with the conforming product and process. Facility-level aspects are limited to only those facilities where the conforming product and process is located.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/org/workgroup/chemicals_processes_information/ballot.php?id=4206\

Order from: Kianda Franklin, (734) 827-3813, kfranklin@nsf.org

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

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 60730-2-8-201X, Automatic Electrical Controls for Household and Similar Use; Part 2: Particular Requirements for Electrically Operated Water Valves, Including Mechanical Requirements (national adoption of IEC 60730-2-8 with modifications and revision of ANSI/UL 60730-2-8-2007 (R2012))

The IEC issued edition 2.2 of IEC 60730-2-8 in November 2015. The previous UL edition was based on edition 2.1 of IEC 60730-2-8. Therefore, UL is proposing to adopt the revisions contained in the second amendment to edition No. 2 of IEC 60730-2-8.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 181A-2013 (R201X), Standard for Closure Systems for Use with Rigid Air (reaffirmation of ANSI/UL 181A-2013)

UL proposes a reaffirmation for ANSI approval of UL 181A.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Nicolette Allen, (919) 549-0973, Nicolette.Allen@ul.com

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 181B-2013 (R201x), Standard for Closure Systems for Use with Flexible Air Ducts and Air Connectors (reaffirmation of ANSI/UL 181B-2013)

UL proposes a reaffirmation for UL 181B.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Griff Edwards, (919) 549-0956, griff.edwards@ul.com

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 810A-2012 (R201x), Standard for Safety for Electrochemical Capacitors (reaffirmation of ANSI/UL 810A-2012)

(1) Reaffirmation and continuance of the first edition of the Standard for Electrochemical Capacitors, UL 810A, as an American National Standard.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Megan Van Heirseele, (847) 664-2881, Megan.M.VanHeirseele@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 44-201X, Standard for Safety for Thermoset-Insulated Wires and Cables (Proposals dated 2/3/17) (revision of ANSI/UL 44-2014)

Proposed new edition of UL 44.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Linda Phinney, (510) 319 -4297, Linda.L.Phinney@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 498-201x, Standard for Safety for Attachment Plugs and Receptacles (revision of ANSI/UL 498-2016)

This is a revised version of the proposal for the identification of Horsepower ratings for ANSI/NEMA Configurations L25-30R and L26-30R in Tables 115.2 and 183.2 that was published by UL on December 2, 2016.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Derrick Martin, (510) 319 -4271, Derrick.L.Martin@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1277-201X, Standard for Safety for Electrical Power and Control Tray Cables with Optional Optical-Fiber Members (Proposals dated 2/3/17) (revision of ANSI/UL 1277-2013)

Simplified references, Rev. 3.2, 7.2, 9.3.1, 9.5.1, 12.1.2, 12.2.2, 20.1, and 21.1; Durability of Ink Printing Test, Rev. 25.1; Addition of requirements for Type MTW, Rev. 9.2.; Removal of obsolete Carbon-Arc Test, Rev. 20.1; Editorial correction to the millimeter value for average thickness of a jacket in table 11.2, Corrections to 29.1(p); Addition of requirements for Optional 90°C LDFRPE, HDFRPE, and TPU Jackets, Rev. Table 12.1; Deletion of footnote (a) in Table 21.1; Addition of jacket materials for Heat Shock Test, Rev. 22.1 and Table 22.1; Addition of test method for Pulling-Through-Joist Tests, New Section 25A; Markings for hazardous locations; Volt markings

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Linda Phinney, (510) 319 -4297, Linda.L.Phinney@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1699-201X, Standard for Safety for Arc-Fault Circuit-Interrupters (revision of ANSI/UL 1699-2013)

(1) Clarification of the Carbonized Path Arc Ignition Test; (2) Clarification of Supplement SA Requirements; (3) Revision to the Lamp Burnout Test to allow the use of higher wattage bulbs; (4) Addition of Supplement SC - AFCIs with Optional Automonitoring Function; (5) Revision to the Unwanted Tripping Test to address high wattage electronic dimmers; (6) Revision to 37.5 to include combination type AFCIs; (7) Revision to Supplement SA marking requirements; (8) Revision to performance tests for circuit-breaker-type AFCIs; (9) Additional installation instructions for circuit-breaker-type AFCIs.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 2115-201x, Standard for Safety for Processed Solid-Fuel Firelogs and Firestarters (revision of ANSI/UL 2115-2010 (R2014))

UL 2115 covers processed solid-fuel firelogs that are intended for use as an alternative fuel in factory-built fireplaces, solid-fuel burning appliances and masonry fireplaces. In addition, UL 2115 also covers processed solid-fuel fire starters, with a volatile fuel content not exceeding 75% of the total fuel content, intended for use in factory-built fireplaces, solid-fuel burning appliances, fireplace inserts and masonry fireplaces.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Gillian Ottley, (613) 368 -4427, Gillian.Ottley@ul.com

Projects Withdrawn from Consideration

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

ASABE (American Society of Agricultural and Biological Engineers)

BSR/ASABE/ISO 26322-2-2012 (R201x), Tractors for agriculture and forestry - Safety - Part 2: Narrow-track and small tractors (reaffirmation of ANSI/ASABE/ISO 26322-2-2012)

Inquiries may be directed to Carla VanGilder, (269) 932-7015, vangilder@asabe.org

ASABE (American Society of Agricultural and Biological Engineers)

BSR/ASAE EP502-1992 (R201x), Adjusting Forage Harvester Test Data for Varying Crop Moisture (reaffirmation of ANSI/ASAE EP502-1992 (R2012))

ASTM (ASTM International)

BSR/ASTM WK47077-201x, New Practice for Using Walkway Tribometry Data in Estimating Pedestrian Slip Resistance Thresholds (new standard)

ASTM (ASTM International)

BSR/ASTM WK51099-201x, New Practice for Determination of Lower Limit of Quantitation of a Test Method (new standard)

ASTM (ASTM International)

BSR/ASTM WK54654-201x, New Test Method for Screening Identification of a Burnable Substance in a Heated Atmospheric Tank (new standard)

Notice of Withdrawn ANS by an ANSI-Accredited Standards Developer

In accordance with clause 4.2.1.3.2 Withdrawal by ANSI-Accredited Standards Developer of the ANSI Essential Requirements, the following American National Standards have been withdrawn as an ANS.

NFSI (National Floor Safety Institute)

ANSI/NFSI B101.0-2012, Walkway Surface Auditing Procedure for the Measurement of Walkway Slip Resistance

Inquiries may be directed to Russell Kendzior, (817) 749-1705, russk@nfsi.org

NFSI (National Floor Safety Institute)

ANSI/NFSI B101.6-2012, Standard Guide for Commercial Entrance Matting in Reducing Slips, Trips and Falls

Inquiries may be directed to Russell Kendzior, (817) 749-1705, russk@nfsi.org

Withdrawal

Withdrawal of American National Standards – Effective January 4, 2017

The following standards have been withdrawn by the ANSI Board of Standards Review (BSR) as American National Standards (ANS) effective January 4, 2017. For further information, please contact Laura Cooper (laurac@nfsi.org):

- NFSI B101.0-2012, Walkway Surface Auditing Procedure for the Measurement of Walkway Slip Resistance

- NFSI B101.6-2012, Standard Guide for Commercial Entrance Matting in Reducing Slips, Trips and Falls

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: *Jennifer Moyer*

Phone: (703) 253-8274

Fax: (703) 276-0793

E-mail: jmoyer@aami.org

BSR/AAMI/ISO 27185-2012 (R201x), Cardiac rhythm management devices - Symbols to be used with cardiac rhythm management device labels, and information to be supplied - General requirements (reaffirmation of ANSI/AAMI/ISO 27185-2012)

AMCA (Air Movement and Control Association)

Office: 30 West University Drive
Arlington Heights, IL 60004-1893

Contact: *Erin Moore*

Phone: (847) 704-6285

E-mail: emoore@amca.org

BSR/AMCA Standard 500-L-201x, Laboratory Methods of Testing Louvers for Rating (revision of ANSI/AMCA Standard 500-L-2015)

ASA (ASC S1) (Acoustical Society of America)

Office: 1305 Walt Whitman Road Suite 300
Melville, NY 11747

Contact: *Neil Stremmel*

Phone: (631) 390-0215

Fax: (631) 923-2875

E-mail: asastds@acousticalsociety.org

BSR ASA S1.20-201x, Procedures for Calibration of Underwater Electroacoustic Transducers (revision of ANSI ASA S1.20-2012)

ASSE (Safety) (American Society of Safety Engineers)

Office: 520 N. Northwest Highway
Park Ridge, IL 60068

Contact: *Tim Fisher*

Phone: (847) 768-3411

Fax: (847) 296-9221

E-mail: TFisher@ASSE.org

BSR/ASSE Z10-201X, Occupational Health and Safety Management Systems (revision of ANSI/AIHA Z10-2012)

BSR/ASSE Z359.18-201X, Safety Requirements for Anchorage Connectors for Active Fall Protection Systems (new standard)

AWS (American Welding Society)

Office: 8669 NW 36th Street, #130
Miami, Florida 33166-6672

Contact: *Annik Babinski*

Phone: (800) 443-9353

Fax: (305) 443-5951

E-mail: ababinski@aws.org

BSR/AWS D8.1M-201x, Specification for Automotive Weld Quality - Resistance Spot Welding of Steel (revision of ANSI/AWS D8.1M -2013)

ECIA (Electronic Components Industry Association)

Office: 2214 Rock Hill Road
Suite 265
Herndon, VA 20170-4212

Contact: *Laura Donohoe*

Phone: (571) 323-0294

Fax: (571) 323-0245

E-mail: ldonohoe@ecianow.org

BSR/EIA 364-96A-201x, Plated Through Hole Integrity Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364 -96-2002 (R2016))

NFRC (National Fenestration Rating Council)

Office: 6305 Ivy Lane
Suite 140
Greenbelt, MD 20770

Contact: *Robin Merrifield*

Phone: (240) 821-9513

Fax: (301) 589-3884

E-mail: rmerrifield@nfrc.org

BSR/NFRC 100-201x, Procedure for Determining Fenestration Product U-factors (revision and redesignation of ANSI/NFRC 100 [E0A1] -2015)

BSR/NFRC 200-201x, Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence (revision and redesignation of ANSI/NFRC 200-2014)

BSR/NFRC 400-2014 (R201x), Procedure for Determining Fenestration Product Air Leakage (reaffirmation of ANSI/NFRC 400-2014)

NSF (NSF International)

Office: 789 N. Dixboro Road
Ann Arbor, MI 48105-9723

Contact: *Jessica Slomka*

Phone: (734) 214-6219

E-mail: jslomka@nsf.org

BSR/IEEE 1680.4/NSF 426-201x (i2r2), Standard for Environmental Leadership Assessment of Servers (new standard)

BSR/NSF 457-201x (i1r1), Sustainability Leadership Standard for Photovoltaic Modules (new standard)

UL (Underwriters Laboratories, Inc.)

Office: 333 Pfingsten Road
Northbrook, Illinois 60062

Contact: *Megan Monsen*

Phone: (847) 664-1292

E-mail: megan.monsen@ul.com

BSR/UL 1081-201x, Standard for Safety for Swimming Pool Pumps, Filters, and Chlorinators (revision of ANSI/UL 1081-2016)

Call for Members (ANS Consensus Bodies)

ASTM International Committee E62 on Industrial Biotechnology

ASTM International Committee E62 on Industrial Biotechnology (https://www.astm.org/COMMITTEE/E62.htm) is welcoming new members (in all interest groups) interested in contributing to the development of standards in areas such as:

- Differentiation of petroleum based materials from bio based raw materials
- Forms of biomass commonly used or proposed for use as feed stocks
- Carbohydrates and oils (not limited to these 2 areas) derived from biomass
- Determination of (and percentage of) green content
- Life Cycle Analysis used within industrial biotechnology
- “Drop-in” chemicals
- Analysis/testing of new chemicals and materials created by industrial biotechnology
- Assessment of purity and/or use/development of impurity profiles
- Labeling

If you are interested in joining Committee E62, please contact ASTM Director of Developmental Operations, Pat Picariello at ppicariello@astm.org, or visit the Membership area of the ASTM website (https://www.astm.org/MEMBERSHIP/index.html).

Call for Members (ANS Consensus Bodies)

ASTM International Committee E63 on Human Resource Management

ASTM International Committee E63 on Human Resource Management (https://www.astm.org/COMMITTEE/E63.htm) is welcoming new members (in all interest groups) interested in contributing to the development of standards in areas such as:

- Diversity & Inclusion
- Terminology
- Metrics and Measures
- Compensation and Benefits
- Employee and Labor Relations
- Staffing and Workforce Planning
- Organizational Development and Change Management
- Mergers, Acquisitions, and Outsourcing
- Performance Management
- Sustainability and Workforce Readiness
- Training and Employee Development

If you are interested in joining Committee E63, please contact ASTM Director of Developmental Operations, Pat Picariello at ppicariello@astm.org or visit the Membership area of the ASTM website (https://www.astm.org/MEMBERSHIP/index.html).

