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American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

Comment Deadline: May 5, 2019

AARST (American Association of Radon Scientists and Technologists)

Revision

BSR/AARST MAH-201x, Protocol for Conducting Measurements of Radon and Radon Decay Products in Homes (revision of ANSI/AARST MAH-2014)

This standard specifies procedures, minimum requirements, and general guidance for measuring radon concentrations in single-family residences for determining if radon mitigation is necessary to protect current and future occupants. The protocols included in this standard of practice apply to testing structures whether conducted for real estate or non-real-estate purposes.

[Click here to view these changes in full](#)

Send comments (with copy to psa@ansi.org) to: StandardsAssist@gmail.com

Home Innovation (Home Innovation Research Labs)

Revision

BSR/ICC/ASHRAE 700-201x, National Green Building Standard (revision of ANSI/ICC/ASHRAE 700-2015)

The provisions of this Standard shall apply to design, construction, alteration, enlargement, and renovation of (1) all residential buildings, (2) residential portions of mixed-use buildings, or (3) mixed-use buildings where the residential portion is greater than 50 percent of the gross floor area. This Standard shall also apply to subdivisions, building sites, buildings lots, and accessory structures. For the purpose of this standard, all Group R occupancies as defined by the International Building Code and all building within the scope of the International Residential Code shall be considered residential. Assisted living facilities, residential board and care facilities, and group homes classified as an I-1 occupancy as defined by the International Building Code shall also be considered residential.

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Send comments (with copy to psa@ansi.org) to: www.homeinnovation.com/ngbs

NSF (NSF International)

Revision

BSR/NSF 7-201x (i22r1), Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2016)

This Standard contains requirements for refrigerators and freezers used to store and/or display cold food. The types of refrigerators and freezers covered by this Standard include, but are not limited to: storage refrigerators (e.g., reach-in, under counter, walk-in, roll-in); storage freezers (e.g., reach-in, under counter, walk-in, roll-in); rapid pull-down refrigerators and freezers; refrigerated food transport cabinets; refrigerated buffet units; refrigerated food preparation units; display refrigerators; beverage coolers; and ice cream cabinets.

[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.)

Revision

BSR/UL 87A-201x, Standard for Safety for Power-Operated Dispensing Devices for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (revision of ANSI/UL 87A-2018)

The following topic is being proposed: (1) Revision to marking and instruction manual requirements.

[Click here to view these changes in full](#)

Send comments (with copy to psa@ansi.org) to: Marcia Kawate, (510) 319-4259, Marcia.M.Kawate@ul.com

BSR/UL 87B-201x, Standard for Safety for Power-Operated Dispensing Devices for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 87B-2017)

The following topic is being proposed: (1) Revision to marking and instruction manual requirements.

[Click here to view these changes in full](#)

Send comments (with copy to psa@ansi.org) to: Marcia Kawate, (510) 319-4259, Marcia.M.Kawate@ul.com

BSR/UL 360-201X, Standard for Safety for Liquid-Tight Flexible Metal Conduit (revision of ANSI/UL 360-2018)

Clarification as to Clause 16.10 to be consistent with Clause 16.1 regarding the number of flame applications

[Click here to view these changes in full](#)

Send comments (with copy to psa@ansi.org) to: Joshua Johnson, (919) 549-1053, Joshua.Johnson@ul.com

BSR/UL 498A-201x, Standard for Safety for Current Taps and Adapters (revision of ANSI/UL 498A-2016)

(1) Addition of new construction requirement for adapters for dryer and range outlets to accept 6-15P configuration.

[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

BSR/UL 514D-201X, Standard for Cover Plates for Flush-Mounted Wiring Devices (revision of ANSI/UL 514D-2016)

(1) Illuminating cover plates for flush-mounted wiring devices.

[Click here to view these changes in full](#)

Send comments (with copy to psa@ansi.org) to: Joshua Johnson, (919) 549-1053, Joshua.Johnson@ul.com

BSR/UL 621-201x, Standard for Safety for Ice Cream Makers (revision of ANSI/UL 621-2018)

This proposal for UL 621 covers electronic media instructions.

[Click here to view these changes in full](#)

Send comments (with copy to psa@ansi.org) to: Wilbert Fletcher, (919) 954-9133, Wilbert.fletcher@ul.com

BSR/UL 2703-201x, Standard for Safety for Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 2703-2015)

This proposal for UL 2703 covers: (1) Clarification of the scope that roof attachments for above roof mounting (rack-mounted style installations) are not covered by this standard; (2) Addition of a reference to the Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products, ASTM A123, in the exception to Clause 10.2; (4) Update fire testing and classification requirements in Sections 11 and 15; and (5) Mechanical loading revisions.

[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

Comment Deadline: May 20, 2019

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

BSR/AAMI/ISO 20417-201x, Medical Devices - Information to be Provided by the Manufacturer (identical national adoption of ISO 20417)

Specifies the requirements for information supplied by the manufacturer for a medical device or accessory, as defined in 3.1 in the standard. This document includes the generally applicable requirements for identification, marking, and documentation of a medical device or accessory. This document does not specify the language to be used for such information, nor does it specify the means by which the information is to be supplied.

Single copy price: Free

Obtain an electronic copy from: https://standards.aami.org/higherlogic/ws/public/document?document_id=17648&wg_id=PUBLIC_REV

Order from: https://standards.aami.org/higherlogic/ws/public/document?document_id=17648&wg_id=PUBLIC_REV

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

ASA (ASC S2) (Acoustical Society of America)**Reaffirmation**

BSR/ASA S2.28-2009 (R201x), Guide for the Measurement and Evaluation of Broadband Vibration of Surface Ship Auxiliary Rotating Machinery (reaffirmation of ANSI/ASA S2.28-2009 (R2014))

Due for 5-year maintenance. Standard contains procedures for the measurement and evaluation of broadband mechanical vibration of non-reciprocating auxiliary machines on surface ships, as measured on non-rotating parts. It applies to acceptance tests on new machinery (shop tests or on-board tests) and to in-situ tests on existing machinery on board ship. This American National Standard is related to the ISO 10816 series that provides guidelines for the evaluation of different types of machines.

Single copy price: \$110.00

Obtain an electronic copy from: asastds@acousticalsociety.org

Order from: Caryn Mennigke, (631) 390-0215, asastds@acousticalsociety.org

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

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

BSR/ASHRAE Standard 37-2009 (R201x), Methods of Testing for Rating Electrically Driven Unitary Air-Conditioning and Heat Pump Equipment (reaffirmation of ANSI/ASHRAE Standard 37-2009)

This standard provides test methods and calculations for steady-state, cyclic, and part-load performance and methods for establishing seasonal performance for unitary air-conditioning and heat pump equipment, including single-capacity, multiple-capacity, variable-capacity, unloading, or multiple compressors for ducted and ductless systems.

Single copy price: \$35.00

Obtain an electronic copy from: Free download at <http://www.ashrae.org/standards-research--technology/public-review-drafts>

Send request to standards.section@ashrae.org

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

ASTM (ASTM International)**New Standard**

BSR/ASTM WK51057-201x, Specification for Selection and Application of Field Installed Cryogenic Pipe and Equipment Insulation Systems on Liquid Natural Gas (LNG) - Fueled Ships (new standard)

https://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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

BSR/ASTM WK66174-201x, Guide for Work of Fracture Measurements on Small Nuclear Graphite Specimens (new standard)

https://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM D4865-2009 (R201x), Guide for Generation and Dissipation of Static Electricity in Petroleum Fuel Systems (reaffirmation of ANSI/ASTM D4865-2009 (R2014))

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BSR/ASTM D5001-2014 (R201x), Test Method for Measurement of Lubricity of Aviation Turbine Fuels by the Ball-on-Cylinder Lubricity Evaluator (BOCLE) (reaffirmation of ANSI/ASTM D5001-2014)

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BSR/ASTM D5364-2014 (R201x), Guide for Design, Fabrication, and Erection of Fiberglass Reinforced (FRP) Plastic Chimney Liners with Coal-Fired Units (reaffirmation of ANSI/ASTM D5364-2014)

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BSR/ASTM D6259-2015 (R201x), Practice for Determination of a Pooled Limit of Quantitation for a Test Method (reaffirmation of ANSI/ASTM D6259-2015)

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BSR/ASTM D6424-2004a (R201x), Practice for Octane Rating Naturally Aspirated Spark Ignition Aircraft Engines (reaffirmation of ANSI/ASTM D6424-2004a (R2014))

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BSR/ASTM D6812-2004b (R201x), Practice for Ground-Based Octane Rating Procedures for Turbocharged/Supercharged Spark Ignition Aircraft Engines (reaffirmation of ANSI/ASTM D6812-2004b (R2014))

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BSR/ASTM E2820-2017 (R201x), Test Method for Evaluating Thermal EMF Properties of Base-Metal Thermocouple Connectors (reaffirmation of ANSI/ASTM E2820-2017)

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BSR/ASTM F1000-2013 (R201x), Practice for Piping System Drawing Symbols (reaffirmation of ANSI/ASTM F1000-2013)

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BSR/ASTM F1496-2013 (R201x), Test Method for Performance of Convection Ovens (reaffirmation of ANSI/ASTM F1496-2013)

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BSR/ASTM F1565-2000 (R201x), Specification for Pressure-Reducing Valves for Steam Service (reaffirmation of ANSI/ASTM F1565-2000 (R2013))

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BSR/ASTM F1567-1994 (R201x), Specification for Fabricated or Cast Automatic Self-Cleaning, Fuel Oil and Lubricating Oil Strainers (reaffirmation of ANSI/ASTM F1567-1994 (R2013))

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BSR/ASTM F1605-2014 (R201x), Test Method for Performance of Double-Sided Griddles (reaffirmation of ANSI/ASTM F1605-2014)

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BSR/ASTM F1685-2000 (R201x), Specification for Pressure-Reducing Manifolds for Air or Nitrogen Systems (reaffirmation of ANSI/ASTM F1685-2000 (R2013))

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BSR/ASTM F1718-2001 (R201x), Specification for Rotary Positive Displacement Distillate Fuel Pumps (reaffirmation of ANSI/ASTM F1718-2001 (R2013))

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BSR/ASTM F1791-2000 (R201x), Specification for Filters Used in Air or Nitrogen Systems (reaffirmation of ANSI/ASTM F1791-2000 (R2013))

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BSR/ASTM F1795-2000 (R201x), Specification for Pressure-Reducing Valves for Air or Nitrogen Systems (reaffirmation of ANSI/ASTM F1795-2000 (R2013))

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BSR/ASTM F1836M-2015 (R201x), Specification for Stuffing Tubes, Nylon, and Packing Assemblies (Metric) (reaffirmation of ANSI/ASTM F1836M-2015)

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BSR/ASTM F1964-2011 (R201x), Test Method for Performance of Pressure Fryers (reaffirmation of ANSI/ASTM F1964-2011)

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BSR/ASTM F2014-2000 (R201x), Specification for Non-Reinforced Extruded Tee Connections for Piping Applications (reaffirmation of ANSI/ASTM F2014-2000 (R2013))

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BSR/ASTM F2015-2000 (R201x), Specification for Lap Joint Flange Pipe End Applications (reaffirmation of ANSI/ASTM F2015-2000 (R2013))

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BSR/ASTM F2022-2001 (R201x), Test Method for Performance of Booster Heaters (reaffirmation of ANSI/ASTM F2022-2001 (R2013))

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BSR/ASTM F2140-2011 (R201x), Test Method for Performance of Hot Food Holding Cabinets (reaffirmation of ANSI/ASTM F2140-2011)

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BSR/ASTM F2141-2007 (R201x), Test Method for Performance of Self-Serve Hot Deli Cases (reaffirmation of ANSI/ASTM F2141-2007 (R2013))

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BSR/ASTM F2142-2001 (R201x), Test Method for Performance of Drawer Warmers (reaffirmation of ANSI/ASTM F2142-2001 (R2013))

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BSR/ASTM F2154-2013 (R201x), Specification for Sound-Absorbing Board, Fibrous Glass, Perforated Fibrous Glass Cloth Faced (reaffirmation of ANSI/ASTM F2154-2013)

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BSR/ASTM F2324-2013 (R201x), Test Method for Prerinse Spray Valves (reaffirmation of ANSI/ASTM F2324-2013)

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BSR/ASTM F2644-2007 (R201x), Test Method for Performance of Commercial Patio Heaters (reaffirmation of ANSI/ASTM F2644-2007 (R2013))

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BSR/ASTM F2877/F2877M-2013 (R201x), Test Method for Shock Testing of Structural Insulation of A-Class Divisions Constructed of Steel or Aluminum (reaffirmation of ANSI/ASTM F2877/F2877M-2013)

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BSR/ASTM F2976-2013 (R201x), Practice for Determining the Field Performance of Commercial Kitchen Demand Control Ventilation Systems (reaffirmation of ANSI/ASTM F2976-2013)

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BSR/ASTM F2991-2013 (R201x), Guide for Doubler Plate Repairs for Non-Classed Ship Structures (reaffirmation of ANSI/ASTM F2991-2013)