Call for Members (ANS Consensus Bodies)

ASTM International Committee F42 on Additive Manufacturing Technologies

ASTM International Committee F42 on Additive Manufacturing Technologies (https://www.astm.org/COMMITTEE/F42.htm) is welcoming new members (in all interest groups) interested in contributing to the development of standards in areas outlined in the newly revised Additive Manufacturing Standards Structure (https://www.astm.org/COMMIT/F42_ISOASTM_AdditiveManuStandardsStructure.pdf) – topics under development include, but are not limited to:

- WK56649 Guide for Intentionally Seeding Flaws in Additively Manufactured (AM) Parts
- WK55297 Additive Manufacturing – General Principles – Standard Test Artefacts for Additive Manufacturing
- WK54856 Principles of Design Rules in Additive Manufacturing
- WK53425 Thermal Post Processing of Metal Powder Bed Fusion Parts
- WK53878 Additive Manufacturing – Material Extrusion Based Additive Manufacturing of Plastic Materials – Part 1: Feedstock materials
- WK53879 Additive Manufacturing – Material Extrusion Based Additive Manufacturing of Plastic Materials – Part 2: Process-equipment
- WK53880 Additive Manufacturing – Material Extrusion Based Additive Manufacturing of Plastic Materials: Final Part Specification

If you are interested in joining Committee F42, please contact ASTM Director of Developmental Operations, Pat Picariello at ppicariello@astm.org or visit the Membership area of the ASTM website (https://www.astm.org/MEMBERSHIP/index.html).

Call for Members (ANS Consensus Bodies)

Call for Committee Members

ASC O1 – Safety Requirements for Woodworking Machinery

Are you interested in contributing to the development and maintenance of valuable industry safety standards? The ASC O1 is currently looking for members in the following categories:

- General Interest
- Government
- Producer
- User

If you are interested in joining the ASC O1, contact WMMA Associate Director Jennifer Miller at jennifer@wmma.org.

Final Actions on American National Standards

The standards actions listed below have been approved by the ANSI Board of Standards Review (BSR) or by an ANSI-Audited Designator, as applicable.

ASABE (American Society of Agricultural and Biological Engineers)

Reaffirmation

ANSI/ASABE/ISO 14269-1-2006 (R2017), Tractors and self-propelled machines for agriculture and forestry - Operator enclosure environment - Part 1: Vocabulary (reaffirmation of ANSI/ASABE/ISO 14269-1-2006 (R2012)): 1/23/2017

ANSI/ASABE/ISO 14269-2-2006 (R2017), Tractors and self-propelled machines for agriculture and forestry - Operator enclosure environment - Part 2: Heating, ventilation and air-conditioning test method and performance (reaffirmation of ANSI/ASABE/ISO 14269 -2-2006 (R2012)): 1/23/2017

ANSI/ASABE/ISO 14269-3-2006 (R2017), Tractors and self-propelled machines for agriculture and forestry - Operator enclosure environment - Part 3: Determination of effect of solar heating (reaffirmation of ANSI/ASABE/ISO 14269-3-2006 (R2012)): 1/23/2017

ANSI/ASABE/ISO 14269-4-2006 (R2017), Tractors and self-propelled machines for agriculture and forestry - Operator enclosure environment - Part 4: Air filter element test method (reaffirmation of ANSI/ASABE/ISO 14269-4-2006 (R2012)): 1/23/2017

ANSI/ASABE/ISO 14269-5-2006 (R2017), Tractors and self-propelled machines for agriculture and forestry - Operator enclosure environment - Part 5: Pressurization system test method (reaffirmation of ANSI/ASABE/ISO 14269-5-2006 (R2012)): 1/23/2017

ANSI/ASAE S351-1982 (R2017), Hand Signals for Use in Agriculture (reaffirmation of ANSI/ASAE S351-1982 (R2011)): 1/23/2017

ANSI/ASAE S365.9-2011 (R2017), Braking System Test Procedures and Braking Performance Criteria for Agricultural Field Equipment (reaffirmation of ANSI/ASAE S365.9-2011): 1/23/2017

ECIA (Electronic Components Industry Association)

Reaffirmation

ANSI/EIA 364-12A-2005 (R2017), Restricted Entry Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-12A-2005 (R2010)): 1/23/2017

ANSI/EIA 364-62A-2004 (R2017), Terminal Strength Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-62A-2004 (R2010)): 1/23/2017

ANSI/EIA 364-81A-2005 (R2017), Combustion Characteristics Test Procedure for Electrical Connector Housings, Connector Assemblies and Sockets (reaffirmation of ANSI/EIA 364-81A-2005 (R2010)): 1/23/2017

ANSI/EIA 364-82A-2005 (R2017), Corrosivity of Plastics Test Procedure for Electrical Connector and Socket Housings (reaffirmation of ANSI/EIA 364-82A-2005 (R2010)): 1/23/2017

NEMA (ASC C82) (National Electrical Manufacturers Association)

Revision

* ANSI C82.11-2017, Lamp Ballasts: High Frequency Fluorescent Lamp Ballasts (revision of ANSI C82.11-2011): 1/23/2017

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

New National Adoption

ANSI/CGATS/ISO 12646-2017, Graphic technology - Displays for colour proofing - Characteristics (identical national adoption of ISO 12646-2015 and revision of ANSI/CGATS/ISO 12646-2008): 1/23/2017

UL (Underwriters Laboratories, Inc.)

Reaffirmation

ANSI/UL 1004-6-2012 (R2017), Standard for Servo and Stepper Motors (Proposal dated 12-2-16) (reaffirmation of ANSI/UL 1004-6 -2012): 1/23/2017

ANSI/UL 1602-2011 (R2017), Standard for Safety for Gasoline-Engine-Powered, Rigid-Cutting-Member Edgers and Edger Trimmers (reaffirmation of ANSI/UL 1602-2011): 1/20/2017

Revision

ANSI/UL 444-2017, Standard for Safety for Communications Cables (Proposals Dated 6/3/16) (revision of ANSI/UL 444-2015): 1/20/2017

Project Initiation Notification System (PINS)

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

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

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

ABYC (American Boat and Yacht Council)

Office: 613 Third Street, Suite 10
Annapolis, MD 21403

Contact: *Lynn Lipsey*

E-mail: llipsey@abycinc.org

* BSR/ABYC H-5-201x, Boat Load Capacity (revision of ANSI/ABYC H-5 -2016)

Stakeholders: Surveyors, consumers, insurance personnel, boat manufacturers, engine manufacturers, accessory manufacturers, government, service specialists, and trade associations

Project Need: This standard identifies safety issues with boat load capacity.

This standard is a guide for determining the maximum weight and persons capacity of boats.

* BSR/ABYC H-31-201x, Seat Structures (revision of ANSI/ABYC H-31 -2015)

Stakeholders: Surveyors, consumers, insurance personnel, boat manufacturers, engine manufacturers, accessory manufacturers, government, service specialists, and trade associations

Project Need: This standard identifies safety issues with seat structures.

This standard is a guide for the design, testing, construction and installation of permanently installed seating systems in boats.

AMCA (Air Movement and Control Association)

Office: 30 West University Drive
Arlington Heights, IL 60004-1893

Contact: *Erin Moore*

E-mail: emoore@amca.org

* BSR/AMCA Standard 500-L-201x, Laboratory Methods of Testing Louvers for Rating (revision of ANSI/AMCA Standard 500-L-2015)

Stakeholders: Louver manufacturers, building engineers, product consumers, regulatory bodies.

Project Need: This standard develops laboratory test methods for louvers.

This standard may be used as a basis for testing louvers with air used as the test gas. Tests conducted in accordance with the requirements of this standard are intended to demonstrate the performance of a louver and are not intended to determine acceptability level of performance. It is not the scope of this standard to indicate actual sequences of testing, nor is it in its scope to specify minimum or maximum criteria for testing. The parties to a test for guarantee purposes may agree to exceptions to this standard in writing, prior to the test.

ANS (American Nuclear Society)

Office: 555 North Kensington Avenue
La Grange Park, IL 60526

Contact: *Kathryn Murdoch*

Fax: (708) 579-8248

E-mail: kmurdoch@ans.org

BSR/ANS 8.26-201x, Criticality Safety Engineer Training and Qualification Program (revision of ANSI/ANS 8.26-2007 (R2016))

Stakeholders: USDOE and USNRC criticality safety staff; DOE contractor and NRC licensee criticality safety staff.

Project Need: Revision needed to address comments by ANS-8 and N16 members during 2012 reaffirmation balloting.

This standard presents the fundamental elements of a training and qualification program for individuals with responsibilities for performing the various technical aspects of criticality safety engineering. The standard presents a flexible array of competencies for use by management to develop tailored training and qualification programs applicable to site-specific job functions, facilities, and operations.

ASA (ASC S1) (Acoustical Society of America)

Office: 1305 Walt Whitman Road Suite 300
Melville, NY 11747

Contact: *Neil Stremmel*

Fax: (631) 923-2875

E-mail: asastds@acousticalsociety.org

BSR ASA S1.20-201x, Procedures for Calibration of Underwater Electroacoustic Transducers (revision of ANSI ASA S1.20-2012)

Stakeholders: U.S. Government Agencies, military organizations, DoD, DoD contractors, private industry, educational institutions, acoustic researchers, and the maritime industry.

Project Need: This standard is the guideline in use within the underwater acoustic community. It provides a common language and a set of standard procedures for the calibration of underwater acoustic devices. It is desirable to update the standard to accommodate new research areas and to address a uniformity of language to promulgate a commonality of understanding for those working in this field and qualifying device performance.

This standard primarily establishes measurement protocols for quantitatively testing/calibrating underwater electroacoustic transducer's operational capabilities; it also describes forms for presenting the resultant data.

ASSE (Safety) (American Society of Safety Engineers)

Office: 520 N. Northwest Highway
Park Ridge, IL 60068

Contact: *Tim Fisher*

Fax: (847) 296-9221

E-mail: TFisher@ASSE.org

BSR/ASSE Z10-201X, Occupational Health and Safety Management Systems (revision of ANSI/AIHA Z10-2012)

Stakeholders: Occupational safety and health professionals and those persons with responsibility for occupational safety and health.

Project Need: Based upon the consensus of ASSE.

This standard defines minimum requirements for an occupational health and safety management system (OHSMS). Public review of a proposed reaffirmation of Z10 concluded at the end of Calendar Year 2016. We are now planning to finalize the reaffirmation of Z10 and then proceed with the revision of the standard.

ATIS (Alliance for Telecommunications Industry Solutions)

Office: 1200 G Street NW
Suite 500
Washington, DC 20005

Contact: *Alexandra Blasgen*

E-mail: ablasgen@atis.org

BSR/ATIS 0300251-201x, Codes for Identification of Service Providers for Information Exchange (revision of ANSI ATIS 0300251-2007 (R2012))

Stakeholders: Communications industry.

Project Need: There is a need to update normative references, terminology, and informative references.

This standard provides the specifications and characteristics of codes used to represent service providers. Its intended use is to provide a standard that facilitates information exchange among humans and machines.

AWS (American Welding Society)

Office: 8669 NW 36th Street, #130
Miami, Florida 33166-6672

Contact: *Annik Babinski*

Fax: (305) 443-5951

E-mail: ababinski@aws.org

BSR/AWS D8.1M-201x, Specification for Automotive Weld Quality - Resistance Spot Welding of Steel (revision of ANSI/AWS D8.1M -2013)

Stakeholders: Resistance welding community, Automotive welding community.

Project Need: This specification defines quality characteristics and metrics pertinent to resistance spot welds on steels used in automotive applications. The evaluation methods and inspection criteria specified herein can be used to evaluate the effectiveness of particular welding equipment and procedures used to weld a particular base material combination. The criteria and metrics are the same for all welds regardless of the service load.

This document contains both visual and measurable acceptance criteria for resistance spot welds in steels. The information contained in this standard may be used as an aid by designers, resistance-welding equipment manufacturers, welded product producers, and others involved in the automotive industry and resistance spot welding of steels.

CAAS (Commission on Accreditation of Ambulance Services)

Office: 1926 Waukegan Road
Suite 300
Glenview, IL 60025

Contact: *Marcie McGlynn*

E-mail: marciem@tcag.com

* BSR/CAAS v3.0-201x, CAAS Standards Version 3.0 (new standard)

Stakeholders: Ground ambulance services, patients, providers, ambulance manufacturers, EMS equipment manufacturers, EMS State agencies/officials, EMS industry groups/associations, government entities, owner/operators, medical representatives.

Project Need: The CAAS Standards safeguard the protection of ambulance crews, their patients and enhance the quality of the ambulance services provided to communities. The approval of the CAAS Standards Version 3.0 would encourage more ambulance services to incorporate the CAAS Standards. The promulgation of the CAAS Standards would increase the safety of patients being transported and improve the quality and efficiency of ambulance services.

CAAS Standards Version 3.0 is designed to provide administrative and operational guidelines for the entire EMS/ground ambulance transportation industry. It establishes standardized administrative and operational requirements in the areas of organizational management, inter-agency relations, general management, financial management, community relations, public affairs, human resources, clinical standards, safe operations, managing risk, equipment, vehicles, facilities and communications centers.

American National Standards Maintained Under Continuous Maintenance

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

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

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

- AAMI (Association for the Advancement of Medical Instrumentation)
- AAMVA (American Association of Motor Vehicle Administrators)
- AGA (American Gas Association)
- AGSC (Auto Glass Safety Council)
- ASC X9 (Accredited Standards Committee X9, Incorporated)
- ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
- ASME (American Society of Mechanical Engineers)
- ASTM (ASTM International)
- GBI (The Green Building Initiative)
- GEIA (Greenguard Environmental Institute)
- HL7 (Health Level Seven)
- IESNA (The Illuminating Engineering Society of North America)
- 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)
- PRCA (Professional Ropes Course Association)
- RESNET (Residential Energy Services Network)
- TIA (Telecommunications Industry Association)
- UL (Underwriters Laboratories, Inc.)

To obtain additional information with regard to these standards, including contact information at the ANSI Accredited Standards Developer, please visit *ANSI Online* at www.ansi.org/asd, select “Standards Activities,” click on “Public Review and Comment” and “American National Standards Maintained Under Continuous Maintenance.” This information is also available directly at www.ansi.org/publicreview.

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

ANSI-Accredited Standards Developers Contact Information

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

AAMI
Association for the Advancement of Medical Instrumentation
4301 N Fairfax Drive
Suite 301
Arlington, VA 22203-1633
Phone: (703) 253-8274
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
Web: www.abycinc.org

AMCA
Air Movement and Control Association
30 West University Drive
Arlington Heights, IL 60004-1893
Phone: (847) 704-6285
Web: www.amca.org

ANS
American Nuclear Society
555 North Kensington Avenue
La Grange Park, IL 60526
Phone: (708) 579-8268
Fax: (708) 579-8248
Web: www.ans.org

ASA (ASC S1)
Acoustical Society of America
1305 Walt Whitman Road Suite 300
Melville, NY 11747
Phone: (631) 390-0215
Fax: (631) 923-2875
Web: www.acousticalsociety.org

ASA (ASC S12)
Acoustical Society of America
1305 Walt Whitman Rd
Suite 300
Melville, NY 11747
Phone: (631) 390-0215
Fax: (631) 923-2875
Web: www.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

ASHRAE
American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
1791 Tullie Circle, NE
Atlanta, GA 30329-2305
Phone: (678) 539-1125
Fax: (678) 539-1125
Web: www.ashrae.org

ASSE (Safety)
American Society of Safety Engineers
520 N. Northwest Highway
Park Ridge, IL 60068
Phone: (847) 768-3411
Fax: (847) 296-9221
Web: www.asse.org

ATIS
Alliance for Telecommunications Industry Solutions
1200 G Street NW
Suite 500
Washington, DC 20005
Phone: (202) 434-8840
Web: www.atis.org

AWS
American Welding Society
8669 NW 36th Street, #130
Miami, Florida 33166-6672
Phone: (800) 443-9353
Fax: (305) 443-5951
Web: www.aws.org

CAAS
Commission on Accreditation of Ambulance Services
1926 Waukegan Road
Suite 300
Glenview, IL 60025
Phone: (847) 657-6828 ext. 3016
Web: www.caas.org

ECIA
Electronic Components Industry Association
2214 Rock Hill Road
Suite 265
Herndon, VA 20170-4212
Phone: (571) 323-0294
Fax: (571) 323-0245
Web: www.ecianow.org

NASBLA
National Association of State Boating Law Administrators
1648 McGrathiana Parkway
Suite 360
Lexington, KY 40511
Phone: (859) 225-9487
Web: www.nasbla.org

NEMA (ASC C12)
National Electrical Manufacturers Association
1300 North 17th Street
Suite 900
Rosslyn, VA 22209
Phone: (703) 841-3278
Fax: (703) 841-3367
Web: www.nema.org

NEMA (ASC C82)
National Electrical Manufacturers Association
1300 N 17th St
Rosslyn, VA 22209
Phone: 703-841-3262
Fax: 703-841-3362
Web: www.nema.org

NFRC
National Fenestration Rating Council
6305 Ivy Lane
Suite 140
Greenbelt, MD 20770
Phone: (240) 821-9513
Fax: (301) 589-3884
Web: www.nfrc.org

NFSI
National Floor Safety Institute
P.O. Box 92607
Southlake, TX 76092
Phone: (817) 749-1700
Fax: (817) 749-1702
Web: www.nfsi.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 48105-9723
Phone: (734) 214-6219
Web: www.nsf.org

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

ISO & IEC Draft International Standards

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

Comments

Comments regarding ISO documents should be sent to ANSI's ISO Team (isot@ansi.org); those regarding IEC documents should be sent to Tony Zertuche, General Secretary, USNC/IEC, at ANSI's New York offices (tzertuche@ansi.org). The final date for offering comments is listed after each draft.

Ordering Instructions

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

ISO Standards

ACOUSTICS (TC 43)

ISO/DIS 4869-6, Acoustics - Hearing protectors - Part 6: Determination of sound attenuation of active noise reduction earmuffs - 2/17/2017, $46.00

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO/DIS 34101-4, Sustainable and traceable cocoa beans - Part 4: Requirements for certification schemes - 2/18/2017, $67.00

BANKING AND RELATED FINANCIAL SERVICES (TC 68)

ISO/DIS 21188, Public key infrastructure for financial services - Practices and policy framework - 2/19/2017, $175.00

DENTISTRY (TC 106)

ISO/DIS 7492, Dentistry - Dental explorer - 4/20/2017, $53.00

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

ISO/DIS 25178-600, Geometrical product specifications (GPS) - Surface texture: Areal - Part 600: Metrological characteristics for areal-topography measuring methods - 4/21/2017, $82.00

FASTENERS (TC 2)

ISO/DIS 898-3, Mechanical properties of fasteners made of carbon steel and alloy steel - Part 3: Washers - 2/18/2017, $67.00

FREIGHT CONTAINERS (TC 104)

ISO/DIS 3874, Series 1 freight containers - Handling and securing - 2/18/2017, $165.00

GEOGRAPHIC INFORMATION/GEOMATICS (TC 211)

ISO 19157/DAmd1, Geographic information - Data quality - Amendment 1: Describing data quality using coverages - 4/16/2017, $40.00

ISO/DIS 19123-2, Geographic information - Schema for coverage geometry and functions - Part 2: Coverage implementation schema - 4/19/2017, $98.00

GRAPHIC TECHNOLOGY (TC 130)

ISO/DIS 20690, Graphic technology - Guidelines to determine the operating power consumption of digital printing devices - 2/20/2017, $82.00

MATERIALS, EQUIPMENT AND OFFSHORE STRUCTURES FOR PETROLEUM AND NATURAL GAS INDUSTRIES (TC 67)

ISO/DIS 15138, Petroleum and natural gas industries - Offshore production installations - Heating, ventilation and air-conditioning - 4/19/2017, $175.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO/DIS 29821, Condition monitoring and diagnostics of machines - Ultrasound - General guidelines, procedures and validation - 4/15/2017, $93.00

NUCLEAR ENERGY (TC 85)

ISO/DIS 19226, Nuclear energy - Determination of neutron fluence and displacement per atom (dpa) in reactor vessel and internals - 2/16/2017, $58.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO/DIS 11979-10, Ophthalmic implants - Intraocular lenses - Part 10: Clinical investigations of intraocular lenses for correction of ametropia in phakic eyes - 2/15/2017, $71.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO/DIS 20623, Petroleum and related products - Determination of the extreme-pressure and anti-wear properties of lubricants - Four-ball method (European conditions) - 2/19/2017, $71.00

ISO/DIS 15029-2, Petroleum and related products - Determination of spray ignition characteristics of fire-resistant fluids - Part 2: Spray test - Stabilized flame heat release spray method - 11/13/2007, $93.00

PHOTOGRAPHY (TC 42)

ISO/DIS 516, Photography - Camera mechanical shutters - General definition and mechanical shutter measurements - 4/19/2017, $71.00

POWDER METALLURGY (TC 119)

ISO/DIS 4490, Metallic powders - Determination of flow rate by means of a calibrated funnel (Hall flowmeter) - 4/16/2017, $40.00

REFRACTORIES (TC 33)

ISO/DIS 16169, Preparation of silicon carbide and similar materials for analysis by ISO 12677 X-ray fluorescence (XRF) - Fused cast-bead method - 2/15/2017, $82.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 7619-1, Rubber, vulcanized or thermoplastic - Determination of indentation hardness - Part 1: Durometer method (Shore hardness) - 4/20/2017, $62.00

STEEL (TC 17)

ISO/DIS 10144, Steels for the reinforcement and prestressing of concrete - Certification scheme for steel bars and wires - 2/15/2017, $53.00

ISO/DIS 15461, Steel forgings - Testing frequency, sampling conditions and test methods for mechanical tests - 2/16/2017, $88.00

ISO/DIS 15630-1, Steel for the reinforcement and prestressing of concrete - Test methods - Part 1: Reinforcing bars, wire rod and wire - 2/16/2017, $88.00

ISO/DIS 15630-2, Steel for the reinforcement and prestressing of concrete - Test methods - Part 2: Welded fabric and lattice girder - 2/16/2017, $82.00

ISO/DIS 15630-3, Steel for the reinforcement and prestressing of concrete - Test methods - Part 3: Prestressing steel - 2/16/2017, $93.00

ISO/DIS 15835-1, Steels for the reinforcement of concrete - Reinforcement couplers for mechanical splices of bars - Part 1: Requirements - 2/16/2017, $46.00

ISO/DIS 15835-2, Steels for the reinforcement of concrete - Reinforcement couplers for mechanical splices of bars - Part 2: Test methods - 2/16/2017, $53.00

ISO/DIS 15835-3, Steels for the reinforcement of concrete - Reinforcement couplers for mechanical splices of bars - Part 3: Conformity assessment scheme - 2/16/2017, $40.00

SURFACE CHEMICAL ANALYSIS (TC 201)

ISO/DIS 20289, Surface chemical analysis - Total reflection X-ray fluorescence analysis of water - 2/16/2017, $82.00

TIMBER STRUCTURES (TC 165)

ISO/DIS 9709, Structural timber - Visual strength grading - Basic principles - 4/12/2017, $98.00

ISO/DIS 13912, Structural timber - Machine strength grading - Basic principles - 4/12/2017, $88.00

TOBACCO AND TOBACCO PRODUCTS (TC 126)

ISO/DIS 21045, Tobacco and tobacco products - Determination of ammonia - Method using ion chromatographic analysis - 4/21/2017, $58.00

TRANSFUSION, INFUSION AND INJECTION EQUIPMENT FOR MEDICAL USE (TC 76)

ISO/DIS 13926-2, Pen systems - Part 2: Plunger stoppers for pen-injectors for medical use - 2/15/2017, $71.00

WATER QUALITY (TC 147)

ISO/DIS 7393-2, Water quality - Determination of free chlorine and total chlorine - Part 2: Colorimetric method using N,N-diethyl-1,4-phenylenediamine, for routine control purposes - 2/19/2017, $67.00

ISO/DIS 16266-2, Water quality - Detection and enumeration of Pseudomonas aeruginosa - Part 2: Most probable number method - 4/16/2017, $125.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 24770-5, Information technology -Real-time locating system (RTLS) device performance test methods - Part 5: Test methods for chirp spread spectrum (CSS) air interface - 4/16/2017, $46.00

ISO/IEC DIS 19794-13, Information technology - Biometric data interchange formats - Part 13: Voice data - 2/16/2017, $98.00

ISO/IEC DIS 19823-13, Information technology - Conformance test methods for security service crypto suites - Part 13: Cryptographic Suite Grain-128A - 4/14/2017, $93.00

IEC Standards

2/1857/FDIS, IEC 60034-1 ED13: Rotating electrical machines - Part 1: Rating and performance, 2017/3/10