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BSR/ASTM F3051-2014 (R201x), Test Method for Performance of Cook-and-Hold Ovens (reaffirmation of ANSI/ASTM F3051-2014)

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ASTM (ASTM International)

Revision

BSR/ASTM D3753-201x, Specification for Glass-Fiber-Reinforced Polyester Manholes and Wetwells (revision of ANSI/ASTM D3753-2012)

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BSR/ASTM D4054-201x, Practice for Evaluation of New Aviation Turbine Fuels and Fuel Additives (revision of ANSI/ASTM D4054-2017)

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BSR/ASTM D6615-201x, Specification for Jet B Wide-Cut Aviation Turbine Fuel (revision of ANSI/ASTM D6615-2015A)

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BSR/ASTM D6708-201x, Practice for Statistical Assessment and Improvement of Expected Agreement between Two Test Methods that Purport to Measure the Same Property of a Material (revision of ANSI/ASTM D6708-2018)

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BSR/ASTM D7826-201x, Guide for Evaluation of New Aviation Gasolines and New Aviation Gasoline Additives (revision of ANSI/ASTM D7826-2018A)

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BSR/ASTM D7959-201x, Test Method for Chloride Content Determination of Aviation Turbine Fuels using Chloride Test Strip (revision of ANSI/ASTM D7959-2016)

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Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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BSR/ASTM E18-201x, Test Methods for Rockwell Hardness of Metallic Materials (revision of ANSI/ASTM E18-2019)

https://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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

BSR/ASTM E235-201x, Specification for Type K and Type N Mineral-Insulated, Metal-Sheathed Thermocouples for Nuclear or for Other High-Reliability Applications (revision of ANSI/ASTM E235-2017 (R2018))

https://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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

BSR/ASTM E574-201x, Specification for Duplex, Base Metal Thermocouple Wire with Glass Fiber or Silica Fiber Insulation (revision of ANSI/ASTM E574-2017)

https://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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

BSR/ASTM E608-201x, Specification for Mineral-Insulated, Metal-Sheathed Base Metal Thermocouples (revision of ANSI/ASTM E608-2017)

https://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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

BSR/ASTM E2181-201x, Specification for Compacted Mineral-Insulated, Metal-Sheathed, Noble Metal Thermocouples and Thermocouple Cable (revision of ANSI/ASTM E2181-2017)

https://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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

BSR/ASTM F1014-201x, Specification for Flashlights on Vessels (revision of ANSI/ASTM F1014-2002 (R2012))

https://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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

BSR/ASTM F1134-201x, Specification for Insulation Resistance Monitor for Shipboard Electrical Motors and Generators (revision of ANSI/ASTM F1134-2015)

https://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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

BSR/ASTM F2520-201x, Specification for Reach-in Refrigerators, Freezers, Combination Refrigerator/Freezers, and Thaw Cabinets (revision of ANSI/ASTM F2520-2005 (R2012))

https://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: Corice Leonard, (610) 832-9744, accreditation@astm.org

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

AWI (Architectural Woodwork Institute)

New Standard

BSR/AWI 0641-201x, Architectural Wood Casework (new standard)

The AWI 0641 - Architectural Wood Casework - provides standards for the aesthetic and structural performance of project-specific architectural wood casework. Includes both aesthetic performance and structural performance criteria for architectural wood casework designed and produced for specific construction projects.

Single copy price: Free

Obtain an electronic copy from: agoodin@awinet.org

Order from: Ashley Goodin, (571) 323-3636, agoodin@awinet.org

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

CSA (CSA America Standards Inc.)

Revision

BSR Z21.90-201x, Gas Convenience Outlets and Optional Enclosures (same as CSA 6.24) (revision of ANSI Z21.90-2015)

Details test and examination criteria for manually operated gas valves, not exceeding 4 inches (102 mm) pipe size, and pilot shut-off devices, except for hose end valves and appliance connector valves, intended to be used as part of a gas-fired appliance

Single copy price: Free

Obtain an electronic copy from: ansi.contact@csagroup.org

Order from: David Zimmerman, (216) 524-4990, david.zimmerman@csagroup.org

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

CTA (Consumer Technology Association)

Withdrawal

ANSI/CTA 2005-2006 (R2013), AV Adapter to Connect Ethernet and 1394 Devices (withdrawal of ANSI/CTA 2005-2006 (R2013))

This document addresses the connection of 1394 devices that implement the "Cable/CE Plug 'n Play" agreement (1394 C/CE devices) to Digital Living Network Alliance Devices (DLNA Devices) that adhere to the DLNA Home Networked Device Interoperability Guidelines v1.0 on Ethernet/WiFi networks. These DLNA Devices are based on the UPnP Device Architecture v1.0 and implement the UPnP AV Device Control Protocols.

Single copy price: Free

Obtain an electronic copy from: standards@cta.tech

Order from: standards@cta.tech

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

HPS (ASC N13) (Health Physics Society)

Reaffirmation

BSR N13.3-2013 (R201x), Dosimetry for Criticality Accidents (reaffirmation of ANSI N13.3-2013)

This standard provides requirements and performance criteria for implementation and maintenance of a dosimetry system capable of providing personnel dose estimates in the event of a criticality accident.

Single copy price: \$50.00

Obtain an electronic copy from: nanjohns@verizon.net

Order from: Nancy Johnson, (703) 790-1745, nanjohns@verizon.net

Send comments (with copy to psa@ansi.org) to: nanjohns@verizon.net

BSR N13.37-2014 (R201x), Environmental Dosimetry - Criteria for System Design and Implementation (reaffirmation of ANSI N13.37-2014)

Provides environmental radiation specialists and state and federal regulatory agencies with guidance on the application, methods of use, and testing of thermoluminescence dosimetry systems.

Single copy price: \$50.00

Obtain an electronic copy from: nanjohns@verizon.net

Order from: Nancy Johnson, (703) 790-1745, nanjohns@verizon.net

Send comments (with copy to psa@ansi.org) to: nanjohns@verizon.net

BSR N13.56-2012 (R201x), Sampling and Monitoring Releases of Airborne Radioactivity in the Workplace (reaffirmation of ANSI N13.56-2012)

This standard sets forth guidelines and performance criteria for sampling radioactive substances in the workplace. Emphasis is on health protection for workers in indoor environments. Specifically, this standard covers air sampling program objectives, design of air sampling and monitoring programs to meet program objectives, methods for air sampling and monitoring in the workplace, and quality assurance to ensure system performance toward protecting workers against unnecessary inhalation exposures.

Single copy price: \$50.00

Obtain an electronic copy from: nanjohns@verizon.net

Order from: Nancy Johnson, (703) 790-1745, nanjohns@verizon.net

Send comments (with copy to psa@ansi.org) to: nanjohns@verizon.net

MHI (Material Handling Industry)

New Standard

BSR MH29.2-201x, Safety Requirements for Industrial Tilters (new standard)

This standard applies to industrial tilters that are rotated about a horizontal axis by means of hydraulic, pneumatic, mechanical, or electromechanical actuation. Industrial tilters can be stationary or movable and are generally used to position, feed, transfer, load, or unload materials only. This standard does not apply to dumpers or upenders where angular travel exceeds 110 degrees, invertors and rotators, refuse dumpers, self-dumping hoppers, or truck-mounted dump bodies.

Single copy price: \$50.00

Obtain an electronic copy from: www.mhi.org

Order from: Patrick Davison, (704) 714-8755, pdavison@mhi.org

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

MHI (Material Handling Industry)

Revision

BSR MH29.1-201x, Safety Requirements for Industrial Scissors Lifts (revision of ANSI MH29.1-2012)

This standard applies to industrial scissors lifts that are raised and lowered by means of hydraulic, pneumatic, or mechanical actuation. These industrial scissors lifts are intended for commercial applications on firm and level surfaces and may be either stationary or mobile and used to position, feed, transfer, load, or unload materials and/or personnel. Industrial scissors lifts are available in a range of capacities, sizes, and travels and include dock lifts, work access lifts, and lift tables. This standard does not apply to: lift tables that do not incorporate scissors-type mechanisms; aerial or work platforms as covered by ANSI/SIA A92; elevators and equipment covered in ANSI/ASME A17.1, Safety Code for Elevators and Escalators; vertical reciprocating conveyors such as those covered in ANSI/ASME B20.1, Safety Standard for Conveyors and Related Equipment; vertical lifts intended for transportation of a mobility impaired person only as covered in ANSI/ASME A18.1, Safety Standard for Platform Lifts and Stairway Chairlifts; automotive vehicle service lifts such as covered in ANSI/ALI ALIS, Standard for Automotive Lifts – Safety Requirements for Installation and Service, ANSI/ALI ALOIM, Standard for Automotive Lifts – Safety Requirements for Operation, Inspection and Maintenance, and ANSI/ALI ALCTV, Standard for Automotive Lifts, Safety Requirements for Construction, Testing, and Validation; vehicle transport lifts as covered in ANSI/ASME PALD, Safety Standard for Portable Automotive Lift Devices, Part 17; or performing art lifts such as stage and orchestra lifts.

Single copy price: \$50.00

Obtain an electronic copy from: www.mhi.org

Order from: Patrick Davison, (704) 714-8755, pdavison@mhi.org

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

NEMA (ASC C78) (National Electrical Manufacturers Association)

New Standard

BSR C78.53-201x, Electric Lamps, Performance Specifications for Direct Replacement LED (Light Emitting Diode) Lamps (new standard)

This standard describes the electrical and mechanical characteristics of LED Lamps that are direct replacements for existing ANSI standardized non-LED lamps. Lamps covered in this standard contain LED-based light sources. Direct replacement is defined as LED lamps that shall not require modification of existing equipment.

Single copy price: \$75.00

Obtain an electronic copy from: michael.erbesfeld@nema.org

Order from: Michael Erbesfeld, (703) 841-3262, Michael.Erbesfeld@nema.org

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

NFPA (National Fire Protection Association)

The National Fire Protection Association announces the availability of NFPA 1 First Draft Report for concurrent review and comment by NFPA and ANSI. The First Draft Report contains the disposition of public inputs that were received for NFPA 1. The First Draft Report for NFPA 1 can be found at www.nfpa.org/1next. All comments on NFPA 1 must be received by June 5, 2019. The disposition of all comments received from the review of the First Draft Report will be published in the Second Draft Report, and will also be available on the document's information page under the next edition tab.

For more information on the rules and for up-to-date information on schedules and deadlines for processing NFPA Documents, check the NFPA website at <http://www.nfpa.org> or contact NFPA's Codes and Standards Administration, at NFPA, One Batterymarch Park, Quincy, MA, 02269-7471. Those who submit comments to NFPA's online submission system on NFPA 850 are invited to copy ANSI's Board of Standards Review.

Revision

BSR/NFPA 1-201x, Fire Code (revision of ANSI/NFPA 1-2018)

The scope includes, but is not limited to, the following: (1) Inspection of permanent and temporary buildings, processes, equipment, systems, and other fire and related life safety situations; (2) Investigation of fires, explosions, hazardous materials incidents, and other related emergency incidents; (3) Review of construction plans, drawings, and specifications for life safety systems, fire protection systems, access, water supplies, processes, hazardous materials, and other fire and life safety issues; (4) Fire and life safety education of fire brigades, employees, responsible parties, and the general public; (5) Existing occupancies and conditions, the design and construction of new buildings, remodeling of existing buildings, and additions to existing buildings; (6) Design, installation, alteration, modification, construction, maintenance, repairs, servicing, and testing of fire protection systems and equipment; (7) Installation, use, storage, and handling of medical gas systems; (8) Access requirements for fire department operations; (9) Hazards from outside fires in vegetation, trash, building debris, and other materials; (10) Regulation and control of special events including, but not limited to, assemblage of people, exhibits, trade shows, amusement parks, haunted houses, outdoor events, and other similar special temporary and permanent occupancies; (11) Interior finish, decorations, furnishings, and other combustibles that contribute to fire spread, fire load, and smoke production; (12) Storage, use, processing, handling, and on-site transportation of flammable and combustible gases, liquids, and solids; (13) Storage, use, processing, handling, and on-site transportation of hazardous materials; (14) Control of emergency operations and scenes; (15) Conditions affecting fire fighter safety; and (16) Arrangement, design, construction, and alteration of new and existing means of egress.

Obtain an electronic copy from: www.nfpa.org/1next

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

NSF (NSF International)

Revision

BSR/NSF 50-201x (i157r1), Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and Other Recreational Water Facilities (revision of ANSI/NSF 50-2018)

This Standard covers materials, components, products, equipment and systems, related to public and residential recreational water facility operation.

Single copy price: Free

Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/47847/50i157r1%20JC%20memo%20and%20ballot.pdf

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

SCTE (Society of Cable Telecommunications Engineers)

Revision

BSR/SCTE 149-201x, Test Method for Withstand Tightening Torque - F Female (revision of ANSI/SCTE 149-2013)

This test procedure applies as a method for determining whether a female F port withstands a specified tightening torque when mated to a known male F connector fixture.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

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

SERI (Sustainable Electronics Recycling International)

New Standard

BSR/SERI R2-V3-201x, The Sustainable Electronics Reuse & Recycling (R2) Standard (new standard)

The R2 Standard establishes responsible reuse and recycling ("R2") practices for the management and processing of used electronics globally. By certifying to this Standard through an accredited third-party Certification Body, an R2 Facility can help IT asset managers, sellers of used electronics, and prospective purchasers of IT Asset Disposition, refurbishment, remarketing, and recycling services (among others) make informed decisions and have increased confidence that used electronic equipment is managed in an environmentally responsible manner, protective of the health and safety of workers and the public, and that all data on all devices is secure and effectively destroyed. (R2-V3 is a revision of the current R2:2013 Standard, which is not an approved ANS.)

Single copy price: Free

Obtain an electronic copy from: www.sustainableelectronics.org

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

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

Revision

BSR A108.02-201x, General Requirements: Materials, Environmental, and Workmanship (revision of ANSI A108.02-2016)

This specification is intended to describe the general requirements of materials and workmanship for installation of ceramic tile.

Single copy price: \$15.00

Obtain an electronic copy from: ksimpson@tileusa.com

Send comments (with copy to psa@ansi.org) to: Katelyn Simpson, ksimpson@tileusa.com

BSR A108.14-201x, Installation of Paper-Faced Glass Mosaic Tile (revision of ANSI A108.14-2010)

This specification is a guideline for installing paper-faced glass mosaic tile (including glass tile thinner than 3/16 in. and sheets/murals incorporating tiles of varying thickness) using the wet-set method, with portland cement mortar.

Single copy price: \$15.00

Obtain an electronic copy from: ksimpson@tileusa.com

Send comments (with copy to psa@ansi.org) to: Katelyn Simpson, ksimpson@tileusa.com

BSR A108.15-201x, Alternate Method: Installation of Paper-Faced Glass Mosaic Tile (revision of ANSI A108.15-2005 (R2016))

This specification is a guideline for paper-faced glass mosaic tile (including glass tile thinner than 3/16 in. and sheets/murals incorporating tiles of varying thickness) installed over portland cement mortar beds, cured a minimum of seven days, and cementitious backer units (CBU's) using manufacturer-recommended ANSI A118.4 thin-sets combined with back buttering the sheets with grout during the installation process.

Single copy price: \$15.00

Obtain an electronic copy from: ksimpson@tileusa.com

Send comments (with copy to psa@ansi.org) to: Katelyn Simpson, ksimpson@tileusa.com

BSR A108.16-201x, Installation of Paper-Faced, Back-Mounted, Edge-Mounted, or Clear Film Face-Mounted Glass Mosaic Tile (revision of ANSI A108.16-2005 (R2016))

This specification is a guideline for installing paper-faced, back-mounted, edge-mounted, or clear film face-mounted glass mosaic tile, 3/16 in. and thicker, using the direct bond method over portland cement mortar beds, cured seven days minimum, and cementitious backer units (CBU's).

Single copy price: \$15.00

Obtain an electronic copy from: ksimpson@tileusa.com

Send comments (with copy to psa@ansi.org) to: Katelyn Simpson, ksimpson@tileusa.com

BSR A108.19-201x, Standard Specifications for Interior Installation of Gauged Porcelain Tiles and Gauged Porcelain Tile Panels/Slabs by the Thin-Bed Method Bonded with Modified Dry-Set Cement Mortar or Improved Modified Dry-Set Cement Mortar (revision of ANSI A108.19-2017)

This specification provides interior installation procedures and requirements for installing gauged porcelain tiles and gauged porcelain tile panels/slabs that meet ANSI A137.3, tables 4 and 5.

Single copy price: \$15.00

Obtain an electronic copy from: ksimpson@tileusa.com

Send comments (with copy to psa@ansi.org) to: Katelyn Simpson, ksimpson@tileusa.com

BSR A118.1-201x, Standard Specifications for Dry-Set Cement Mortar (revision of ANSI A118.1-2018)

This specification describes the test methods and the minimum requirements for standard dry-set cement mortar.

Single copy price: \$15.00

Obtain an electronic copy from: ksimpson@tileusa.com

Send comments (with copy to psa@ansi.org) to: Katelyn Simpson, ksimpson@tileusa.com

BSR A118.4-201x, Standard Specifications for Modified Dry-Set Cement Mortar (revision of ANSI A118.4-2018)

This specification describes the test methods and the minimum requirements for modified dry-set cement mortar.

Single copy price: \$15.00

Obtain an electronic copy from: ksimpson@tileusa.com

Send comments (with copy to psa@ansi.org) to: Katelyn Simpson, ksimpson@tileusa.com

BSR A118.6-201x, Standard Specifications for Standard Cement Grouts for Tile Installation (revision of ANSI A118.6-2010 (R2016))

This specification describes the test methods and minimum requirements for standard cementitious grouts. Grouts meeting this specification may or may not contain polymers.

Single copy price: \$15.00

Obtain an electronic copy from: ksimpson@tileusa.com

Send comments (with copy to psa@ansi.org) to: Katelyn Simpson, ksimpson@tileusa.com

BSR A118.7-201x, Standard Specifications for High Performance Cement Grouts for Tile Installation (revision of ANSI A118.7-2010 (R2016))

This specification describes the test methods and minimum requirements for high-performance cement grouts. Grouts in this category provide improved tensile strength, flexural strength, and lower water absorption.

Single copy price: \$15.00

Obtain an electronic copy from: ksimpson@tileusa.com

Send comments (with copy to psa@ansi.org) to: Katelyn Simpson, ksimpson@tileusa.com

BSR A118.9-201x, Standard Specifications for Test Methods and Specifications for Cementitious Backer Units (revision of ANSI A118.9-1999 (R2016))

This specification describes the test methods and the minimum requirements and values for cementitious backer units.

Single copy price: \$15.00

Obtain an electronic copy from: ksimpson@tileusa.com

Send comments (with copy to psa@ansi.org) to: Katelyn Simpson, ksimpson@tileusa.com

BSR A118.15-201x, Standard Specifications for Improved Modified Dry-Set Cement Mortar (revision of ANSI A118.15-2018)

This specification describes the test methods and the minimum requirements for improved modified dry-set cement mortar.

Single copy price: \$15.00

Obtain an electronic copy from: ksimpson@tileusa.com

Send comments (with copy to psa@ansi.org) to: Katelyn Simpson, ksimpson@tileusa.com

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 60745-2-20-201x, Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-20: Particular Requirements For Band Saws (identical national adoption of IEC 60745-2-20)

This proposal for UL 60745-2-20 covers: (1) Reaffirmation and continuance of the first edition of the Standard for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-20: Particular Requirements for Band Saws, UL 60745-2-20, as an American National Standard.

Single copy price: Free

Obtain an electronic copy from: <http://www.shopulstandards.com>

Order from: <https://www.shopulstandards.com/>

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

BSR/UL 61010-2-051-201X, Standard for Safety for Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 2-051: Particular Requirements for Laboratory Equipment for Mixing and Stirring (identical national adoption of IEC 61010-2-051 and revision of ANSI/UL 61010-2-051-2015)

This proposal is an adoption of IEC 61010-2-051, Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 2-051: Particular Requirements for Laboratory Equipment for Mixing and Stirring (fourth edition, issued by IEC October 2018) as a new IEC-based UL standard, UL 61010-2-051 with No US Differences. This part of IEC 61010 is applicable to electrically operated laboratory equipment and its accessories for mechanical mixing and stirring, where mechanical energy influences the shape or size or homogeneity of materials and their accessories. Such devices can contain heating elements.

Single copy price: Free

Obtain an electronic copy from: <http://www.shopulstandards.com>

Send comments (with copy to psa@ansi.org) to: Vickie Hinton, (919) 549-1851, Vickie.T.Hinton@ul.com

BSR/UL 61010-2-061-201X, Standard for Safety for Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 2-061: Particular Requirements for Laboratory Atomic Spectrometers with Thermal Atomization and Ionization (identical national adoption of IEC 61010-2-061 and revision of ANSI/UL 61010-2-061-2015)

This proposal is an adoption of IEC 61010-2-061, Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 2-061: Particular Requirements for Laboratory Atomic Spectrometers with Thermal Atomization and Ionization (fourth edition, issued by IEC September 2018) as a new IEC-based UL standard, UL 61010-2-061 with No US Differences. This part of IEC 61010 applies to electrically powered laboratory atomic spectrometers with thermal atomization.

Single copy price: Free

Obtain an electronic copy from: <http://www.shopulstandards.com>

Send comments (with copy to psa@ansi.org) to: Vickie Hinton, (919) 549-1851, Vickie.T.Hinton@ul.com

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 1577-2014 (R201x), Standard for Safety for Optical Isolators (reaffirmation of ANSI/UL 1577-2014)

These requirements cover optical isolators, also called optical couplers or photocouplers: (a) intended to provide unidirectional signal transfer between dielectrically isolated circuits and (b) intended for use in equipment with a supply voltage not exceeding 600 V ac rms or dc.

Single copy price: Free

Obtain an electronic copy from: <http://www.shopulstandards.com>

Send comments (with copy to psa@ansi.org) to: Mitchell Gold, (847) 664-2850, mitchell.gold@ul.com

BSR/UL 60745-2-18-2009 (R201x), Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-18: Particular Requirements for Strapping Tools (reaffirmation of ANSI/UL 60745-2-18-2009 (R2014))

This proposal for UL 60745-2-18 covers: (1) Reaffirmation and continuance of the first edition of the Standard for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-18: Particular Requirements for Strapping Tools, UL 60745-2-18, as an American National Standard.

Single copy price: Free

Obtain an electronic copy from: <http://www.shopulstandards.com>

Order from: <https://www.shopulstandards.com/>

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

BSR/UL 60745-2-22-2014 (R201x), Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-22: Particular Requirements for Cut-Off Machines (reaffirmation of ANSI/UL 60745-2-22-2014)

This proposal for UL 60745-2-22 covers: (1) Reaffirmation and continuance of the first edition of the Standard for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-22: Particular Requirements for Cut-Off Machines, UL 60745-2-22, as an American National Standard.

Single copy price: Free

Obtain an electronic copy from: <http://www.shopulstandards.com>

Order from: <https://www.shopulstandards.com/>

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

Comment Deadline: June 4, 2019

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

TMA (The Monitoring Association)

Revision

BSR/TMA CS-V-01-201x, Alarm Confirmation, Verification, and Notification Procedures (revision and redesignation of ANSI/CSAA CS-V-01-2016)

This standard defines methods by which false notifications for signals received from security systems can be greatly reduced. It has been proven that confirming and verifying an alarm signal by a supervising station will drastically reduce false notifications. This standard takes confirmation to its next level by defining multiple attempt confirmation, biometric, audio and video confirmation.

Single copy price: Free

Obtain an electronic copy from: https://tma.us/wp-content/uploads/2019/03/CS-V-01-2019-All-Accept-Draft-Rev-3_0-1.pdf

Send comments (with copy to psa@ansi.org) to: <https://tma.us/form-for-proposals-on-tma-standards-online/>

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: 901 N. Glebe Road, Suite 300
Arlington, VA 22203

Contact: Jennifer Moyer

Phone: (703) 253-8274

E-mail: jmoyer@aami.org

BSR/AAMI/ISO 15883-4-201x, Washer-disinfectors - Part 4:
Requirements and tests for washer-disinfectors employing chemical
disinfection for thermolabile endoscopes (identical national
adoption of ISO 15883-4:2018)

BSR/AAMI/ISO 20417-201x, Medical Devices - Information to be
provided by the manufacturer (identical national adoption of ISO
20417)

ASA (ASC S1) (Acoustical Society of America)

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

Contact: Caryn Mennigke

Phone: (631) 390-0215

E-mail: asastds@acousticalsociety.org

BSR/ASA S1.4-201x/Part 2/IEC 61672-2-201x/Amd1-201x,
Electroacoustics - Sound level meters - Part 2: Pattern evaluation
tests, Amendment 1 (identical national adoption of IEC 61672
-2:2013/Amd1:2017)

ASA (ASC S2) (Acoustical Society of America)

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

Contact: Caryn Mennigke

Phone: (631) 390-0215

E-mail: asastds@acousticalsociety.org

BSR/ASA S2.28-2009 (R201x), Guide for the Measurement and
Evaluation of Broadband Vibration of Surface Ship Auxiliary
Rotating Machinery (reaffirmation of ANSI/ASA S2.28-2009
(R2014))

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

Office: 1791 Tullie Circle NE
Atlanta, GA 30329

Contact: Tanisha Meyers-Lisle

Phone: (678) 539-1111

E-mail: tmlisle@ashrae.org

BSR/ASHRAE Standard 37-2009 (R201x), Methods of Testing for Rating
Electrically Driven Unitary Air-Conditioning and Heat Pump
Equipment (reaffirmation of ANSI/ASHRAE Standard 37-2009)

CTA (Consumer Technology Association)

Office: 1919 South Eads Street
Arlington, VA 22202

Contact: Veronica Lancaster

Phone: (703) 907-7697

E-mail: vlancaster@cta.tech

ANSI/CTA 2005-2006 (R2013), AV Adapter to Connect Ethernet and
1394 Devices (withdrawal of ANSI/CTA 2005-2006 (R2013))

ECIA (Electronic Components Industry Association)

Office: 13873 Park Center Road
Suite 315
Herndon, VA 20171

Contact: Laura Donohoe

Phone: (571) 323-0294

E-mail: ldonohoe@ecianow.org

BSR/EIA 364-51B-201x, Ice Resistance of Mated Connectors (revision
and redesignation of ANSI/EIA 364-51A-2002 (R2016))

IES (Illuminating Engineering Society)

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

Contact: Patricia McGillicuddy

Phone: (917) 913-0027

E-mail: pmcgillicuddy@ies.org

BSR/IES LM-85-201x, Approved Method: Optical and Electrical
Measurements of LED Packages and LED Arrays (new standard)

MHI (Material Handling Industry)

Office: 8720 Red Oak Boulevard
Suite 201
Charlotte, NC 28217

Contact: Patrick Davison

Phone: (704) 714-8755

E-mail: pdavison@mhi.org

BSR MH29.1-201x, Safety Requirements for Industrial Scissors Lifts
(revision of ANSI MH29.1-2012)

BSR MH29.2-201x, Safety Requirements for Industrial Tilters (new
standard)

BSR MH29.3-201x, Safety Requirements for Industrial Turntables (new
standard)

NSF (NSF International)

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

Contact: Allan Rose

Phone: (734) 827-3817

E-mail: arose@nsf.org

BSR/NSF 7-201x (i22r1), Commercial Refrigerators and Freezers
(revision of ANSI/NSF 7-2016)

BSR/NSF 50-201x (i157r1), Equipment and Chemicals for Swimming
Pools, Spas, Hot Tubs, and Other Recreational Water Facilities
(revision of ANSI/NSF 50-2018)

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.