3/1301/CDV, ISO 81346-12 ED1: Industrial systems, installations and equipment and industrial products - Structuring principles and reference designations - Part 12: Buildings and building services, 2017/4/21

4/318/CDV, IEC 62364 ED2: Hydraulic machines - Guide for dealing with hydro-abrasive erosion in Kaplan, Francis and Pelton turbines, 2017/4/21

14/892/FDIS, IEC/IEEE 60076-57-1202 ED1: Power transformers - Part 57-1202: Liquid immersed phase-shifting transformers, 2017/3/10

14/888/CDV, IEC/IEEE 60076-16 ED2: Power transformers - Part 16: Transformers for wind turbine applications, 2017/4/21

21/913/NP, PNW 21-913: Lead-Acid Starter Batteries - Part 6: Batteries for Micro-Cycle Applications, 2017/4/21

21/912/NP, PNW 21-912: Lead-Acid Starter Batteries - Part 7: General requirements and methods of test for motorcycle batteries, 2017/4/21

21/914/CD, IEC 60095-1 ED8: Lead-acid starter batteries - Part 1: General requirements and methods of test, 2017/4/21

23A/831/FDIS, IEC 61386-1/AMD1 ED2: Conduit systems for cable management - Part 1: General requirements, 2017/3/10

23G/379/CDV, IEC 60320-2-4 ED2: Appliance couplers for household and similar general purposes - Part 2-4: Couplers dependent on appliance weight for engagement, 2017/4/21

23G/377/CDV, IEC 60320-2-1 ED3: Appliance couplers for household and similar general purposes - Part 2-1: Sewing machine couplers, 2017/4/21

23G/378/CDV, IEC 60320-2-3 ED2: Appliance couplers for household and similar general purposes - Part 2-3: Appliance couplers with a degree of protection higher than IPX0, 2017/4/21

23G/380/CDV, IEC 60799 ED3: Electrical accessories - Cord sets and interconnection cord sets, 2017/4/21

23H/369/CDV, IEC 62986 ED1: Plugs, socket-outlets and couplers with arcuate contacts, 2017/4/21

34D/1257/FDIS, IEC 60598-2-4 ED3: Luminaires - Part 2: Particular requirements - Section 4: Portable general purpose luminaires, 2017/3/10

37/434/CDV, IEC 60099-8 ED2: Surge arresters - Part 8: Metal-oxide surge arresters with external series gap (EGLA) for overhead transmission and distribution lines of a.c. systems above 1 kV, 2017/4/21

38/538/CD, IEC 61869-220: Instrument transformers - Part 220: Safety requirements for Instrument Transformers for low voltage applications, 2017/4/21

38/537/CD, IEC 61869-201: Instrument transformers - Part 201: General requirements for Instrument Transformers for low voltage applications, 2017/4/21

45A/1131/CD, IEC/IEEE 62582-6 ED1: Nuclear power plants - Instrumentation and control important to safety - Electrical equipment condition monitoring methods - Part 6: Insulation resistance, 2017/4/21

46C/1065/CD, IEC 62222 ED3: Fire performance of communication cables installed in buildings, 2017/4/21

47/2365/NP, PNW 47-2365: Future IEC 62779-4 Ed.1.0: Semiconductor devices - Semiconductor interface for human body communication- Part 4: Semiconductor interface for capsule endoscopy using human body communication, 2017/3/24

47/2337/CDV, IEC 62969-3 ED1: Semiconductor devices - Semiconductor interface for automotive vehicles - Part 3: Shock driven piezoelectric energy harvesting for automotive vehicle sensors, 2017/4/21

47/2343/CDV, IEC 60749-26 ED4: Semiconductor devices - Mechanical and climatic test methods - Part 26: Electrostatic discharge (ESD) sensitivity testing - Human body model (HBM), 2017/4/21

48B/2551/CD, IEC 60512-28-100 ED2: Connectors for electronic equipment - Tests and measurements - Part 28-100: Signal integrity tests up to 1 000 MHz on IEC 60603-7 and IEC 61076-3 series connectors - Tests 28a to 28g, 2017/3/24

59F/321/CD, IEC TS 62885-1 ED2: Surface cleaning appliances - Part 1: General requirements on test material and test equipment, 2017/4/21

61/5315A/CDV, IEC 60335-2-60 ED4: Household and similar electrical appliances - Safety - Part 2-60: Particular requirements for whirlpool baths and whirlpool spas, 2017/4/14

61/5324/FDIS, IEC 60335-2-39/AMD1 ED6: Amendment 1 - Household and similar electrical appliances - Safety - Part 2-39: Particular requirements for commercial electric multi-purpose cooking pans, 2017/3/10

61/5325/FDIS, IEC 60335-2-42/AMD2 ED5: Amendment 2 - Household and similar electrical appliances - Safety - Part 2-42: Particular requirements for commercial electric forced convection ovens, steam cookers and steam-convection ovens, 2017/3/10

61/5326/FDIS, IEC 60335-2-47/AMD2 ED4: Amendment 2 - Household and similar electrical appliances - Safety - Part 2-47: Particular requirements for commercial electric boiling pans, 2017/3/10

61/5322/FDIS, IEC 60335-2-48/AMD2 ED4: Amendment 2 - Household and similar electrical appliances - Safety - Part 2-48: Particular requirements for commercial electric grillers and toasters, 2017/3/10

61/5327/FDIS, IEC 60335-2-36 ED6: Household and similar electrical appliances - Safety - Part 2-36: Particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements, 2017/3/10

61/5328/FDIS, IEC 60335-2-37 ED6: Household and similar electrical appliances - Safety - Part 2-37: Particular requirements for commercial electric doughnut fryers and deep fat fryers, 2017/3/10

61/5313/CDV, IEC 60335-2-12/AMD2 ED5: Household and similar electrical appliances - Safety - Part 2-12: Particular requirements for warming plates and similar appliances, 2017/4/21

61C/694/FDIS, IEC 60335-2-24/AMD2 ED7: Amendment 2: Household and similar electrical appliances - Safety - Part 2-24: Particular requirements for refrigerating appliances, ice-cream appliances and ice makers, 2017/3/10

62C/682/CD, IEC 60580 ED3: Medical electrical equipment - Dose area product meters, 2017/4/21

62D/1438/CD, IEC 60601-2-83 ED1: Medical electrical equipment - Part 2-83: Particular requirements for the basic safety and essential performance of home light therapy equipment, 2017/4/21

65A/819/FDIS, IEC 61326-3-1 ED2: lectrical equipment for measurement, control and laboratory use - EMC requirements - Part 3-1: Immunity requirements for safety-related systems and for equipment intended to perform safety-related functions (functional safety) - General industrial applications, 2017/3/10

65A/821/NP, PNW 65A-821: Functional safety - Critical E/E/PE systems for defence industry applications, 2017/2/24

65A/820/FDIS, IEC 61326-3-2 ED2: Electrical equipment for measurement, control and laboratory use - EMC requirements - Part 3-1: Immunity requirements for safety-related systems and for equipment intended to perform safety-related functions (functional safety) - Industrial applications with specified electromagnetic environment, 2017/3/10

65B/1070/CD, IEC 61131-10 ED1: XML Exchange Formats for Programs according to IEC 61131-3, 2017/4/21

65C/861/FDIS, IEC 62657-2 ED2: Industrial communication networks - Wireless communication networks - Part 2: Coexistence management, 2017/3/10

69/480/CD, IEC TS 61980-2 ED1: Electric vehicle wireless power transfer (WPT) systems - Part 2 specific requirements for communication between electric road vehicle (EV) and infrastructure with respect to wireless power transfer (WPT) systems, 2017/3/24

77B/771/CD, IEC 61000-4-3 ED4: Electromagnetic compatibility (EMC) - Part 4-3: Testing and measurement techniques - Radiated, radio-frequency, electromagnetic field immunity test, 2017/4/21

80/839/NP, PNW 80-839 ED1: Global Maritime Distress and Safety System (GMDSS) - Part XX: Ship earth stations operating in mobile-satellite systems recognized for use in the GMDSS - Operational and performance requirements, methods of testing and required test results, 2017/4/21

80/838/NP, PNW 80-838 ED1: Maritime navigation and radio communication equipment and systems - Automatic Identification Systems (AIS) - SAR Airborne equipment - Operational and performance requirements, methods of test and required test results, 2017/4/21

85/577/CD, IEC 60051-9 ED5: Direct acting indicating analogue electrical measuring instruments and their accessories. Part 9: Recommended test methods, 2017/3/24

86/510/CDV, IEC 61745 ED2: End-face image analysis procedure for the calibration of optical fibre geometry test sets, 2017/4/21

86B/4062A/NP, PNW 86B-4062: IEC 61755-3-12 Fibre optic interconnecting devices and passive components - Connector optical interfaces - Part 3-12: Connector parameters for connections of non-dispersion shifted single mode physically contacting fibres - Angled cylindrical full zirconia ferrules, centred fibre core eccentricity, 2017/2/17

86B/4049/CDV, IEC 61753-1 ED2: Fibre optic interconnecting devices and passive components - Performance standards - Part 1: General and guidance, 2017/4/21

86B/4050/CDV, IEC 61755-6-2 ED1: Fibre optic interconnecting devices and passive components - Fibre optic connector optical interfaces - Part 6-2: Connection of 50,0 µm core diameter multimode physically contacting fibres - Non-angled for reference connector application, at wavelength of 850 nm using traditional macrobend attenuation fibre only, 2017/4/21

86C/1440/FDIS, IEC 62150-5 ED1: Fibre optic active components and devices - Test and measurement procedures - Part 5: Wavelength channel tuning time of tuneable transmitters, 2017/3/10

87/646/CD, IEC 60565-2 ED1: Underwater acoustics - Hydrophones - Calibration of hydrophones, Part 2: Procedures for low frequency pressure calibration, 2017/4/21

88/621/NP, PNW TS 88-621: Wind energy generation systems - Part 25-7: Communications for monitoring and control of wind power plants - Configuration description language for communication in wind automation systems related to IEDs, 2017/4/21

88/615/CDV, IEC 61400-11/AMD1 ED3: Wind energy generation systems - Part 11: Acoustic noise measurement techniques, 2017/4/21

91/1423/NP, PNW 91-1423: Future IEC 61249-2-45 Ed.1.0: Materials for printed boards and other interconnecting structures - Part 2-45: Reinforced base materials clad and unclad - Non-halogenated epoxide non-woven/woven E-glass reinforced laminate sheets of thermal conductivity □1.0W/m•K□and defined flammability (vertical burning test), copper-clad for lead-free assembly, 2017/3/24

91/1424/NP, PNW 91-1424: Future IEC 61249-2-46 Ed.1.0: Materials for printed boards and other interconnecting structures - Part 2-46: Reinforced base materials clad and unclad - Non-halogenated epoxide non-woven/woven E-glass reinforced laminate sheets of thermal conductivity □1.5W/m•K□and defined flammability (vertical burning test), copper-clad for lead-free assembly, 2017/3/24

91/1425/NP, PNW 91-1425: Future IEC 61249-2-47 Ed.1.0: Materials for printed boards and other interconnecting structures - Part 2-47: Reinforced base materials clad and unclad - Non-halogenated epoxide non-woven/woven E-glass reinforced laminate sheets of thermal conductivity □2.0W/m•K□and defined flammability (vertical burning test), copper-clad for lead-free assembly, 2017/3/24

100/2856/NP, PNW 100-2856: Digital audio interface - Part 5: Consumer application enhancement (TA 4), 2017/4/21

100/2851A/FDIS, IEC 62394 ED3: Service diagnostic interface for consumer electronics products and networks - Implementation for ECHONET (TA8), 2017/2/10

106/391/FDIS, IEC/IEEE 62704-2 ED1: Determining the peak spatial-average Specific Absorption Rate (SAR) in the human body from wireless communications devices, 30 MHz to 6 GHz - Part 2: Specific requirements for finite difference time domain (FDTD) modelling of exposure from vehicle mounted antennas, 2017/3/10

113/352/NP, PNW TS 113-352: IEC TS 62607-5-3: Nanomanufacturing - Key control characteristics - Part 5-3: Thin-film organic/nano electronic devices - Measurements of charge carrier concentration, 2017/4/21

115/148/DTR, IEC TR 62978 ED1: Guidelines on Asset Management for HVDC Installations, 2017/3/24

117/65/CD, IEC 62862-3-3 ED1: Solar thermal electric plants - Part 3 -3: Systems and components - General requirements and test methods for solar receivers, 2017/4/21

117/64/CD, IEC 62862-3-2 ED1: Solar thermal electric plants - Part 3 -2: Systems and components - General requirements and test methods for parabolic-trough collectors, 2017/4/21