API (American Petroleum Institute)

Revision

ANSI/API Standard RP 755-2019, Fatigue Risk Management Systems for Personnel in the Refining and Petrochemical Industries (revision of ANSI/API Standard RP 755-2010 (R2018)): 3/27/2019

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

Revision

ANSI/CSA B45.13/IAPMO Z1700-2019, Vacuum waste-collection systems (revision of ANSI/CSA B45.13/IAPMO Z1700-2014): 3/28/2019

NSF (NSF International)

Reaffirmation

ANSI/NSF 418-2014 (i3r1) (R2019), Residential Wastewater - Effluent Filters Longevity Testing (reaffirmation of ANSI/NSF 418-2014 (i1r1)): 3/27/2019

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. Use the following Public Document Library url to access PDF & EXCEL reports of approved & proposed ANS: [List of Approved and Proposed ANS](#)

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.

AAFS (American Academy of Forensic Sciences)

Contact: Teresa Ambrosius, (719) 453-1036, tambrosius@aafs.org
410 North 21st Street, Colorado Springs, CO 80904

New Standard

BSR/ASB BPR 102-201x, Guidelines for Peer Review of Source Conclusions in Toolmark Examinations (new standard)

Stakeholders: Firearm and tool mark examiners and technicians, forensic service providers that provide firearm and tool mark examination services, judicial system, law enforcement investigators, and general public.

Project Need: Currently, there are no recognized guidelines or recommendations for the peer review of conclusions reached in firearm and toolmark analysis, which is important due to the subjective nature of these conclusions.

This document provides best practice recommendations for conducting verifications of source conclusions. These conclusions arise from microscopic examinations and comparisons conducted for the forensic purpose of determining if two or more toolmarks were or could have been made by the same tool.

BSR/ASB BPR 103-201x, Guidelines for Reporting of Source Conclusions in Toolmark Examinations (new standard)

Stakeholders: Firearm and tool mark examiners and technicians, forensic service providers that provide firearm and tool mark examination services, judicial system, law enforcement investigators, and general public.

Project Need: Currently, there are no widely recognized recommendations for report wording of conclusions reached in firearm and toolmark analysis. A document such as this will help bridge the gap between the various forms of reporting language currently used by laboratories that do the same type of firearm and toolmark analyses.

This document provides guidelines for report wording of source conclusions arising from microscopic toolmark examinations and comparisons conducted for the forensic purpose of determining if two or more toolmarks were or could have been made by the same tool.

BSR/ASB STD 100-201x, Range of Conclusions and Criteria in Toolmark Examinations (new standard)

Stakeholders: Firearm and tool mark examiners and technicians, forensic service providers that provide firearm and tool mark examination services, judicial system, law enforcement investigators, and general public.

Project Need: This document provides examiners in the field of firearm and toolmark identification and the judicial system conclusion criteria and a range of conclusions to work from. The profession currently relies on a range of conclusions document; however, this has not been through a formal standard development organization vetting process.

This standard provides the range of conclusions, criteria, and reporting language to be used for all microscopic toolmark examinations and comparisons. These comparisons are conducted for the forensic purpose of determining if two or more toolmarks were or could have been created by the same tool. This document is limited to the process of developing source conclusions and does not address or consider other types of conclusions possible in the analysis of firearm and toolmark evidence.

BSR/ASB STD 101-201x, Supporting Documentation of Source Conclusions in Toolmark Examinations (new standard)

Stakeholders: Firearm and tool mark examiners and technicians, forensic service providers that provide firearm and tool mark examination services, judicial system, law enforcement investigators, and general public.

Project Need: Currently, there are no standards providing minimum requirements for the documentation of supporting information for conclusions reached in firearm and toolmark analysis, which can lead to disparities when case review is needed.

This document provides minimum requirements for supporting documentation of source conclusions arising from microscopic toolmark examinations and comparisons conducted for the forensic purpose of determining if two or more toolmarks were or could have been made by the same tool.

AAMI (Association for the Advancement of Medical Instrumentation)

Contact: Jennifer Moyer, (703) 253-8274, jmoyer@aami.org
901 N. Glebe Road, Suite 300, Arlington, VA 22203

New National Adoption

BSR/AAMI/ISO 15883-4-201x, Washer-disinfectors - Part 4: Requirements and tests for washer-disinfectors employing chemical disinfection for thermolabile endoscopes (identical national adoption of ISO 15883-4:2018)

Stakeholders: Manufacturers, regulators.

Project Need: The identical adoption of this document will provide a harmonized standard for multi-national manufacturers.

This document specifies the particular requirements, including performance criteria for washer-disinfectors (WD) that are intended to be used for cleaning and chemical disinfection of thermolabile endoscopes. It also specifies the performance requirements for the cleaning and disinfection of the washer-disinfector and its components and accessories which can be required to achieve the necessary performance criteria. The methods, instrumentation, and instructions required for type testing, works testing, validation (installation or operational and performance qualification on first installation), routine control and monitoring, and requalification of WD periodically and after essential repairs, are also specified. WD complying with the requirements of this document are not intended for cleaning and disinfection of medical devices, including endoscopic accessories, which are heat stable and can be disinfected or sterilized by thermal methods (see ISO 15883-1:2006+Amd 1:2014, 4.1.5).

ALI (ASC A14) (American Ladder Institute)

Contact: Pam O'Brien, (312) 321-6806, info@americanladderinstitute.org
330 N. Wabash Avenue, Suite 2000, Chicago, IL 60611-6610

Revision

BSR A14.11-201x, Safety Requirements for Stepstools (revision of ANSI A14.11-2018)

Stakeholders: Ladder manufacturers, users, contractors, tradespeople, work-site safety managers.

Project Need: Based on the 5-year renewal cycle which incorporates updates and necessary changes.

This standard prescribes rules governing the safe construction, design, testing, care, and use of wood, metal, plastic, and reinforced plastic stepstools of various configurations. It applies to stepstools that resemble conventional stepladders in their appearance as well as those that do not. It does not cover stepstools that do not meet the general requirements of this standard, nor does it cover accessories that may be installed on or used in conjunction with stepstools.

ASA (ASC S1) (Acoustical Society of America)

Contact: Caryn Mennigke, (631) 390-0215, asastds@acousticalsociety.org
1305 Walt Whitman Road, Suite 300, Melville, NY 11747

New National Adoption

BSR/ASA S1.4-201x/Part 2/IEC 61672-2-201x/Amd1-201x, Electroacoustics - Sound level meters - Part 2: Pattern evaluation tests, Amendment 1 (identical national adoption of IEC 61672-2:2013/Amd1:2017)

Stakeholders: Acousticians, noise control engineers, scientists, engineers, government agencies charged with enforcement of noise control or environmental regulations.

Project Need: An amendment was issued for IEC 61672-2:2013, which has been nationally adopted as ANSI/ASA S1.4/Part 2/IEC 61672-2. Adoption of this amendment is required to keep the nationally adopted international standard in sync with the baseline IEC document.

This amendment identifies a new normative reference and provides additional text to follow clause 7.10.3.1.

AWS (American Welding Society)

Contact: Rakesh Gupta, (305) 443-9353 EXT 301, gupta@aws.org
8669 NW 36th Street, # 130, Miami, FL 33166

Addenda

BSR/AWS A4.3-1993-ADD1-201x, Standard Methods for Determination of the Diffusible Hydrogen Content of Martensitic, Bainitic, and Ferritic Steel Weld Metal Produced by Arc Welding (addenda to ANSI/AWS A4.3-2018)

Stakeholders: Welding industry.

Project Need: Adding hot carrier gas extraction method to determine the diffusible hydrogen content. This has been a recognized method per ISO 3690 since 2012 and has been proven to yield comparable results to other methods described in this document.

A standard 25 x 12 x 80 mm test specimen and method of preparation are set forth, along with two standard methods of diffusible hydrogen analysis, mercury displacement and gas chromatography. The methods are suitable for shielded metal arc welding, gas metal arc welding, flux-cored arc welding, and submerged arc welding using welding conditions and electrodes given in several applicable American Welding Society filler metal specifications.

New Standard

BSR/AWS A5.26/A5.26M-201x, Specification for Carbon and Low-Alloy Steel Electrodes for Electro-gas Welding (new standard)

Stakeholders: Welding industry.

Project Need: Updating to new information.

Classification requirements are specified for solid and composite (flux-cored and metal-cored) electrodes for electro-gas welding. The requirements include chemical composition of the electrode for solid electrodes and of weld metal for composite (cored) electrodes, in addition to the mechanical properties and soundness of weld metal taken from a groove weld made with these electrodes using the prescribed welding procedure. Standard electrode sizes, marking, and packaging requirements are included.

Revision

BSR/AWS A4.2M/ISO 8249:201x, Standard Procedures for Calibrating Magnetic Instruments to Measure the Delta Ferrite Content of Austenitic and Duplex Ferritic-Austenitic Stainless Steel Weld Metal (revision of ANSI/AWS A4.2M/ISO 8249:2000-2006 (R2014))

Stakeholders: Welding industry.

Project Need: Correcting a typo for ferritic number for 0.052 mm coating thickness.

Calibration procedures are specified for a number of commercial instruments that can then provide reproducible measurements of the ferrite content of austenitic stainless steel weld metals. Certain of these instruments can be further calibrated for measurements of the ferrite content of duplex ferritic-austenitic stainless steel weld metals. Calibration with primary standards (nonmagnetic coating thickness standards from the U.S. National Institute of Standards and Technology) is the preferred method for appropriate instruments. Alternatively, these and other instruments can be calibrated with weld-metal-like secondary standards. Reproducibility of measurement after calibration is specified. Problems associated with accurate determination of ferrite content are described.

BSR/AWS A5.21/A5.21M-201x, Specification for Bare Electrodes and Rods for Surfacing (revision of ANSI/AWS A5.21/A5.21M-2010)

Stakeholders: Welding industry.

Project Need: Adding new filler metal classification.

This specification prescribes the requirements for classification of bare electrodes and rods for surfacing. Solid surfacing electrodes and rods are classified on the basis of the composition of the material as manufactured. Metal-cored and flux-cored composite (tubular) surfacing electrodes and rods are classified on the basis of the chemical composition of the deposited weld metal. Tubular tungsten carbide bare rods are classified on the basis of the mesh range, quantity, and composition of the tungsten carbide granules. A guide is appended to the specification as a source of information concerning the characteristics and applications of the classified electrodes.

BSR/AWS A5.25/A5.25M-201x, Specification for Carbon and Low-Alloy Steel Electrodes and Fluxes for Electroslag Welding (revision of ANSI/AWS A5.25/A5.25M-1997 (R2009))

Stakeholders: Welding industry professional involved in Electroslag welding.

Project Need: Updating with the latest practices.

Classification requirements are specified for fluxes and solid and composite metal-cored electrodes for electroslag welding. The requirements for electrodes include chemical composition of the electrode for solid electrodes and of weld metal for metal-cored electrodes. Requirements for fluxes include the mechanical properties and soundness of weld metal taken from a groove weld made with a particular electrode using a prescribed welding procedure. Standard electrode sizes, marking, and packaging requirements are included.

BSR/AWS A5.28/A5.28M-201x, Specification for Low-Alloy Steel Electrodes and Rods for Gas Shielded arc Welding (revision of ANSI/AWS A5.28/A5.28M-2005 (R2015))

Stakeholders: Welding professionals involved in gas shielded arc welding.

Project Need: Adding new filler metal classifications.

This specification prescribes the requirements for the classification of solid low-alloy steel electrodes and rods, composite stranded low-alloy steel electrodes and rods, and composite metal-cored low-alloy steel electrodes and rods for gas shielded welding processes including gas metal arc welding, gas tungsten arc welding, and plasma arc welding. Classification is based on chemical composition of the electrode for solid electrodes and rods, chemical composition of weld metal for composite stranded and composite metal-cored electrodes and rods and the as-welded or postweld heat-treated mechanical properties of the weld metal for each. Additional requirements are included for manufacture, sizes, lengths, and packaging. A guide is appended to the specification as a source of information concerning the classification system employed and the intended use of the electrodes and rods.

BSR/AWS A5.10/A5.10M-201x (ISO 18273-2004 MOD), Welding Consumables - Wire Electrodes, Wires and Rods for Welding of Aluminum and Aluminum Alloys -- Classification (revision of ANSI/AWS A5.10/A5.10M-2016 (ISO 18273-2004 MOD))

Stakeholders: Welding industry.

Project Need: Adding more information.

This specification prescribes requirements for the classification of bare, wrought, and cast aluminum-alloy electrodes and rods for use with the gas metal arc, gas tungsten arc, oxyfuel gas, and plasma arc welding processes.

CSA (CSA America Standards Inc.)

Contact: David Zimmerman, (216) 524-4990, david.zimmerman@csagroup.org
8501 E. Pleasant Valley Road, Cleveland, OH 44131

New Standard

BSR/CSA LNG 3.20-201x, Road Vehicles - Liquefied Natural Gas (LNG) Fuel System Components - Part 20: Flexible Fuel or Vent Lines (new standard)

Stakeholders: Testing and certification agencies, LNG hose manufacturers, LNG cylinder manufacturers, LNG component manufactures, and LNG vehicle manufacturers.

Project Need: There is not an international or domestic standard for LNG vehicle hoses.

This CSA LNG 3.20 standard specifies tests and requirements for the flexible fuel line or vent line for service temperature colder than -40°C (-40°F) and cryogenic conditions, a liquefied natural gas fuel system component intended for use on the types of motor vehicles defined in ISO 3833. This standard is not applicable to the following: (a) fuel containers; (b) stationary gas engines; (c) container mounting hardware; (d) electronic fuel management; or (e) refueling receptacles.

BSR/LNG 4.2-201x, Hoses for Liquefied Natural Gas (LNG) Dispensing Systems for Natural Gas Vehicles (new standard)

Stakeholders: LNG dispenser manufacturers.

Project Need: There is not an international or domestic standard for LNG dispenser hoses.

This Standard applies to liquefied natural gas metallic hose assemblies which are used on LNG dispensers to connect the dispenser to the refueling nozzle and for gas lines which carry vented gas back to a safe location within the following service temperature range from -196°C to +65°C and nominal hose size range DN (NPS) from 10 to 50 (3/8 to 2).

BSR/LNG 4.4-201x, Breakaway Devices for Liquefied Natural Gas (LNG) Dispensing Systems for Natural Gas Vehicles (new standard)

Stakeholders: LNG dispenser manufacturers.

Project Need: There is not an international or domestic standard for LNG dispenser breakaway devices.

This standard applies to newly manufactured LNG dispenser fueling and vent hose emergency breakaway shutoff devices, referred to in this standard as "devices".

ECIA (Electronic Components Industry Association)

Contact: Laura Donohoe, (571) 323-0294, ldonohoe@ecianow.org
13873 Park Center Road, Suite 315, Herndon, VA 20171

Revision

BSR/EIA 364-51B-201x, Ice Resistance of Mated Connectors (revision and redesignation of ANSI/EIA 364-51A-2002 (R2016))

Stakeholders: Electrical, electronic, and telecommunications industries.

Project Need: Revise and redesignate current American National Standard.

This standard establishes test methods to determine the ability of mated electrical connectors to resist the effects of ice build-up due to water splashing or brief immersion in water, where water is free to drain off of the connector surfaces.

ESTA (Entertainment Services and Technology Association)

Contact: Richard Nix, (212) 244-1505, standards@esta.org
630 Ninth Avenue, Suite 609, New York, NY 10036-3748

Revision

BSR/ES1.19-201x, Safety Requirements for Special Event Structures (revision of ANSI ES1.19-2018)

Stakeholders: Special event producers, entertainment technicians, planners, special event regulators, inspectors and other government authorities involved in public safety for special events.

Project Need: ANSI ES1.19 is being revised to correct errata and to expand on existing requirements.

This standard covers any temporary structure used for special events ("temporary special event structures"), where such structures are used for presentation, performance, structural support of entertainment technology equipment, or audience seating or viewing in conjunction with the event; regardless if the event is indoor or outdoor. The scope of this standard covers any such structure not otherwise addressed by existing standards, codes, or legislation, and to the extent that such other standards, codes, or legislation do not already address conditional use of those temporary structures within existing structures.

HL7 (Health Level Seven)

Contact: Karen Van Hentenryck, (734) 677-7777, Karenvan@HL7.org
3300 Washtenaw Avenue, Suite 227, Ann Arbor, MI 48104

Revision

BSR/HL7 IG UDI, R2-201x, HL7 Cross Paradigm Implementation Guide: UDI Pattern, Release 2 (revision and redesignation of ANSI/HL7 IG UDI, R1-2019)

Stakeholders: Standards development organizations.

Project Need: Reflects the updates in HL7 V2.9 and HL7 FHIR Release 4 standards that impact the representation of UDI data and other data represented in the HFR or AIDC representation of the barcode and/or other data on the label.

Update of Release 1 content with R4 FHIR Device and Device Definition resources and any V2 content ready for use. The updates will be publishable as a Cross-Paradigm Implementation Guide.

IES (Illuminating Engineering Society)

Contact: Patricia McGillicuddy, (917) 913-0027, pmcgillicuddy@ies.org
120 Wall Street, Floor 17, New York, NY 10005

New Standard

BSR/IES LM-85-201x, Approved Method: Optical and Electrical Measurements of LED Packages and LED Arrays (new standard)

Stakeholders: LED manufacturers, solid-state lighting product manufacturers, testing equipment manufacturers, testing and calibration labs, lighting practitioners, end users, standards bodies, and regulators.

Project Need: To update and improve the IES document based on the new knowledges, post-publishing practice, and users' inputs.

To provide practical and improved measurement procedures for achieving accurate measurement results. Also to (1) add filament LEDs and laser-diode-driven light sources into the scope and (2) address the discrepancy in measurement results obtained using the three different operating modes: single pulse mode, continuous pulse mode, and DC mode.

MHI (Material Handling Industry)

Contact: Patrick Davison, (704) 714-8755, pdavison@mhi.org
8720 Red Oak Boulevard, Suite 201, Charlotte, NC 28217

New Standard

BSR MH29.3-201x, Safety Requirements for Industrial Turntables (new standard)

Stakeholders: Manufacturers, distributors, users, and regulators of material handling equipment

Project Need: The standard will establish criteria for the design, manufacture, performance, operation, and safety of industrial turntables.

This standard applies to industrial turntables used in material handling applications. They are generally operated manually, or activated by hydraulic, pneumatic, mechanical, or electro-mechanical means. Industrial turntables can be stationary or movable and are generally used to rotate, position, feed, transfer, load, or unload materials. Industrial turntables are available in a range of capacities, sizes, and degrees of rotation.

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)**
- **AARST (American Association of Radon Scientists and Technologists)**
- **AGA (American Gas Association)**
- **AGSC-AGRSS (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 (Green Building Initiative)**
- **HL7 (Health Level Seven)**
- **IES (Illuminating Engineering Society)**
- **ITI (InterNational Committee for Information Technology Standards)**
- **MHI (Material Handling Industry)**
- **NAHBRC (NAHB Research Center, Inc.)**
- **NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)**
- **NCPDP (National Council for Prescription Drug Programs)**
- **NEMA (National Electrical Manufacturers Association)**
- **NISO (National Information Standards Organization)**
- **NSF (NSF International)**
- **PRCA (Professional Ropes Course Association)**
- **RESNET (Residential Energy Services Network, Inc.)**
- **SAE (SAE International)**
- **TCNA (Tile Council of North America)**
- **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.

<p>AAFS American Academy of Forensic Sciences 410 North 21st Street Colorado Springs, CO 80904 Phone: (719) 453-1036 Web: www.aafs.org</p>	<p>ASHRAE American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. 1791 Tullie Circle NE Atlanta, GA 30329 Phone: (678) 539-1111 Web: www.ashrae.org</p>	<p>HL7 Health Level Seven 3300 Washtenaw Avenue Suite 227 Ann Arbor, MI 48104 Phone: (734) 677-7777 Web: www.hl7.org</p>	<p>NSF NSF International 789 N. Dixboro Road Ann Arbor, MI 48105-9723 Phone: (734) 418-6660 Web: www.nsf.org</p>
<p>AAMI Association for the Advancement of Medical Instrumentation 901 N. Glebe Road, Suite 300 Arlington, VA 22203 Phone: (703) 253-8274 Web: www.aami.org</p>	<p>ASTM ASTM International 100 Barr Harbor Drive West Conshohocken, PA 19428-2959 Phone: (610) 832-9744 Web: www.astm.org</p>	<p>Home Innovation Home Innovation Research Labs 400 Prince George's Boulevard Upper Marlboro, MD 20774-8731 Phone: (301) 430-6314 Web: www.HomeInnovation.com</p>	<p>SCTE Society of Cable Telecommunications Engineers 140 Philips Road Exton, PA 19341-1318 Phone: (484) 252-2330 Web: www.scte.org</p>
<p>AARST American Association of Radon Scientists and Technologists 475 S Church Street Suite 600 Hendersonville, NC 28792 Phone: (202) 830-1110 Web: www.aarst.org</p>	<p>AWI Architectural Woodwork Institute 46179 Westlake Drive, Ste 120 Potomac Falls, VA 20165 Phone: (571) 323-3636 Web: www.awinet.org</p>	<p>HPS (ASC N13) Health Physics Society 1313 Dolley Madison Blvd #402 McLean, VA 22101 Phone: (703) 790-1745 Web: www.hps.org</p>	<p>SERI Sustainable Electronics Recycling International P.O. Box 19611 Boulder, CO 80308 Phone: (248) 891-2837 Web: www.sustainableelectronics.org</p>
<p>ALI (ASC A14) American Ladder Institute 330 N. Wabash Avenue, Suite 2000 Chicago, IL 60611-6610 Phone: (312) 321-6806 Web: www.americanladderinstitute.org</p>	<p>AWS American Welding Society 8669 NW 36th Street # 130 Miami, FL 33166 Phone: (305) 443-9353 EXT 301 Web: www.aws.org</p>	<p>IAPMO (Z) International Association of Plumbing & Mechanical Officials 5001 East Philadelphia Street Ontario, CA 91761 Phone: (909) 230-5534 Web: www.iapmort.org</p>	<p>TCNA (ASC A108) Tile Council of North America 100 Clemson Research Blvd. Anderson, SC 29625 Phone: (864) 646-8453 Web: www.tileusa.com</p>
<p>API American Petroleum Institute 1220 L Street, NW Washington, DC 20005-4070 Phone: (202) 682-8151 Web: www.api.org</p>	<p>CSA CSA America Standards Inc. 8501 E. Pleasant Valley Road Cleveland, OH 44131 Phone: (216) 524-4990 Web: www.csagroup.org</p>	<p>IES Illuminating Engineering Society 120 Wall Street, Floor 17 New York, NY 10005 Phone: (917) 913-0027 Web: www.ies.org</p>	<p>TMA The Monitoring Association 8150 Leesburg Pike, Suite 700 Vienna, VA 22182 Phone: (703) 242-4670 xt 19 Web: www.csaul.org</p>
<p>ASA (ASC S1) Acoustical Society of America 1305 Walt Whitman Road Suite 300 Melville, NY 11747 Phone: (631) 390-0215 Web: www.acousticalsociety.org</p>	<p>CTA Consumer Technology Association 1919 South Eads Street Arlington, VA 22202 Phone: (703) 907-7697 Web: www.cta.tech</p>	<p>MHI Material Handling Industry 8720 Red Oak Boulevard Suite 201 Charlotte, NC 28217 Phone: (704) 714-8755 Web: www.mhi.org</p>	<p>UL Underwriters Laboratories, Inc. 333 Pfingsten Road Northbrook, IL 60062 Phone: (847) 664-3198 Web: www.ul.com</p>
<p>ASA (ASC S2) Acoustical Society of America 1305 Walt Whitman Road Suite 300 Melville, NY 11747 Phone: (631) 390-0215 Web: www.acousticalsociety.org</p>	<p>ECIA Electronic Components Industry Association 13873 Park Center Road Suite 315 Herndon, VA 20171 Phone: (571) 323-0294 Web: www.ecianow.org</p>	<p>NEMA (ASC C78) National Electrical Manufacturers Association 1300 N 17th St Rosslyn, VA 22209 Phone: (703) 841-3262 Web: www.nema.org</p>	
	<p>ESTA Entertainment Services and Technology Association 630 Ninth Avenue Suite 609 New York, NY 10036-3748 Phone: (212) 244-1505 Web: www.esta.org</p>	<p>NFPA National Fire Protection Association One Batterymarch Park Quincy, MA 02269-9101 Phone: (617) 984-7248 Web: www.nfpa.org</p>	



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); comments on ISO documents must be submitted electronically in the approved ISO template and as a Word document as other formats will not be accepted.