119/145/CD, IEC 62899-202-5 ED1: Printed electronics - Part 202-5: Materials - Conductive ink - Mechanical bending test of a printed conductive layer on a substrate, 2017/4/21

CIS/B/677/CD, Amendment 2 Fragment 2 to CISPR 11 Ed. 6: Requirements for semiconductor power converters (SPC), 2017/4/21

CIS/B/678/CD, Amendment 2 Fragment 1 to CISPR 11 Ed. 6: Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement - Requirements for air-gap wireless power transfer (WPT), 2017/4/21

Newly Published ISO & IEC Standards

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

ISO Standards

IMPLANTS FOR SURGERY (TC 150)

ISO 25539-1:2017, Cardiovascular implants - Endovascular devices - Part 1: Endovascular prostheses, $232.00

NON-DESTRUCTIVE TESTING (TC 135)

ISO 5577:2017, Non-destructive testing - Ultrasonic testing - Vocabulary, $45.00

SOIL QUALITY (TC 190)

ISO 18400-100:2017, Soil quality - Sampling - Part 100: Guidance on the selection of sampling standards, $45.00

ISO 18400-101:2017, Soil quality - Sampling - Part 101: Framework for the preparation and application of a sampling plan, $103.00

ISO 18400-102:2017, Soil quality - Sampling - Part 102: Selection and application of sampling techniques, $209.00

ISO 18400-103:2017, Soil quality - Sampling - Part 103: Safety, $162.00

ISO 18400-105:2017, Soil quality - Sampling - Part 105: Packaging, transport, storage and preservation of samples, $68.00

ISO 18400-106:2017, Soil quality - Sampling - Part 106: Quality control and quality assurance, $68.00

ISO 18400-107:2017, Soil quality - Sampling - Part 107: Recording and reporting, $68.00

ISO 18400-201:2017, Soil quality - Sampling - Part 201: Physical pretreatment in the field, $138.00

ISO 18400-204:2017, Soil quality - Sampling - Part 204: Guidance on sampling of soil gas, $209.00

ISO Technical Specifications

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/TS 21219-24:2017, Intelligent transport systems - Traffic and travel information (TTI) via transport protocol experts group, generation 2 (TPEG2) - Part 24: Light encryption (TPEG2-LTE), $185.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 14496-22/Amd1:2017, Information technology - Coding of audio-visual objects - Part 22: Open Font Format - Amendment 1: Updates for font collections functionality, $19.00

IEC Standards

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

IEC 60096-0-1 Amd.1 Ed. 3.0 b:2017, Amendment 1 - Radio frequency cables - Part 1- 0: Guide to the design of detail specifications - Coaxial cables, $12.00

IEC 60096-0-1 Ed. 3.1 b:2017, Radio frequency cables - Part 1- 0: Guide to the design of detail specifications - Coaxial cables, $235.00

DEPENDABILITY (TC 56)

IEC 60300-3-3 Ed. 3.0 b:2017, Dependability management - Part 3-3: Application guide - Life cycle costing, $281.00

ELECTRIC ROAD VEHICLES AND ELECTRIC INDUSTRIAL TRUCKS (TC 69)

IEC 61980-1 Ed. 1.0 b cor.1:2017, Corrigendum 1 - Electric vehicle wireless power transfer (WPT) systems - Part 1: General requirements, $0.00

ELECTRIC TRACTION EQUIPMENT (TC 9)

IEC 62924 Ed. 1.0 b:2017, Railway applications - Fixed installations - Stationary energy storage system for DC traction systems, $281.00

ELECTRICAL ACCESSORIES (TC 23)

IEC 60309-5 Ed. 1.0 b:2017, Plugs, socket-outlets and couplers for industrial purposes - Part 5: Dimensional compatibility and interchangeability requirements for plugs, socket-outlets, ship connectors and ship inlets for low-voltage shore connection systems (LVSC), $82.00

IEC 62873-1 Ed. 1.0 b:2017, Residual current operated circuit-breakers for household and similar use - Part 1: Outline of blocks and modules for residual current device standard, $82.00

IEC 63044-1 Ed. 1.0 b:2017, Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 1: General requirements, $47.00

IEC 63044-3 Ed. 1.0 b:2017, Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 3: Electrical safety requirements, $117.00

IEC 63044-5-1 Ed. 1.0 b:2017, Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 5-1: EMC requirements, conditions and test set-up, $117.00

IEC 63044-5-2 Ed. 1.0 b:2017, Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 5-2: EMC requirements for HBES/BACS used in residential, commercial and light-industrial environments, $82.00

IEC 63044-5-3 Ed. 1.0 b:2017, Home and Building Electronic Systems (HBES) and Building Automation and Control Systems (BACS) - Part 5-3: EMC requirements for HBES/BACS used in industrial environments, $23.00

EQUIPMENT FOR ELECTRICAL ENERGY MEASUREMENT AND LOAD CONTROL (TC 13)

IEC 62054-21 Ed. 1.1 b:2017, Electricity metering (AC) - Tariff and load control - Part 21: Particular requirements for time switches, $123.00

IEC 62054-21 Amd.1 Ed. 1.0 b:2017, Amendment 1 - Electricity metering (AC) - Tariff and load control - Part 21: Particular requirements for time switches, $12.00

EVALUATION AND QUALIFICATION OF ELECTRICAL INSULATING MATERIALS AND SYSTEMS (TC 112)

IEC 61857-31 Ed. 1.0 en:2017, Electrical insulation systems - Procedures for short time thermal evaluation - Part 31: Applications with a designed life of 5 000 h or less, $47.00

FIBRE OPTICS (TC 86)

IEC 60793-1-1 Ed. 4.0 en:2017, Optical fibres - Part 1-1: Measurement methods and test procedures - General and guidance, $82.00

IEC 61291-5-2 Ed. 2.0 en:2017, Optical amplifiers - Part 5-2: Qualification specifications - Reliability qualification for optical fibre amplifiers, $82.00

S+ IEC 60793-1-1 Ed. 4.0 en:2017 (Redline version), Optical fibres - Part 1-1: Measurement methods and test procedures - General and guidance, $107.00

FLAT PANEL DISPLAY DEVICES (TC 110)

IEC 62341-6-1 Ed. 2.0 en:2017, Organic light emitting diode (OLED) displays - Part 6-1: Measuring methods of optical and electro-optical parameters, $281.00

S+ IEC 62341-6-1 Ed. 2.0 en:2017 (Redline version), Organic light emitting diode (OLED) displays - Part 6-1: Measuring methods of optical and electro-optical parameters, $366.00

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

IEC 62714-3 Ed. 1.0 b:2017, Engineering data exchange format for use in industrial automation systems engineering - Automation markup language - Part 3: Geometry and kinematics, $352.00

LAMPS AND RELATED EQUIPMENT (TC 34)

IEC 60238 Ed. 9.1 b:2017, Edison screw lampholders, $469.00

IEC 60238 Amd.1 Ed. 9.0 b:2017, Amendment 1 - Edison screw lampholders, $23.00

IEC 60969 Ed. 2.0 b cor.1:2017, Corrigendum 1 - Self-ballasted compact fluorescent lamps for general lighting services - Performance requirements, $0.00

IEC 62931 Ed. 1.0 b:2017, GX16t-5 capped tubular LED lamp - Safety specifications, $235.00

METHODS FOR THE ASSESSMENT OF ELECTRIC, MAGNETIC AND ELECTROMAGNETIC FIELDS ASSOCIATED WITH HUMAN EXPOSURE (TC 106)

IEC/PAS 63083 Ed. 1.0 en:2017, Specific absorption rate (SAR) measurement procedure for long term evolution (LTE) devices, $199.00

POWER ELECTRONICS (TC 22)

IEC 60700-1 Ed. 2.0 b cor.1:2017, Corrigendum 1 - Thyristor valves for high voltage direct current (HVDC) power transmission - Part 1: Electrical testing, $0.00

POWER SYSTEM CONTROL AND ASSOCIATED COMMUNICATIONS (TC 57)

IEC 62325-451-1 Ed. 2.0 b:2017, Framework for energy market communications - Part 451-1: Acknowledgement business process and contextual model for CIM European market, $281.00

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)

IEC 60335-2-53 Ed. 4.1 b:2017, Household and similar electrical appliances - Safety - Part 2-53: Particular requirements for sauna heating appliances and infrared cabins, $322.00

IEC 60335-2-53 Amd.1 Ed. 4.0 b:2017, Amendment 1 - Household and similar electrical appliances - Safety - Part 2-53: Particular requirements for sauna heating appliances and infrared cabins, $12.00

SEMICONDUCTOR DEVICES (TC 47)

IEC 60747-4 Ed. 2.1 b:2017, Semiconductor devices - Discrete devices - Part 4: Microwave diodes and transistors, $528.00

IEC 60747-4 Amd.1 Ed. 2.0 b:2017, Amendment 1 - Semiconductor devices - Discrete devices - Part 4: Microwave diodes and transistors, $23.00

IEC 62433-2 Ed. 2.0 b:2017, EMC IC modelling - Part 2: Models of integrated circuits for EMI behavioural simulation - Conducted emissions modelling (ICEM-CE), $375.00

IEC 62433-3 Ed. 1.0 b:2017, EMC IC modelling - Part 3: Models of integrated circuits for EMI behavioural simulation - Radiated emissions modelling (ICEM-RE), $375.00

IEC 62435-2 Ed. 1.0 b:2017, Electronic components - Long-term storage of electronic semiconductor devices - Part 2: Deterioration mechanisms, $117.00

SOLAR PHOTOVOLTAIC ENERGY SYSTEMS (TC 82)

IEC 62788-1-6 Ed. 1.0 b:2017, Measurement procedures for materials used in photovoltaic modules - Part 1-6: Encapsulants - Test methods for determining the degree of cure in Ethylene-Vinyl Acetate, $164.00

WINDING WIRES (TC 55)

IEC 60317-67 Ed. 1.0 en:2017, Specifications for particular types of winding wires - Part 67: Polyvinyl acetal enamelled rectangular aluminium wire, class 105, $47.00

IEC Technical Reports

ELECTRICAL EQUIPMENT IN MEDICAL PRACTICE (TC 62)

IEC/TR 80001-2-9 Ed. 1.0 en:2017, Application of risk management for IT-networks incorporating medical devices - Part 2-9: Application guidance - Guidance for use of security assurance cases to demonstrate confidence in IEC TR 80001-2-2 security capabilities, $235.00

FIBRE OPTICS (TC 86)

IEC/TR 62343-6-4 Ed. 1.0 en:2017, Dynamic modules - Part 6-4: Design guides - Reconfigurable optical add/drop multiplexer, $199.00

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

IEC/TR 62453-62 Ed. 1.0 en:2017, Field device tool (FDT) interface specification - Part 62: Field device tool (FDT) styleguide for common language infrastructure, $281.00

IEC Technical Specifications

DOCUMENTATION AND GRAPHICAL SYMBOLS (TC 3)

IEC/TS 62720 Ed. 2.0 en:2017, Identification of units of measurement for computer-based processing, $352.00

ELECTROMECHANICAL COMPONENTS AND MECHANICAL STRUCTURES FOR ELECTRONIC EQUIPMENTS (TC 48)

IEC/TS 61586 Ed. 2.0 b:2017, Estimation of the reliability of electrical connectors, $199.00

FUEL CELL TECHNOLOGIES (TC 105)

IEC/TS 62282-7-1 Ed. 2.0 en:2017, Fuel cell technologies - Part 7-1: Test methods - Single cell performance tests for polymer electrolyte fuel cells (PEFC), $352.00

POWER TRANSFORMERS (TC 14)

IEC/TS 60076-20 Ed. 1.0 en:2017, Power transformers - Part 20: Energy efficiency, $235.00

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

Call for Members

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 of choice for information technology developers, producers and users for the creation and maintenance of formal de jure IT standards. INCITS' mission is to promote the effective use of Information and Communication Technology through standardization in a way that balances the interests of all stakeholders and increases the global competitiveness of the member organizations.

The INCITS Executive Board serves as the consensus body with oversight of its 40+ Technical Committees. Additionally, the INCITS Executive Board has the international leadership role as the US Technical Advisory Group (TAG) to ISO/IEC JTC 1, Information Technology.

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, contact Jennifer Garner at jgarner@itic.org or visit http://www.incits.org/participation/membership-info for more information.