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 11202/DAMd1, Acoustics - Noise emitted by machinery and equipment - Determination of emission sound pressure levels at a work station and at other specified positions applying approximate environmental corrections - Amendment 1 - 6/15/2019, \$40.00

ISO/DIS 5135, Acoustics - Determination of sound power levels of noise from air-terminal devices, air-terminal units, dampers and valves by measurement in a reverberation test room - 6/17/2019, \$67.00

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO/DIS 660, Animal and vegetable fats and oils - Determination of acid value and acidity - 6/22/2019, \$53.00

AIR QUALITY (TC 146)

ISO/DIS 4225, Air quality - General aspects - Vocabulary - 6/15/2019, \$82.00

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

ISO/DIS 21917, Anaesthetic and respiratory equipment - Voice prostheses - 6/23/2019, \$58.00

ISO/DIS 23368, Anaesthetic and respiratory equipment - Low flow nasal cannulae for oxygen therapy - 6/16/2019, \$53.00

CONCRETE, REINFORCED CONCRETE AND PRE-STRESSED CONCRETE (TC 71)

ISO/DIS 22904, Additions for concrete - 6/17/2019, \$88.00

DENTISTRY (TC 106)

ISO/DIS 15098, Dentistry - Dental tweezers - 4/22/2019, \$46.00

ISO/DIS 17730, Dentistry - Fluoride varnishes - 6/15/2019, \$58.00

ISO/DIS 20127, Dentistry - Physical properties of powered toothbrushes - 4/22/2019, \$67.00

ISO/DIS 22598, Dentistry - Colour tabs for intraoral tooth colour determination - 4/18/2019, \$40.00

ISO/DIS 23325, Dentistry - Corrosion resistance of dental amalgam - 4/18/2019, \$58.00

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

ISO/DIS 22081, Geometrical product specifications (GPS) - Geometrical tolerancing - General geometrical and dimensional specifications. - 6/20/2019, \$67.00

ISO/DIS 13385-2, Geometrical product specifications (GPS) - Dimensional measuring equipment - Part 2: Calliper depth gauges; Design and metrological characteristics - 6/23/2019, \$58.00

ERGONOMICS (TC 159)

ISO/DIS 9241-394, Ergonomics of human-system interaction - Part 394: Ergonomic requirements for reducing undesirable biomedical effects of visually induced motion sickness during watching electronic images - 6/21/2019, \$88.00

FIRE SAFETY (TC 92)

ISO/DIS 1182, Reaction to fire tests for products - Non-combustibility test - 6/22/2019, \$98.00

GEOGRAPHIC INFORMATION/GEOMATICS (TC 211)

ISO/DIS 19161-1, Geographic information - Geodetic references - Part 1: The international terrestrial reference system (ITRS) - 4/19/2019, \$67.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO/DIS 22549-1, Automation systems and integration - Assessment on convergence of informatization and industrialization for industrial enterprises - Part 1: Framework and reference model - 6/22/2019, \$67.00

ISO/DIS 14649-17, Industrial automation systems and integration - Physical device control - Data model for computerized numerical controllers - Part 17: Process data for additive manufacturing - 4/22/2019, \$82.00

ISO/DIS 10303-113, Industrial automation systems and integration - Product data representation and exchange - Part 113: Integrated application resource: Mechanical design - 6/15/2019, \$29.00

MECHANICAL TESTING OF METALS (TC 164)

ISO/DIS 12004-1, Metallic materials - Sheet and strip - Determination of forming-limit curves - Part 1: Measurement and application of forming-limit diagrams in the press shop - 6/22/2019, \$46.00

ISO/DIS 12004-2, Metallic materials - Sheet and strip - Determination of forming-limit curves - Part 2: Determination of forming-limit curves in the laboratory - 6/22/2019, \$93.00

MINING (TC 82)

ISO/DIS 22932-2, Mining - Terminology - Part 2: Geology - 4/19/2019, \$112.00

OTHER

ISO/DIS 18219-1, Leather - Determination of chlorinated hydrocarbons in leather - Part 1: Chromatographic method for short-chain chlorinated paraffins (SCCP) - 4/20/2019, \$40.00

ISO/DIS 25239-1, Friction stir welding - Aluminium - Part 1: Vocabulary - 6/15/2019, \$67.00

ISO/DIS 25239-2, Friction stir welding - Aluminium - Part 2: Design of weld joints - 6/15/2019, \$40.00

ISO/DIS 25239-3, Friction stir welding - Aluminium - Part 3: Qualification of welding operators - 6/15/2019, \$58.00

ISO/DIS 25239-4, Friction stir welding - Aluminium - Part 4: Specification and qualification of welding procedures - 6/15/2019, \$82.00

ISO/DIS 25239-5, Friction stir welding - Aluminium - Part 5: Quality and inspection requirements - 6/15/2019, \$58.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO 6246/DAmD1, Petroleum products - Gum content of fuels - Jet evaporation method - Amendment 1: Change the purity requirement for n-heptane - 4/20/2019, \$29.00

PLASTICS (TC 61)

ISO/DIS 20819, Plastics - Wood-plastic recycled composites (WPRC) - Specification - 6/23/2019, \$53.00

ISO/DIS 22841, Composites and reinforcements fibres - Carbon fibre reinforced plastics (CFRPs) and metal assemblies - Determination of the tensile lap-shear strength - 6/15/2019, \$46.00

ISO/DIS 24026-1, Plastics - Poly(methyl methacrylate) (PMMA) moulding and extrusion materials - Part 1: Designation system and basis for specifications - 4/18/2019, \$46.00

ISO/DIS 24026-2, Plastics - Poly(methyl methacrylate) (PMMA) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties - 4/18/2019, \$46.00

POWDER METALLURGY (TC 119)

ISO/DIS 4497, Metallic powders - Determination of particle size by dry sieving - 6/21/2019, \$40.00

ISO/DIS 10070, Metallic powders - Determination of envelope-specific surface area from measurements of the permeability to air of a powder bed under steady-state flow conditions - 4/22/2019, \$77.00

ROAD VEHICLES (TC 22)

ISO/DIS 6727, Road vehicles - Motorcycles - Symbols for controls, indicators and telltales - 11/5/2025, \$88.00

ISO/DIS 21780, Road vehicles - Supply voltage of 48 V - Electrical requirements and tests - 6/20/2019, \$125.00

SECURITY (TC 292)

ISO/DIS 22396, Security and resilience - Community resilience - Guidelines for information exchange between organizations - 4/22/2019, \$62.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 21195, Ships and marine technology - Systems for the detection of persons while going overboard from ships (Man overboard detection) - 6/17/2019, \$71.00

STERILIZATION OF HEALTH CARE PRODUCTS (TC 198)

ISO/DIS 17664-2, Processing of health care products - Information to be provided by the medical device manufacturer for the processing of medical devices - Part 2: Non-critical medical devices - 6/23/2019, \$88.00

SUSTAINABLE DEVELOPMENT IN COMMUNITIES (TC 268)

ISO/DIS 37163, Smart community infrastructures - Guidance on smart transportation for parking lot allocation in cities - 6/23/2019, \$58.00

TIMBER (TC 218)

ISO/DIS 17300-1, Wood residue and post-consumer wood - Classification - Part 1: Vocabulary - 4/19/2019, \$58.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO 4254-1/DAmD1, Agricultural machinery - Safety - Part 1: General requirements - Amendment 1 - 6/22/2019, \$40.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 13818-1/DAmD1, Information technology - Generic coding of moving pictures and associated audio information - Part 1: Systems - Amendment 1: Carriage of associated CMAF boxes for audiovisual elementary streams and JPEG XS in MPEG-2 TS - 4/21/2019, \$67.00

ISO/IEC DIS 21972, Information technology - An upper level ontology for smart city indicators - 6/17/2019, \$98.00

ISO/IEC DIS 39794-5, Information technology - Extensible biometric data interchange formats - Part 5: Face image data - 4/19/2019, \$194.00

ISO/IEC DIS 23001-15, Information technology - MPEG systems technologies - Part 15: Carriage of web resource in ISO/BMFF - 4/19/2019, \$71.00

IEC Standards

2/1955/DTS, IEC TS 60034-27-5 ED1: Rotating electrical machines - Part 27-5: Off-line partial discharge tests on winding insulation of rotating electrical machines during repetitive impulse voltage excitation, 2019/6/21

9/2499/NP, PNW 9-2499: Railway applications - Rolling stock - Batteries for auxiliary power supply systems - Part 3: Lead acid batteries (proposed IEC 62973-3), 2019/5/24

15/883/CD, IEC 60893-2 ED3: Insulating materials - Industrial rigid laminated sheets based on thermosetting resins for electrical purposes - Part 2: Methods of test, 2019/6/21

15/878/CDV, IEC 60667-1 ED2: Vulcanized fibre for electrical purposes - Part 1: Definitions and general requirements, 2019/6/21

15/879/CDV, IEC 60667-2 ED2: Vulcanized fibre for electrical purposes. Part 2: Methods of test, 2019/6/21

15/880/CDV, IEC 60667-3-1 ED2: Vulcanized fibre for electrical purposes - Part 3: Specification for individual materials - Sheet 1: Flat sheets, 2019/6/21

17C/707/CD, IEC TR 62271-312 ED1: High-voltage switchgear and controlgear - Part 312: Guidance for the transferability of type tests of high-voltage/low-voltage prefabricated substations, 2019/6/21

- 23G/421/CD, IEC 60320-1/FRAG2 ED4: Appliance couplers for household and similar general purposes - Part 1: General requirements, 2019/6/21
- 23G/420/CD, IEC 60320-1/FRAG1 ED4: Appliance couplers for household and similar general purposes - Part 1: General requirements, 2019/6/21
- 23G/422/CD, IEC 60320-1/FRAG3 ED4: Appliance couplers for household and similar general purposes - Part 1: General requirements, 2019/6/21
- 23G/423/CD, IEC 60320-1/FRAG4 ED4: Appliance couplers for household and similar general purposes - Part 1: General requirements, 2019/6/21
- 23G/424/CD, IEC 60320-1/FRAG5 ED4: Appliance couplers for household and similar general purposes - Part 1: General requirements, 2019/6/21
- 23H/444/CD, IEC 62196-1 ED4: Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 1: General requirements, 2019/5/24
- 23H/445/CD, IEC 62196-2 ED3: Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 2: Dimensional compatibility and interchangeability requirements for a.c. pin and contact-tube accessories, 2019/5/24
- 31G/294(F)/CDV, IEC 60079-25 ED3: Explosive atmospheres - Part 25: Intrinsically safe electrical systems, 2019/6/14
- 32C/565/CD, IEC 60127-6 ED3: Miniature fuses - Part 6: Fuse-holders for miniature fuse-links, 2019/6/21
- 34/607/CD, IEC 63109 ED1: Assessment of blue light hazard of light sources and luminaires, 2019/6/21
- 34A/2134/CD, IEC 63220/FRAG1 ED1: LED Light sources - Safety requirements, 2019/6/21
- 34C/1451/CD, IEC 61347-2-8 ED2: Lamp controlgear - Part 2-8: Particular requirements for ballasts for fluorescent lamps, 2019/6/21
- 44/845/CDV, IEC 61496-1/AMD1 ED3: Amendment 1 - Safety of machinery - Electro-sensitive protective equipment - Part 1: General requirements and tests, 2019/6/21
- 44/846/CDV, IEC 61496-2/AMD1 ED3: Amendment 1 - Safety of machinery - Electro-sensitive protective equipment - Part 2: Particular requirements for equipment using active opto-electronic protective devices (AOPDs), 2019/6/21
- 56/1837/FDIS, IEC 31010 ED2: Risk management - Risk assessment techniques, 2019/5/10
- 57/2088/DTR, IEC TR 61850-90-4 ED2: Communication networks and systems for power utility automation - Part 90-4: Network engineering guidelines, 2019/5/24
- 57/2076/CDV, IEC 61850-5/AMD1 ED2: Amendment 1 - Communication networks and systems for power utility automation - Part 5: Communication requirements for functions and device models, 2019/6/21
- 59/697/CDV, IEC 63086-1 ED1: Household and similar electrical air cleaning appliances - Measurement of performance - Part 1: General requirements, 2019/6/21
- 61D/431/CD, IEC 60335-2-40/AMD1/FRAG4 ED6: Amendment 1 - Household and similar electrical appliances - Safety - Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers (f4), 2019/6/21
- 62D/1683/FDIS, IEC 80601-2-60 ED2: Medical electrical equipment - Part 2-60: Particular requirements for the basic safety and essential performance of dental equipment, 2019/5/10
- 78/1257/DC, IEC 61318: Live working - Conformity assessment applicable to tools, devices and equipment, 2019/5/10
- 79/620/FDIS, IEC 62676-2-31 ED1: Video surveillance systems for use in security applications - Part 2-31: Live streaming and control based on web services, 2019/5/10
- 79/621/FDIS, IEC 62676-2-32 ED1: Video surveillance systems for use in security applications - Part 2-32: Recording control and replay based on web services, 2019/5/10
- 91/1566/FDIS, IEC 60068-2-69/AMD1 ED3: Environmental testing - Part 2-69: Tests - Test Te/Tc: Solderability testing of electronic components and printed boards by the wetting balance (force measurement) method, 2019/5/10
- 100/3233/CD, IEC 60268-22 ED1: Sound system equipment - Electrical and mechanical measurements, 2019/5/24
- 105/729/DC, Proposal for an amendment to IEC 62282-3-201 ED2.0 (2017-02), Fuel cell technologies - Part 3-201: Stationary fuel cell power systems - Performance test methods for small fuel cell power systems, 2019/5/10
- 120/145/CDV, IEC 62933-5-2 ED1: Electrical energy storage (EES) systems - Part 5-2: Safety requirements for grid integrated EES systems - Electrochemical based systems, 2019/6/21
- 122/78/NP, PNW TS 122-78: UHV AC transmission systems - Transmission Line Design, 2019/4/26
- SyCSmartCities/75/CD, IEC TS 63235 ED1: Systems Reference Deliverable (SRD) - Smart City System - Methodology for concepts and taxonomies building, 2019/6/21
- SyCSmartEnergy/105/DTS, IEC TS 62559-4 ED1: Use Case methodology - Part 4: Best Practices in Use Case Development for IEC standardization processes and some examples for application outside standardization, 2019/6/21
- JTC1-SC25/2869/FDIS, ISO/IEC 14543-5-101 ED1: Information technology - Home electronic system (HES) architecture - Part 5 -101: Intelligent grouping and resource sharing for HES Class 2 and Class 3 - Remote media access profile, 2019/5/24