Membership in all interest categories is always welcome; however, the INCITS Executive Board seeks to broaden its membership base in the following categories:

- Service Providers
- Users
- Standards Development Organizations and Consortia
- Academic Institutions

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

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

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

ANSI Accredited Standards Developers

Approval of Accreditation as an ANSI ASD

Licensing Executives Society (U.S. and Canada)

ANSI's Executive Standards Council has approved the Licensing Executives Society (U.S. and Canada), a new ANSI Member in 2016, as an ANSI Accredited Standards Developer (ASD) under its proposed operating procedures for documenting consensus on LES-sponsored American National Standards, effective January 17, 2017. For additional information, please contact: Ms. Kelli Baxter, Executive Director, COO, Licensing Executives Society (U.S. and Canada), Inc., 12100 Sunset Hills Road, Suite 130, Reston, VA 20190; phone: 703.234.4088; e-mail: kbaxter@les.org.

Withdrawal of ASD Accreditation

Medical Alert Monitoring Association (MAMA)

The ANSI accreditation of Medical Alert Monitoring Association (MAMA) as a developer of American National Standards has been administratively withdrawn, effective January 30, 2017. MAMA currently maintains no American National Standards. For additional information, please contact: Mr. David Schwartz, Medical Alert Monitoring Association, 2 Stahuber Avenue, Union, NJ 07083; phone: 866.388.8618; e-mail: standards@medicalalertassociation.com.

ANSI Accreditation Program for Third Party Product Certification Agencies

Scope Extensions

DNV GL Business Assurance USA, Inc.

Comment Deadline: March 3, 2017

Mr. Ismael Belmarez
Accreditation Manager, North America
DNV GL Business Assurance USA, Inc.
1400 Ravello Drive
Katy, TX 77493
Phone: 956-802-6887
E-mail: Ismael.Belmarez@dnvgl.com
Web: www.dnv.com

On December 13, 2016, DNV GL Business Assurance USA, Inc., an ANSI-Accredited Certification Body, was granted Accreditation for the following List of Scheme(s) and Scopes of Accreditation:

LIST OF CERTIFICATION SCHEME(S)

Criteria for SQF Certification Bodies - SQF Requirements on the Application of ISO/IEC 17065:2012. 7th Edition January 2015

SCOPE OF ACCREDITATION

SQF Code 7.2 Edition, July 2014

Module 05: Food Safety Fundamentals GAP for farming of animal products

Module 06: Food Safety Fundamentals GAP for farming of fish

Module 07: Food Safety Fundamentals GAP for farming of plant products (fruit and vegetables)

Module 08: Food Safety Fundamentals GAP for farming of grains and pulses

Module 09: Food Safety Fundamentals GMP for pre-processing of animal products

Module 10: Food Safety Fundamentals GMP for pre-processing of plant products

Module 12: Food Safety Fundamentals GDP for transport and distribution of food products

Module 13: Food Safety Fundamentals GMP for production of food packaging

Module 14: Food Safety Fundamentals GMP for Food Brokers and Agents (GFSI Scope N)

Please send your comments by March 3, 2017 to Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293 9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293 9287 or e-mail: njackson@ansi.org.

DOT Quality Services, Inc.

Comment Deadline: March 3, 2017

Ms. Anna Petroski
President
DOT Quality Services, Inc.
728 W Jackson Blvd, Suite 1002
Chicago, IL 60661
Phone: 312-285-5344
E-mail: a.petroski@dotqs.com
www.dotqualityservices.com

On February 3, 2017, DOT Quality Services, Inc., an ANSI-Accredited Certification Body, was granted accreditation for:

LIST OF CERTIFICATION SCHEME(S)

DOTQS QP-004 Infrastructure Certification Audit Program - DOTQS Infrastructure Certification Program for Metals Fabrication and Manufacturing

SCOPE OF ACCREDITATION

Galvanizer Certification Program for Infrastructure and the Transportation and Utility Sectors

Please send your comments by March 3, 2017 to Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: njackson@ansi.org.

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 147/SC 5 – Biological methods

ANSI has been informed that ASTM International, the ANSI-accredited U.S. TAG Administrator for ISO/TC 147, wishes to drop their membership in ISO/TC 147/SC 5.

ISO/TC 147/SC 5 operates under the following scope:

Development of standards in the field of Biological methods within the scope of ISO/TC 147:

Standardization in the field of water quality, including definition of terms, sampling of waters, measurement and reporting of water characteristics.

Organizations interested in serving as the U.S. TAG Administrator or participating on a U.S. TAG should contact ANSI's ISO Team (isot@ansi.org).

ISO New Work Item Proposal

Guidelines on Integrating a Business Excellence Framework with ISO Management System Standards

Comment Deadline: March 3, 2017

SCC, the ISO member body for Canada, has submitted to ISO a new work item proposal for the development of an ISO standard on Guidelines on Integrating a Business Excellence Framework with ISO management system standards, with the following scope statement:

Organizations implementing single or multiple management systems and simultaneously the Business Excellence framework are faced with the major challenge of lack of alignment. This can be attributed to multiple factors, including but not limited to, organizational design/structure, responsibilities matrix, contextual understanding of the linkages/inter-dependencies, silo mentality and turf protection.

"Guidelines on Integrating a Business Excellence Framework with ISO management system standards" will provide the roadmap on integrating the national/international business excellence frameworks with management system standards, for enhancing organizational efficiency, facilitating effective decision-making, and promoting transparency, innovation and continuous improvement.

Scope will exclude the development of an ISO Business Excellence standard and/or development of ISO Management System standard/s. Instead it will focus on the integration aspects, available best practices, and provision of useful practical tips for better organizational management.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, March 3, 2017.

Meeting Notices

ANSI/ASSE Z359 Accredited Standards Committee (ASC) for Fall Arrest/Protection

The next meeting of the ANSI/ASSE Z359 Accredited Standards Committee (ASC) for Fall Arrest/Protection will take place April 25th and the 26th in the Chicago area. If you should have interest in attending, please contact Tim Fisher with ASSE for more information.

Timothy R. Fisher, CSP, CHMM, ARM, CPEA, CAE
Director, Standards and Technical Services
American Society of Safety Engineers (ASSE)
520 N. Northwest Highway
Park Ridge, IL 60068 USA
847/768-3411 (T)
TFisher@ASSE.Org
www.asse.org

Information Concerning

U.S. Technical Advisory Groups

INCITS Blockchain and Electronic Distributed Ledger Technologies (EDLT) – US TAG to ISO TC 307 – Call for Members

Reservation Deadline: February 20, 2017

The INCITS Executive Board has established a new Technical Committee, *Blockchain and Electronic Distributed Ledger Technologies (EDLT),* to serve as the US TAG to ISO TC 307, *Blockchain and Electronic Distributed Ledger Technologies*.

The approved scope for ISO TC 307 is:

> *Standardisation of blockchains and distributed ledger technologies to support interoperability and data interchange among users, applications and systems.*

ISO Technical Management Board has requested that ISO TC 307 clarify its scope and arrange appropriate liaisons with JTC 1, ISO TC 68, ISO TC 154, ISO TC 262, ISO TC 292, and other appropriate ISO and IEC committees. ISO TC 307 has also been requested to ensure that the development of standards related to the core information and communications technology-related standards that underpin blockchain and distributed ledger technologies be developed by TC 3017 in Joint Working Groups with JTC 1.

The organizational meeting of INCITS Blockchain and Electronic Distributed Ledger Technologies (EDLT) will be held on Thursday, March 2, 2017 from 10:00 AM to 5:00 PM at ITI/INCITS in Washington, DC:

ITI/INCITS
1101 K Street NW
Suite 610 A
Washington, DC 20005
Logistics Information for ITI/INCITS: http://www.incits.org/upload/logistics.pdf

Membership on INCITS Blockchain and Electronic Distributed Ledger Technologies (EDLT) is open to all directly and materially affected parties. In order to comply with ANSI requirements, while all parties may participate in the discussion, only those organizations that are US National Interested Parties in the US may vote to establish a US position on TAG matters. A US National Interested Party is one of the following entities directly and materially affected by the relevant standards activity:

- an individual representing a corporation or an organization domiciled in the US (including US branch offices of foreign companies authorized to do business in one or more states as defined by the relevant US State's Corporation law);
- an individual representing a US federal, state or local government entity; or
- a US citizen or permanent resident.

The committee will operate under the ANSI-accredited procedures for the InterNational Committee for Information Technology Standards (INCITS). All organizations that attend the first meeting or the second meeting and request voting membership will attain voting rights immediately.

Access to the draft agenda and related ISO TC 307 documents will be provided to representatives of organizations requesting membership on INCITS Blockchain and Electronic Distributed Ledger Technologies (EDLT).

Items for consideration at the March 2 organizational meeting of INCITS Blockchain and Electronic Distributed Ledger Technologies (EDLT) include approval of US delegates, US contributions and US positions to the April 2017 ISO TC 307 meeting in Sydney, Australia.

To join this technical committee, please complete the membership request form at http://standards.incits.org/kcpm/signup.

Contributions for the organizational meeting should be submitted to Jennifer Garner (jgarner@itic.org) by **February 15, 2017** for inclusion on the two-week agenda.

RSVPs for the organizational meeting should be submitted to Jennifer Garner (jgarner@itic.org) by **February 20, 2017**.

Information Concerning

International Electrotechnical Commission (IEC)

New Activity

Electrotechnical Aspects of Wearable Smart Devices and Technologies

IEC Approves new activity on Electrotechnical aspects of Wearable Smart Devices and Technologies.

> **Draft Scope:** Standardization in the field of wearable electronic devices and technologies which include patchable materials and devices, implantable materials and devices, edible materials and devices, and electronic textile materials and devices.
>
> **Purpose and Justification:** The worldwide market trends have led to a growing convergence and new industry including patchable, implantable, and edible materials and devices as well as e-textiles into the concept of wearable electronic devices and technologies. New types of standardization and collaboration works are needed to efficiently cope with the rapidly growing new industry.

The U.S. National Committee agrees with the scope proposed for this new IEC activity and wishes to register as a Participating Member. If the USNC is to become a P Member, a Technical Advisory Group (TAG) will have to be established and a TAG Administrator will have to be assigned. If any entities are interested in the position of TAG Administrator, they are invited to contact Tony Zertuche (tzertuche@ansi.org), USNC General Secretary, as soon as possible. Also, any individuals who are interested in joining this TAG as members, if it is formed, should also contact Mr. Zertuche.

Information Concerning

International Electrotechnical Commission (IEC)

Approval of a Proposal for a New JTC 1 Subcommittee

JTC 1 Subcommittee 41 on Internet of Things and Related Technologies

Response Deadline: February 10, 2017

IEC has approved the proposal for a new JTC 1 Subcommittee 41 on Internet of Things and related technologies.

At its last Plenary Meeting in November 2016, the ISO/IEC Joint Technical Committee on Information Technology (JTC 1) decided to establish a new Subcommittee on "Internet of Things (IoT) and related technologies" (SC 41), with an initial scope described below. The IEC Central Office and the ISO Central Secretariat have jointly agreed that the administrative support of the new Subcommittee (SC 41) will be carried out by the IEC.

Draft Scope:

Standardization in the area of Internet of Things and related technologies.

1. Serve as the focus and proponent for JTC 1's standardization programme on the Internet of Things and related technologies, including Sensor Networks and Wearables technologies.

2. Provide guidance to JTC 1, IEC, ISO and other entities developing Internet of Things related applications.

The U S National Committee indicated that it agrees with the scope proposed for this new ISO/IEC JTC 1 SC and that it wishes to register as a Participating Member and intends to actively participate. However, if the USNC is to become a P Member, a Technical Advisory Group (TAG) will have to be established and a TAG Administrator will have to be assigned.

The InterNational Committee for Information Technology Standards (INCITS), TAG Administrator for JTC 1, has indicated its intention of taking on the role of TAG Administrator for this new SC as there are already two WGs with work underway in IoT and Sensor Networks within JTC 1. If any other entities are interested in the position of TAG Administrator, they are invited to contact Tony Zertuche, USNC General Secretary at the E-Mail provided below by 10 February 2017.

Tony Zertuche
Tel: 212 642 4892
Fax: 212 730 1346

E-Mail: tzertuche@ansi.org

Public Review Draft

Proposed Addendum ap to Standard 189.1-2014

Standard for the Design of High-Performance Green Buildings

Except Low-Rise Residential Buildings

Second Public Review (February 2016)
(Draft Shows Proposed Changes to Current Standard)

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed standard, go to the ASHRAE website at www.ashrae.org/standards-research--technology/public-review-drafts and access the online comment database. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE website) remains in effect. The current edition of any standard may be purchased from the ASHRAE Online Store at www.ashrae.org/bookstore or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

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

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Foreword

This updates the normative references in Section 11 of ASHRAE 189.1 and the informative references in Appendix G. The changes in the Independent Substantive second public review correct small errors identified during the first public review.

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 ap to 189.1-2014

Revise Section 11 as follows:

11. NORMATIVE REFERENCES

Section numbers indicate where the reference occurs in this document.

Reference	Title	Section
Air-Conditioning, Heating, and Refrigeration Institute (AHRI) **2111 Wilson Blvd, Suite 500** **Arlington, VA 22201, United States** **1-703-524-8800; www.ahrinet.org**		
ANSI/AHRI 365-2009	Performance Rating of Commercial and Industrial Unitary Air-Conditioning Condensing Units	Appendix B
AHRI 460 -2005	Performance Rating of Remote Mechanical-draft Air-cooled Refrigerant Condensers	Appendix B
ASHRAE **1791 Tullie Circle NE** **Atlanta, GA 30329, United States** **1-404-636-8400; www.ashrae.org**		
ANSI/ASHRAE Standard 146-2011	Method of Testing and Rating Pool Heaters	Appendix B

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Reference	Title	Section
International Organization for Standardization (ISO) **ISO Central Secretariat, 1 rue de Varembee, Case postale 56** **CH-1211 Geneva 20, Switzerland** **+41-22-749-01-11; www.iso.org**		
ISO-13256-2-1998	Water-Source Heat Pumps—Testing and Rating for Performance—Part 2: Water-to-Water and Brine-to-Water Heat Pumps	Appendix B
National Electrical Manufacturers Association (NEMA) **1300 North 17th Street, Suite 900~~1752~~** **Rosslyn, VA 22209, United States** **1-703-841-3200; www.nema.org**		
~~ANSI/NEMA MG-1-2011~~	~~Motors and Generators~~	~~Appendix C~~

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Revise Appendix G as follows:

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INFORMATIVE APPENDIX G
INFORMATIVE REFERENCES

This appendix contains informative references for the convenience of users of this standard and to acknowledge source documents when appropriate. Section numbers indicate where the reference occurs in this document.

Reference	Title	Section
UL GREENGUARD Gold **2211 Newmarket Parkway, #110** **Marietta, GA 30067, United States** **1-800-427-9681; www.ul.com/environment**		
UL2818-2013	Greenguard Certification Program for Chemical Emissions for Building Materials, Finishes and Furnishings	8.4.2, 8.5.2
UL2821-2013	Greenguard Certification Program Method for Measuring and Evaluating Chemical Emissions from Building Materials, Finishes and Furnishings	8.4.2, 8.5.2

Reference	Title	Section

Public Review Draft

Proposed Addendum aw to Standard 189.1-2014

Standard for the Design of High-Performance Green Buildings

Except Low-Rise Residential Buildings

First Public Review (February 2016)
(Draft Shows Proposed Changes to Current Standard)

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

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Foreword

This proposal seeks to add two new mandatory requirements to Section 8: Indoor Environmental Quality regarding occupant control of operable methods of glare control and of automatic daylight-responsive controls. To achieve and maintain high levels of indoor environmental quality, it is essential that buildings have methods and devices that reduce glare and that manage electric light levels in daylit spaces, and that building occupants have the capability to manipulate these methods and devices to achieve acceptable levels of performance and comfort.

The glare control requirement mandates that, in several specific space types, operable methods and devices of glare control be provided capable of blocking the specular transmittance of the fenestration assembly by a minimum of 97%, with the capability to allow occupants to manually adjust these glare control methods and devices, including the ability to temporarily override automatic controls. This proposal also allows occupants to have the capability to temporarily override automatic daylight-responsive controls and automatic glare control for up to two hours.

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.

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Addendum aw to 189.1-2014

Modify Section 3.2 as follows:

view fenestration: Fenestration that complies with all of the following:

a. It provides building occupants with a view to the outdoors or to an interior daylit atrium.
b. It has undiffused glazing with a haze value less than 3%, as determined in accordance with ASTM D1003.
c. It has a center-of-glass visible transmittance (VT) of not less than 20%.
d. The product of the center-of-glass VT and the openness factor of screens, patterned films, and ceramic frits is not less than 20%.
e. Where *dynamic glazing* is provided, such glazing has a center-of-glass visible transmittance (VT) of not less than 20% at the highest end of its range.
f. Where non-operable opaque window treatments are provided, such as blinds, shades, and louvers, such treatments do not obstruct more than 40% of the fenestration glazing area.

specular visible transmittance – the fraction of incident flux (lumens) that passes directly through a surface or medium without scattering.

Add the following new section:

8.3.8 Glare Control. *View fenestration* for the following *spaces* shall comply with this section:

- Classroom / Training Room
- Conference / Meeting / Multipurpose Room except in convention centers
- Lounge / Breakroom
- Enclosed office and open plan office
- Library reading area
- Patient rooms and physical therapy rooms within a healthcare facility

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View fenestration shall have an operable glare control device(s) capable of reducing the *specular visible transmittance* of the fenestration assembly to 3% or less. Such glare control devices shall allow an occupant or control system to change the device's position or light transmission level in order to address glare in the *space*. Operable glare control devices include movable interior window blinds, curtains, and shades; movable exterior louvers, screens, awnings, shades, and blinds; and dynamic glazing. Where fabric shades are used, the openness factor, also known as direct-direct transmittance, shall be tested according to standard EN14500.

Exceptions:

a. For buildings located greater than 20 degrees latitude north or south of the equator, *view fenestration* oriented within 10 degrees of true north in northern hemisphere locations or within 10 degrees of true south in southern hemisphere location.

b. Where permanent interior or exterior obstructions, such as buildings, structures, overhangs and fins, have a *specular visible transmittance* of not great than 3% and prevent the *view fenestration* from admitting a direct beam of sunlight into the space through a point in the middle of the *view fenestration* horizontally and one third of the distance between top and bottom of the *view fenestration* above the bottom of the *view fenestration*, at the peak solar altitude and four hours before and after the peak solar altitude on the summer solstice and the spring equinox as determined by sun angle studies.

c. *Spaces* that have an *annual sunlight exposure* of not more than 93 footcandles (1,000 lux) of direct sunlight illumination for more than 250 hours per year for less than 3% of the floor area.

8.3.9 Occupant override. Occupants shall have the capability to temporarily override automatic methods of glare control for periods not exceeding two hours.

Modify Section 11 as follows:

11. Normative Reference

Reference	**Title**	**Section**

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West Conshohocken, PA 19428-2959, United States
1-610-832-9585; www.astm.org

ASTM D1003-13~~11e1~~ Standard Test Method for Haze and Luminous Transmittance of Transparent Plastics 3.2, 8.4.1.1.3, 8.4.1.3

European Committee for Standardization (CEN)
Avenue Marnix 17 – B-1000
Brussels, Belgium
+32 2 550 08 11; www.cen.eu

EN14500:2008 Blinds and shutters – Thermal and visual comfort – Test and calculation methods 8.3.8

Illuminating Engineering Society of
North America
120 Wall Street, Floor 17
New York, New York 10005-4001 USA
+1 212 248 5017, www.ies.org

LM – 83-12 Approved Method: IES Spatial Daylight Autonomy (sDA) and Annual Sunlight Exposure (ASE) 8.3.8, 8.5.1

Public Review Draft

Proposed Addendum bb to Standard 189.1-2014

Standard for the Design of High-Performance Green Buildings

Except Low-Rise Residential Buildings

First Public Review (February 2016)
(Draft Shows Proposed Changes to Current Standard)

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed standard, go to the ASHRAE website at www.ashrae.org/standards-research--technology/public-review-drafts and access the online comment database. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE website) remains in effect. The current edition of any standard may be purchased from the ASHRAE Online Store at www.ashrae.org/bookstore or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

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

Foreword
This addendum adds a new requirement to Section 7 to display energy usage in support of existing requirements in Section 10.3.2.1.3.2 (Track and Assess Energy Consumption). The goal of this new requirement is to provide information to assist in reducing building energy usage. This requirement does not dictate the type of display or where it is to be located, thereby allowing the use of on-line displays.

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 bb to 189.1-2014

Modify Section 7.3.3.2 as follows:

7.3.3.2 Energy Consumption Data Collection and Display. All building measurement devices shall be configured to automatically communicate the energy data to the data acquisition system. ~~At a minimum,~~ Measurement devices shall provide daily data and shall record hourly energy profiles. Such hourly energy profiles shall be capable of being used to assess building performance at least monthly. The hourly energy profiles shall be displayed.

1.3 Purpose

~~This standard provides the methodology for determining the end-use effect a particular hard surface chemical cleaning agent or treatment would have on the wet DCOF and or wet SCOF of a hard walkway surface.~~ This test method applies to commercial and residential chemical floor cleaning agents and treatments manufactured to be used on common hard surface walkways.

3.10 Test Tile - A ceramic floor tile or equivalent whose wet SCOF and wet DCOF values have been tested and certified by the National Floor Safety Institute (NFSI). Each tile will have a wet SCOF value of 0.45 ±0.05 and a wet DCOF value of 0.35 ±0.05. See Appendix C.

Note: Test Tiles are to be used for only one product evaluation.

3.12 Tribometer - an instrument or device or equivalent specifically designed to measure the available level of traction upon a floor or walkway surface.

3.12.1 Approved Tribometer - a slip resistance testing device or equivalent that is in compliance with the National Floor Safety Institutes (NFSI) Tribometer Selection Process (TSP). See Appendix B.

APPENDIX C

Preparation test method for Wet Static Coefficient of Friction test tiles (also known as reference calibration tiles) follow the laboratory test method contained in Section 4.2 of the ANSI/NFSI B101.1-2009 national standard.

Preparation test method for Wet Dynamic Coefficient of Friction test tiles (also known as reference check tiles) follow the laboratory test method contained in Section 4.3 of the ANSI/NFSI B101.3-2012 national standard.

Tracking Number 49i99r2 **Revision to NSF/ANSI 49-2014**
© 2017 NSF International **Issue 99, Draft 2 (January 2017)**

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[Note – the changes are illustrated below using ~~strikeout~~ for proposed removal of existing text and grey highlights to indicate the proposed new text. ONLY the highlighted text and ~~strikeout~~ text is within the scope of this ballot. Rationale Statements are in RED and only used to add clarity; these statements will NOT be in the finished publication]

NSF/ANSI International Standard for Biosafety Cabinetry —

Biosafety Cabinetry: Design, Construction, Performance, and Field Certification

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-
-

6 Performance

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6.2 Pressure decay / soap bubble ~~/ tracer gas leak~~

The periphery and penetrations of all plenums shall be leak tight when tested by the pressure decay or soap bubble test (see Annex A, section A.1).

6.2.1 The cabinet shall hold 2 in w.g. (500 Pa) within ± 10% for ~~30~~10 min ~~or all welds, gaskets, penetrations, or seals on exterior surfaces of air plenums shall be free of soap bubbles when at 2 in w.g. (500 Pa) ± 10% pressure above atmospheric~~.

6.2.2 For manufacturer testing only, the soap bubble method may be used when pressure plates fail: all welds, gaskets, penetrations, or seals on exterior surfaces of air plenums shall be free of soap bubbles when at 2 in w.g. (500 Pa) ± 10% pressure above atmospheric.

-
-
-

Annex A
(normative)

Performance tests

-
-
-

A.1 Pressure decay / soap bubble

A.1.1 Pressure decay or soap bubble test

A.1.1.1 Purpose

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This test determines the overall seal integrity of the cabinet outer hull, including ~~on~~ exterior surfaces of all plenums, ~~determines whether~~ welds, gaskets, plenum penetrations, and seals ~~are free of leaks~~.

A.1.1.2 Apparatus

manometer, pressure gauge, or pressure transducer system with a minimum range of 0 – 2 in w.g. (0 – 500 Pa) and accurate to ± 0.02 in w.g. (5 Pa);

manufacturer-provided pressure plates constructed of steel, aluminum, plastic or other non-permeable material as needed to seal exhaust, fan inlet, and access openings; and

liquid leak detector

~~plastic sheet (0.02 in [0.5 mm] extruded high-impact styrene); and~~

~~duct tape.~~

A.1.1.3 Method (pressure decay)

The pressure decay test may be used during manufacturing to demonstrate compliance with section A.1. It shall always be used during certification testing.

a) Prepare the cabinet as a sealed system, i.e., seal the front ~~sash~~ access opening and exhaust port.

b) Remove decorative panels and other access obstructions, where necessary, to allow proper sealing of openings ~~expose plenums to be tested~~.

c) Attach a manometer, pressure gauge, or pressure transducer system to the test area to indicate the interior pressure.

d) Pressurize the cabinet with air to a reading of 2 in w.g. (500 Pa), turn off the pressurizing air, and measure the pressure after ~~30~~10 min. ~~A leakage of 10% of the original pressure is allowable. If a cabinet does not hold 2 in w.g. (500 Pa), use the soap bubble method to locate leaks.~~

e) If the cabinet does not hold pressure within 10% after 10 minutes, use the liquid leak detector to check for leaks in the pressure plates used to seal the access opening, exhaust, and fan inlet (where applicable). If leaks are found, make needed repairs if possible and repeat step d.