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

DENTISTRY (TC 106)

[ISO 9873:2019](#), Dentistry - Intra-oral mirrors, \$68.00

MACHINE TOOLS (TC 39)

[ISO 2772:2019](#), Test conditions for box type vertical drilling machines - Testing of the accuracy, \$68.00

PLAIN BEARINGS (TC 123)

[ISO 19349:2019](#), Plain bearings with liquid lubrication - Lubricant supply arrangements and monitoring, \$45.00

PULLEYS AND BELTS (INCLUDING VEEBELTS) (TC 41)

[ISO 155:2019](#), Belt drives - Pulleys - Limiting values for adjustment of centres, \$45.00

QUALITY MANAGEMENT AND QUALITY ASSURANCE (TC 176)

[ISO 18091:2019](#), Quality management systems - Guidelines for the application of ISO 9001 in local government, \$209.00

RUBBER AND RUBBER PRODUCTS (TC 45)

[ISO 248-2:2019](#), Rubber, raw - Determination of volatile-matter content - Part 2: Thermogravimetric methods using an automatic analyser with an infrared drying unit, \$68.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

[ISO 14816/Amd1:2019](#), Road transport and traffic telematics - Automatic vehicle and equipment identification - Numbering and data structure - Amendment 1, \$19.00

ISO Technical Reports

REFRIGERATION (TC 86)

[ISO/TR 16494-2:2019](#), Heat recovery ventilators and energy recovery ventilators - Method of test for performance - Part 2: Assessment of measurement uncertainty of performance parameters, \$185.00

ISO Technical Specifications

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

[ISO/TS 16976-4:2019](#), Respiratory protective devices - Human factors - Part 4: Work of breathing and breathing resistance: Physiologically based limits, \$103.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC/IEEE 8802-11/Amd2:2019](#), Information technology -

Telecommunications and information exchange between systems - Local and metropolitan area networks - Specific requirements - Part 11: Wireless LAN medium access control (MAC) and physical layer (PHY) specifications - Amendment 2: Sub 1 GHz license exempt operation, \$232.00

IEC Standards

AUDIO, VIDEO AND MULTIMEDIA SYSTEMS AND EQUIPMENT (TC 100)

[IEC 60268-4 Ed. 6.0 b:2018](#), Sound system equipment - Part 4: Microphones, \$317.00

[IEC 62680-1-2 Ed. 3.0 b:2018](#), Universal serial bus interfaces for data and power - Part 1-2: Common components - USB Power Delivery specification, \$410.00

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

[IEC 62631-3-4 Ed. 1.0 b:2019](#), Dielectric and resistive properties of solid insulating materials - Part 3-4: Determination of resistive properties (DC methods) - Volume resistance and volume resistivity at elevated temperatures, \$82.00

FIBRE OPTICS (TC 86)

[IEC 61315 Ed. 3.0 b:2019](#), Calibration of fibre-optic power meters, \$281.00

[IEC 60793-1-40 Ed. 2.0 b:2019](#), Optical fibres - Part 1-40: Attenuation measurement methods, \$235.00

[S+ IEC 61315 Ed. 3.0 en:2019 \(Redline version\)](#), Calibration of fibre-optic power meters, \$366.00

[S+ IEC 60793-1-40 Ed. 2.0 en:2019 \(Redline version\)](#), Optical fibres - Part 1-40: Attenuation measurement methods, \$305.00

FLAT PANEL DISPLAY DEVICES (TC 110)

[IEC 62629-12-2 Ed. 1.0 b:2019](#), 3D display devices - Part 12-2: Measuring methods for stereoscopic displays using glasses - Motion blur, \$164.00

LAMPS AND RELATED EQUIPMENT (TC 34)

[IEC 60809 Ed. 3.3 b:2019](#), Lamps for road vehicles - Dimensional, electrical and luminous requirements, \$586.00

[IEC 60809 Amd.3 Ed. 3.0 b:2019](#), Amendment 1 - Lamps for road vehicles - Dimensional, electrical and luminous requirements, \$47.00

PERFORMANCE OF HOUSEHOLD ELECTRICAL APPLIANCES (TC 59)

[IEC 60704-2-14 Ed. 2.1 b:2019](#), Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-14: Particular requirements for refrigerators, frozen-food storage cabinets and food freezers, \$123.00

[IEC 60704-2-14 Amd.1 Ed. 2.0 b:2019](#), Amendment 1 - Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-14: Particular requirements for refrigerators, frozen-food storage cabinets and food freezers, \$12.00

POWER TRANSFORMERS (TC 14)

[IEC 60076-11 Ed. 2.0 b cor.1:2019](#), Corrigendum 1 - Power transformers - Part 11: Dry-type transformers, \$0.00

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)

[IEC 60335-2-14 Amd.1 Ed. 6.0 b:2019](#), Amendment 1 - Household and similar electrical appliances - Safety - Part 2-14: Particular requirements for kitchen machines, \$12.00

[IEC 60335-2-14 Ed. 6.1 b:2019](#), Household and similar electrical appliances - Safety - Part 2-14: Particular requirements for kitchen machines, \$322.00

[IEC 60335-2-23 Amd.1 Ed. 6.0 b:2019](#), Amendment 1 - Household and similar electrical appliances - Safety - Part 2-23: Particular requirements for appliances for skin or hair care, \$23.00

[IEC 60335-2-23 Ed. 6.1 b:2019](#), Household and similar electrical appliances - Safety - Part 2-23: Particular requirements for appliances for skin or hair care, \$235.00

[IEC 60335-2-29 Amd.1 Ed. 5.0 b:2019](#), Amendment 1 - Household and similar electrical appliances - Safety - Part 2-29: Particular requirements for battery chargers, \$23.00

[IEC 60335-2-29 Ed. 5.1 b:2019](#), Household and similar electrical appliances - Safety - Part 2-29: Particular requirements for battery chargers, \$235.00

SEMICONDUCTOR DEVICES (TC 47)

[IEC 60749-17 Ed. 2.0 b:2019](#), Semiconductor devices - Mechanical and climatic test methods - Part 17: Neutron irradiation, \$47.00

TERMINOLOGY (TC 1)

[IEC 60050-171 Ed. 1.0 b:2019](#), International Electrotechnical Vocabulary (IEV) - Part 171: Digital technology - Fundamental concepts, \$375.00

IEC Technical Specifications

MARINE ENERGY - WAVE, TIDAL AND OTHER WATER CURRENT CONVERTERS (TC 114)

[IEC/TS 62600-1 Amd.1 Ed. 1.0 en:2019](#), Amendment 1 - Marine energy - Wave, tidal and other water current converters - Part 1: Terminology, \$12.00

[IEC/TS 62600-1 Ed. 1.1 en:2019](#), Marine energy - Wave, tidal and other water current converters - Part 1: Terminology, \$264.00

Registration of Organization Names in the United States

The Procedures for Registration of Organization Names in the United States of America (document ISSB 989) require that alphanumeric organization names be subject to a 90-day Public Review period prior to registration. For further information, please contact the Registration Coordinator at (212) 642-4975.

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

PUBLIC REVIEW

BDAP

Public Review: March 29, 2019 to June 29, 2019

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

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

Proposed Foreign Government Regulations

Call for Comment

U.S. manufacturers, exporters, regulatory agencies and standards developing organizations may be interested in proposed foreign technical regulations notified 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 notify proposed technical regulations that may significantly affect trade to the WTO Secretariat in Geneva, Switzerland. In turn, the Secretariat issues and makes available these notifications. The purpose of the notification requirement is to provide global trading partners with an opportunity to review and comment on the regulations before they become final.

The USA Inquiry Point for the WTO TBT Agreement is located at the National Institute of Standards and Technology (NIST) in the Standards Coordination Office (SCO). The Inquiry Point distributes the notified proposed foreign technical regulations (notifications) and makes the associated full-texts available to U.S. stakeholders via its online service, Notify U.S. Interested U.S. parties can register with Notify U.S. to receive e-mail alerts when notifications are added from countries and industry sectors of interest to them.

To register for Notify U.S., please visit <http://www.nist.gov/notifyus/>.

The USA WTO TBT Inquiry Point is the official channel for distributing U.S. comments to the network of WTO TBT Enquiry Points around the world. U.S. business contacts interested in commenting on the notifications are asked to review the comment guidance available on Notify U.S. at <https://tsapps.nist.gov/notifyus/data/guidance/guidance.cfm> prior to submitting comments.

For further information about the USA TBT Inquiry Point, please visit: <https://www.nist.gov/standardsgov/what-we-do/trade-regulatory-programs/usa-wto-tbt-inquiry-point>

Contact the USA TBT Inquiry Point at:(301) 975-2918; Fax: (301) 926-1559; E-mail: usatbtep@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 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 a 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

Application for Accreditation

Argentum

Comment Deadline: May 6, 2019

Argentum, a new ANSI member, has submitted an application for accreditation as an ANSI Accredited Standards Developer (ASD) and proposed operating procedures for documenting consensus on Argentum-sponsored American National Standards. Argentum's proposed scope of standards activity is as follows:

Argentum is a not-for-profit trade association dedicated to supporting companies operating professionally managed, resident-centered senior living communities and the older adults and families they serve. Argentum advocates for choice, independence, dignity, and quality of life for all older adults. As part of this mission, Argentum develops and publishes standards for senior living, including independent living, assisted living, memory care, and continuing care communities.

To obtain a copy of Argentum's application and proposed operating procedures or to offer comments, please contact: Mr. John M. Schulte, Vice-President, Quality Improvement, Argentum – Expanded Senior Living, 1650 King Street, 6th Floor, Alexandria, VA 22314; phone: 571.527.2623; e-mail: jschulte@argentum.org. Please submit any comments to Argentum by May 6, 2019, with a copy to the ExSC Recording Secretary in ANSI's New York Office (e-mail: Jthompson@ANSI.org). As the proposed procedures are available electronically, the public review period is 30 days. You may view or download a copy of Argentum's proposed operating procedures from ANSI Online during the public review period at the following URL: www.ansi.org/accredPR.

Approval of Reaccreditation

APCO International – The Association of Public Safety Communications Officials

ANSI's Executive Standards Council has approved the reaccreditation of APCO International – The Association of Public-Safety Communications Officials, an ANSI Member and Accredited Standards Developer, under its recently revised operating procedures for documenting consensus on APCO International-sponsored American National Standards, effective March 29, 2019. For additional information, please contact: Ms. Stacy Banker, RPL, ENP, Standards Program/ACS Manager, APCO International, 351 N. Williamson Boulevard, Daytona Beach, FL 32114; phone: 920.579.1153; e-mail: bankers@apcointl.org.

Reaccreditation

Institute of Inspection, Cleaning and Restoration Certification (IICRC)

Comment Deadline: May 6, 2019

The Institute of Inspection, Cleaning and Restoration Certification (IICRC), an ANSI member and Accredited Standards Developer (ASD), has submitted revisions to its currently accredited operating procedures for documenting consensus on IICRC-sponsored American National Standards, under which it was last reaccredited in 2015. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Ms. Mili Washington, Standards Director, IICRC, Global Resource Center, 4043 S. Eastern Avenue, Las Vegas, NV 89119; phone: 702.430.9829; e-mail: mwashington@iicrcnet.org. You may view/download a copy of the revisions during the public review period at the following URL: www.ansi.org/accredPR. Please submit any public comments on the revised procedures to IICRC by May 6, 2019, with a copy to the ExSC Recording Secretary in ANSI's New York Office (e-mail: Jthomps@ANSI.org).