A.1.1.4 Method (soap bubble – allowed for manufacturing only)

The soap bubble test may be used during manufacturing to demonstrate compliance with section A.1 in place of the pressure decay test. The soap bubble test shall not be used for certification testing.

a) Prepare the cabinet as a sealed system, i.e., seal the front sash and exhaust port.

b) Remove decorative panels and other access obstructions, where necessary, to expose plenums to be tested.

c) Attach a manometer, pressure gauge, or pressure transducer system to the test area to indicate the interior pressure.

d) Pressurize the cabinet with air to ensure a continuous reading of 2 in w.g. (500 Pa) ± 10%.

e) Spray or brush the liquid leak detector along all welds, gaskets, penetrations, and seals on

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exterior surfaces of cabinet plenums. Small leaks will be indicated by bubbles. Large leaks will occur that blow the detection fluid from the hole without forming bubbles and may be detected by slight feel of airflow or sound.

A.1.1.5 Acceptance

A.1.1.5.1 Pressure decay

The cabinet shall hold 2 in w.g. (500 Pa) ± 10% for ~~30~~10 min. This requirement shall be met for all certification testing.

A.1.1.5.2 Soap bubble

~~or a~~ All welds, gaskets, penetrations, and seals on exterior surfaces of air plenums shall be free of soap bubbles when at 2 in w.g. (500 Pa) ± 10% pressure above atmospheric. This requirement may be met during manufacturing as an alternative to the pressure decay test.

Rationale: As positive pressure plenums in direct contact with the lab are no longer allowed, the 30 minute requirement is too stringent and not equivalent with the soap bubble leak requirement. Removing the soap bubble leak option for type testing strengthens the standard, even when the period for holding pressure is reduced. This approach requires proper design and construction that is adequate to ensure seal integrity as needed for space decontamination. Taking away the soap bubble leak option levels the playing field between manufacturers doing a generally good job on seal integrity and manufacturers paying less attention to detail. It simplifies the test and takes judgment calls on repairs away from the test agency, making the test more objective. Requiring submission of proper pressure plates to seal opening with the sample cabinet also provides an evaluation of the manufacturer's system for sealing the cabinet during factory testing.

The soap bubble leak provisions were left in place to accommodate manufacturing. Production could be impacted if a pressure plate failed. Most pressure plates provide a seal using gaskets that are siliconed in place. Repairs require enough time for the silicone to cure. It could be detrimental to manufacturing operations to have to stop production for several hours for the sake of repairing a leaky pressure plate.

BSR/UL 62133, Standard for Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes – Safety Requirements for Portable Sealed Secondary Cells, and for Batteries Made From Them, for Use in Portable Applications

1. The proposed new edition of UL 62133 which is harmonized with CSA and the Second Edition and Corrigendum 1 of the Standard for Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes – Safety Requirements for Portable Sealed Secondary Cells, and for Batteries Made From Them, for Use in Portable Applications, IEC 62133.

1 Scope

1DV.2 DR *Modification to add the following paragraph to Clause 1 (Canada only):*

This standard deals with the covered components used in accordance with CAN/CSA-C22.2 No. 0.

5 General SAFETY considerations

5.1 General

~~**5.1DV DR *Modification to add the following to Clause 5.1 (Canada only):***~~

~~**General requirements applicable to these products are provided in CAN/CSA-C22.2 No. 0.**~~

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BSR/UL 555C, Standard for Safety for Ceiling Dampers

PROPOSAL

1. Alignment of UL 555, UL 555C and UL 555S

(REVISED)

9A.10 Upon removing power from the actuators, observe and record the time required for each actuator to return to within ~~±12~~ 0.12 inch (3 mm) of its resting position for linear actuator and within ±3 degrees of its resting position for rotary actuators. All actuators must return to the resting position within their rated time.

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

7. Editorial Changes

32.1.2 In addition to the primary inherent entrapment protection as required by 32.1.1, a vertically moving residential garage door operator shall comply with one of the following:

a) Shall be constructed to:

1) Require constant pressure on a control intended to be installed and activated within line of sight of the door to lower the door,

2) Reverse direction and open the door to the upmost position when constant pressure on a control is removed prior to operator reaching its lower limit, and

3) Limit a portable transmitter, when supplied, to functioning only to cause the operator to open the door;

b) Shall be provided with a means for connection of an external secondary entrapment protection device as described in 32.3.1 , and 32.3.3 - 32.3.5, as applicable to vertically moving doors; or

c) Shall be provided with an inherent secondary entrapment protection device as described in 3.12, 32.3.1, ~~32.3.3,~~ and 32.3.6, and is:

1) A combination sectional overhead garage door operator system as described in 3.3 and 32.1.3, and

2) For use only with vertically moving garage doors.

With respect to 32.1.2(c) (1), trolley-driven operators do not meet the definition of 3.3.

32.1.4 In addition to the primary inherent entrapment protection as required by 32.1.1, a horizontally sliding residential garage door operator shall comply with one of the following:

a) Shall be constructed to:

1) Require constant pressure on a control to close the door,

2) Reverse direction and open the door a minimum of 2 in (50.8 mm) when constant pressure on a control is removed prior to operator reaching its position limit, and

3) Stop the door if a second obstruction is detected in the reverse direction.

b) Shall be provided with a means for connection of an external secondary entrapment protection device for each leading edge as described in 32.3.2 - 32.3.5, as applicable for horizontally moving doors.

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32.2.3.1 For a horizontally sliding residential garage door operator system, both with and without any external entrapment protection device functional, the operator of a closing residential garage door shall initiate reversal of the door within 2 s of contact with the obstruction as specified in 32.2.3.3. After reversing the door, the operator shall open the door a minimum of 2 in (50.8 mm) from the edge of the obstruction. Compliance shall be determined in accordance with 32.2.3.2 - 32.2.3.10.

Exception No. 1: The door operator is not required to open the door a minimum 2 in (50.8 mm) when the operator senses a second obstruction during the ~~opening direction of~~ reversing travel.

Exception No. 2: The door operator is not required to open the door a minimum 2 in (50.8 mm) when a control is actuated to stop the door during movement towards the open position - but the door can not be moved towards the closed position until the operator reverses the door a minimum of 2 in (50.8 mm).

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BSR/UL 1081, Standard for Safety for Swimming Pool Pumps, Filters, and Chlorinators

1. For Power Supply Connections – Cord and Plug-Connected Units

12.1.5 A permanently-connected unit that is provided with a maximum 3-foot (0.91 m) long cord shall have a grounding-type attachment plug ~~of the locking type~~ with a fixed grounding contact.

~~*Exception: The grounding-type attachment plug of a unit intended for permanent connection that is provided with a maximum 3-foot cord is not required to be of the locking type when the unit is marked for installation at least 10 feet from the inside walls of the pool in accordance with 53.20.*~~

53.20 A permanently-installed unit provided with a maximum 3-foot (0.91-m) cord ~~that does not have a locking, grounding-type attachment plug~~ shall be plainly and permanently marked with the word ~~"CAUTION"~~ "WARNING" and the following or equivalent statement: "To reduce the risk of electric shock, install at least ~~10 feet~~ 6 feet from the inside walls of a pool. Do not use an extension cord."

~~*Exception: The marking shall refer to 6 feet instead of 10 feet when the unit is provided with a grounding, locking-type attachment plug as specified in 12.1.5.*~~

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BSR/UL 1703, Standard for Safety for Flat-Plate Photovoltaic Modules and Panels

1. Clarification for the Use of Coatings at the Interconnection of a Module and a Junction Box.

12.1 The spacings between uninsulated live parts not of the same potential and between a live part and an accessible metal part, shall not be less than the values specified in Tables 12.1, ~~and~~ 12.2, and 12.3.

Exception No. 1: These spacing requirements do not apply to the inherent spacings of a component; such spacings shall comply with the requirements for the component in question.

Exception No. 2: These distances do not apply to solid insulation materials when used as cemented joints, potting, encapsulant or conformal coating at the perimeter and at other locations with exposed edges of a module. Those insulation properties can be assessed through the tests outlined in the General Section 18, and Cemented Joints, Section 42A.

Exception No. 3: These distances do not apply to insulation materials when used as coatings at the interconnection of a module and a junction box. A coating intended to be used on a module to provide a Pollution Degree 1 shall comply with the Standard for Insulation Coordination Including Clearances and Creepage Distances for Electrical Equipment, UL 840, Section 15, Printed Wiring Board Coating Performance Test.

NOTE 1: The ~~M~~minimum through material distance for solid insulation at the perimeter and at other locations with exposed edges of a module must be greater than or equal to the creepage distances defined in the Standard for Insulation Coordination Including Clearances and Creepage Distances for Electrical Equipment, UL 840, Table 9.1, using Pollution Degree 1.

NOTE 2: Minimum through distance for coatings at the interconnection of a module and a junction box must be greater than or equal to the creepage distances defined in the Standard for Insulation Coordination Including Clearances and Creepage Distances for Electrical Equipment, UL 840, Table 9.1, using Pollution Degree 1.

Table 12.3

Minimum acceptable spacings for creepage distances using Pollution Degree 1

Potential involved, V	Over surface	
	in	(mm)
600	0.066	(1.68)
1000	0.126	(3.20)
1500	0.205	(5.20)
Note: Distances for 600 V and 1500 V are based on linear interpolation of the Standard for Insulation Coordination Including Clearances and Creepage Distances for Electrical Equipment, UL 840, Table 9.1, using Pollution Degree 1.		

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42A.1.1 Adhesive joints~~, along the edge of PV modules without current carrying components exiting through the adhesive/sealant,~~ are considered cemented joints when in compliance with the tests outlined in General, Section 18, and Cemented Joints, Section 42A. Cemented joints are acceptable as equivalent to reinforced solid insulation with ~~reduced~~ no creepage and clearance distance~~s~~ requirements, but minimum through distance instead. ~~as stated in the Standard for Insulation Coordination Including Clearances and Creepage Distances for Electrical Equipment, UL 840, if the following requirements are tested and fulfilled in addition to the required tests for type qualification as defined by this standard.~~

NOTE: Minimum through distance for solid insulation at the perimeter of a module must be greater than or equal to the creepage distances defined in the Standard for Insulation Coordination Including Clearances and Creepage Distances for Electrical Equipment, UL 840, Table 9.1, using Pollution Degree 1.

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BSR/UL 2034, Standard for Safety for Single and Multiple Station Carbon Monoxide Alarms

PROPOSALS

1. Supplemental Means For Operating the Sensitivity Test Feature

41.1.1 As an optional feature, the manufacturer is permitted to include an additional wireless communication remote test feature. If included and tested for compliance with the requirements outlined in ~~41.3~~ 41.1.2, the remote test feature may be activated through a remote device.

2. Pre-alarm Notification

3.13.1 PRE-ALARM - An optional audible or audible-visual signal above 30 ppm of CO, unique from the trouble and alarm signal, intended to provide an early notification of the detection of carbon monoxide prior to an alarm signal. When the pre-alarm signal occurs, the carbon monoxide alarm ~~shall~~ emits the unique pre-alarm signal at the indicating carbon monoxide alarm and may also send the pre-alarm signal to a wireless communication remote accessory device. The pre-alarm signal is an optional signal that when implemented does not prohibit the normal operation of the carbon monoxide alarm. When rapid levels of carbon monoxide are detected ~~as specified in UL 2034~~, the alarm signal ~~shall~~ takes precedence over the pre-alarm signal.

3. Remote Alarm Reset/Silence

6.1 Each single and multiple station carbon monoxide alarm shall be designed to be reset/silenced through a manual operation (on the alarm) by physically depressing the alarm reset/silence feature. The operation of the ~~button~~ reset/silence feature shall silence the alarm signal and restore the alarm to its normal condition resulting in the alarm once again being able to sense carbon monoxide and alarm within the limits of the Sensitivity Test, Section 39. The alarm signal shall be reenergized within 6 minutes from the time the reset button is operated if the concentration of carbon monoxide surrounding the alarm remains at 70 ppm or greater.

(NEW)

6.4 A multiple-station interconnected carbon monoxide alarm that produces an alarm signal (wired, wireless, relay, audible and~~/or~~ audible-visual) shall be permitted to be reset/silenced by any of the following:

a) By activating the alarm reset/silence feature on any multiple station interconnected carbon monoxide alarm, provided the carbon monoxide alarm that initiated the alarm signal remains in alarm; or

b) By physically depressing the alarm reset/silence feature on the initiating carbon monoxide alarm(s), as noted in 6.1; or

c) By activating the wireless communication remote reset/silencing feature using a remote device.

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