Sustainable Electronics Recycling International (SERI)

Comment Deadline: May 6, 2019

Sustainable Electronics Recycling International (SERI), an ANSI member and Accredited Standards Developer (ASD), has submitted revisions to its currently accredited operating procedures for documenting consensus on SERI-sponsored American National Standards, under which it was last reaccredited in 2015. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Ms. Sharada Rao, Director of Quality, SERI, P.O. Box 19611, Boulder, CO 80308; phone: 248.891.2837; e-mail: sharada@sustainableelectronics.org. You may view/download a copy of the revisions during the public review period at the following URL: www.ansi.org/accredPR. Please submit any public comments on the revised procedures to SERI by May 6, 2019, with a copy to the ExSC Recording Secretary in ANSI's New York Office (e-mail: Jthomps@ANSI.org).

World Millwork Alliance (WMA)

Comment Deadline: May 6, 2019

The World Millwork Alliance (WMA), an ANSI member and Accredited Standards Developer (ASD), has submitted revisions to its currently accredited operating procedures for documenting consensus on WMA-sponsored American National Standards, under which it was last reaccredited in 2016. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Ms. Jessica Ferris, Director of Codes and Standards, World Millwork Alliance, 10047 Robert Trent Jones Parkway, New Port Richey, FL 34655; phone: 727.372.3665; e-mail: jferris@worldmillworkalliance.com. You may view/download a copy of the revisions during the public review period at the following URL: www.ansi.org/accredPR. Please submit any public comments on the revised procedures to WMA by May 6, 2019, with a copy to the ExSC Recording Secretary in ANSI's New York Office (e-mail: Jthomps@ANSI.org).

ANSI Accreditation Program for Greenhouse Gas Validation/Verification Bodies

Scope Extension

GHD Limited

Comment Deadline: May 5, 2019

In accordance with the following standard: ISO 14065:2013, Greenhouse gases – Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition

GHD Limited

Gordon Reusing
455 Phillip St.
Waterloo, ON N2L 3X2, Canada
Phone: 519-884-0510, ext. 2333
Email: Gordon.Reusing@ghd.com

On March 25, 2019, ANSI's Greenhouse Gas Validation/Verification Body Accreditation Committee granted scope extension to GHD Limited for the following:

Activity and Scopes:

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

3. Land Use and Forestry
4. Carbon Capture and Storage

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

4. Carbon Capture and Storage

Please send your comments by May 5, 2019 to Ann Howard, Director, Environmental Accreditation Programs, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: ahoward@ansi.org.

Stantec Consulting Ltd.

Comment Deadline: May 5, 2019

In accordance with the following standard: ISO 14065:2013, Greenhouse gases – Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition

Stantec Consulting Ltd.

Nicole Flanagan
845 Prospect Street
Fredericton E3B 2T7, Canada
Phone: (613) 738-6086
E-mail: Nicole.Flanagan@stantec.com

On March 25, 2019, ANSI's Greenhouse Gas Validation/Verification Body Accreditation Committee granted scope extension to Stantec Consulting Ltd. for the following:

Activity and Scopes:

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

5. Livestock
6. Waste Handling and Disposal

Please send your comments by May 5, 2019 to Ann Howard, Director, Environmental Accreditation Programs, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: ahoward@ansi.org.

International Organization for Standardization (ISO)

New Secretariats

ISO/TC 304 – Healthcare organization management

InGenesis, Inc. has requested ANSI to delegate the responsibilities of the administration of the ISO/TC 304 secretariat to InGenesis, Inc. The secretariat was previously held by the University of Texas Medical Branch (UTMB) and the secretariat transfer is supported by the U.S. TAG.

ISO/TC 304 operates under the following scope:

Standardization in the field of healthcare organization management including: classification, terminology, nomenclature, management practices and metrics that comprise the non-clinical operations in healthcare entities.

Organizations wishing to comment on the delegation of the responsibilities should contact ANSI's ISO Team (isot@ansi.org).

Meeting Notices

American Society of Safety Professionals

The American Society of Safety Professionals (ASSP) serves as the secretariat of the A10 Committee for Construction and Demolition Operations. The next meeting of the A10 Committee will be held on July 16, 2019 in Washington D.C. at the International Brotherhood of Electrical Workers (IBEW). The meeting will start at approximately 12:30 p.m. and go to conclusion. There will also be a Membership Subgroup Meeting held earlier that morning at 8:00 a.m. and a meeting of the liaisons and subgroup leadership teams that morning also at 9:30 a.m. We will have RSVP information out in the future but this is notice so you have adequate time for planning. If you should have interesting in attending, please contact Tim Fisher, Director, Standards Development and Technical Services, (847) 768-3411, tfisher@assp.org.

Information Concerning

International Organization for Standardization (ISO)

Call for U.S. TAG Administrators

TC 59 – Buildings and Civil Engineering Works

There is currently no ANSI-accredited U.S. TAG Administrator for TC 59, TC 59/SC 2, TC 59/SC 14, TC 59/SC 15, TC 59/SC 16, and TC 59/SC 18, and therefore ANSI is not a member of these committees.

The Secretariats for these committees are currently held by Norway (SN) for TC 59; the United Kingdom (BSI) for TC 59/SC 2 and TC59/SC 14; Japan (JISC) for TC 59/SC 15; Spain (UNE) for TC 59/SC 16; and South Africa (SABS) for TC 59/SC 18.

TC 59 operates under the following scope:

Standardization in the field of buildings and civil engineering works, of:

- *general terminology;*
- *organization of information in the processes of design, manufacture and construction;*
- *general geometric requirements for buildings, building elements and components including modular coordination and its basic principles, general rules for joints, tolerances and fits, performance and test standards for sealants;*
- *general rules for other performance requirements, including functional and user requirements related to service life, sustainability, accessibility and usability;*
- *general rules and guidelines for addressing the economic, environmental and social impacts and aspects related to sustainable development;*
- *geometric and performance requirements for components that are not in the scope of separate ISO technical committees;*
- *procurement processes, methods and procedures.*

TC 59/SC 2 operates under the following scope:

Terminology and harmonization of languages

TC 59/SC 14 operates under the following scope:

Design life

TC 59/SC 15 operates under the following scope:

Standardization in the field of buildings, focusing on performance description and requirements, user requirements, and the means to evaluate building and housing solutions, including, but not limited to:

- *Structural safety;*
- *Structural serviceability;*
- *Structural durability;*
- *Fire safety;*
- *Operating energy;*
- *Accessibility and usability;*
- *Sustainability;*

excluding the determination of values required for specific purposes.

TC 59/SC 16 operates under the following scope:

Accessibility and usability of the built environment

TC 59/SC 18 operates under the following scope:

Standardization of the conceptual framework and characteristics for procurement processes, methods and procedures for the construction, renovation, refurbishment, alteration, maintenance and demolition of construction works

including:

- *the flow of information from the business case through to the completion and feedback on the lessons learned;*
- *funding options, selection methods, pricing methods, and contracting methods;*
- *the role of the client in the delivery of projects; and*
- *control frameworks;*

excluding those relating to:

- *conditions of contracts;*
- *methods of measurement associated with a bill of quantities;*
- *project management, and*
- *logistics.*

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

BSR/AARST MAH-201x

Background on proposed (continuous maintenance) changes to Section 8.5.3 *Continuous radon monitors*

The following underlined text reflects improvements in clarity and consistency with other sections of AARST MAH "*Protocol for Conducting Measurements of Radon and Radon Decay Products in Homes*" that is maintained under continuous maintenance.

The section that begins with "Exceptions:" provided essential but incomplete messages. There are three junctures where hourly data must not be used when providing a final test result. While obvious to many, these were identified for clarity and rendered as requirements consistent with sections of MAH they apply to.

In addition, another MAH provision already covers retention of records that is stated differently. So to remove confusion, "for at least 1 year" is deleted.

8.5.3 *Continuous radon monitors*

Additional requirements when using and reporting continuous radon monitor test results include:

- a) hourly data shall either be included in the test report or made available to be provided to the client upon request ~~for at least 1 year~~;
- b) the calibration date of continuous monitor(s) shall be included on the test report; and
- c) removal of or "backing out" portions of hourly data imbedded within the contiguous sampling period reported (such as to account for weather or other conditions) shall invalidate the measurement.

~~Exceptions: For continuous monitors, the first 4 hours of data are to be discarded or incorporated into the result using system correction factors (EPA 402-R-92-004; EPA 1992); the first 12 or more hours may be discarded to account for closed building requirements in accordance with Section 6.1.2 and 7.3.2; and data after the contiguous period of interest may be discarded.~~

Exceptions:

1. The first 4 hours of data are to be discarded or incorporated into the result using system correction factors (EPA 402-R-92-004, EPA 1992);
2. The first 12 or more hours are to be discarded in reported results as required for meeting closed-building requirements in Sections **4**, **6.1.2** and **7.3.2**; and
3. The first 24 or more hours are to be discarded in reported results as required in Section 7.3.2 after activation of a mitigation system fan or completion of other mitigation efforts, for evaluation of post-mitigation effectiveness.



National Green Building Standard™

2020 UPDATE

2020 National Green Building Standard ANSI Standard Revision Process

Second Draft

Request for Public Comment

March 25, 2019

Errata

Language from the Comments on the Public Comment Draft, that were Approved or Approved As Modified by the Consensus Committee at their February 11-13, 2019 meeting, that was not fully incorporated into the Second Draft Standard is included in this Errata (shown in [Blue text](#)).

<p>901.12 Furniture and Furnishings. In a multifamily building, all furniture in common areas shall have VOC emission levels in accordance with ANSI/BIFMA e3-Furniture Sustainability Standard sections 7.6.1 and 7.6.2, tested in accordance with ANSI/BIFMA Standard Method M7.1 Emission levels are determined by a laboratory accredited to ISO/IEC 17025 and the ANSI/BIFMA Standard Method M7.1 is in its scope of accreditation. Furniture and Furnishings are certified by a third-party program accredited to ISO 17065, such as, but not limited to, those in Appendix D.</p>	2
<p>902.3.2 Radon testing. Radon testing is mandatory for Zone 1</p> <p>Exceptions: testing is not mandatory where the authority having jurisdiction has defined the radon zone as Zone 2 or 3.</p> <p>(1) Testing is not mandatory where the authority having jurisdiction has defined the radon zone as Zone 2 or 3.</p> <p>(2) Testing is not mandatory where the occupied space is located above an unenclosed open space.</p>	
<p>(1) Testing specifications. Testing is performance as specified in (a) through (j). Testing of a representative sample shall be permitted for multifamily buildings only.</p>	8
<p>11.902.3.2 Radon testing. Radon testing is mandatory for Zone 1</p> <p>Exceptions: testing is not mandatory where the authority having jurisdiction has defined the radon zone as Zone 2 or 3.</p> <p>(1) Testing is not mandatory where the authority having jurisdiction has defined the radon zone as Zone 2 or 3.</p> <p>(2) Testing is not mandatory where the occupied space is located above an unenclosed open space.</p>	
<p>(1) Testing specifications. Testing is performance as specified in (a) through (j). Testing of a representative sample shall be permitted for multifamily buildings only.</p>	8

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Revision to NSF/ANSI 7 – 2016
Issue 22, Revision 1 (March 2019)

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[Note – the recommended changes to the standard which include the current text of the relevant section(s) indicate deletions by use of ~~strikeout~~ and additions by **grey highlighting**. Rationale Statements are in *italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF International Standard/
American National Standard –

Commercial Refrigerators and Freezers

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2 Normative references

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~~IEEE/ASTM SI 10-2002, *Standard for the Use of the International System of Units (SI): The Modern Metric System*~~

IEEE/ASTM SI 10-2016, *American National Standard for Metric Practice*

Rationale: The reference for practicing Metric Units is out of date and this revision brings the Food Production Equipment Standards up to date.

BSR/UL 87A, Standard for Safety for Power-Operated Dispensing Devices for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85)

1. Revision to marking and instruction manual requirements

PROPOSAL

45.1.1 A dispensing device shall be marked with the following information:

- a) The manufacturer's or private labeler's name or identifying symbol and a distinctive catalog number or the equivalent;
- b) The electrical rating;
- c) For E85 rated dispensing devices, the wording "Use only the following:" and the brand names and specific model designations of permitted combinations of hose assemblies, breakaway couplings, swivel connectors, and hose nozzle valves to be used. For E25 rated dispensing devices, the wording "Use only E25 rated hanging hardware," or the equivalent. Marking shall be located where it will be seen by the responsible personnel when performing the intended assembly. For E40 rated dispensing devices, the wording "Use only E40 rated hanging hardware," or the equivalent. Marking shall be located where it will be seen by the responsible personnel when performing the intended assembly;
- d) The wording "For internal fluid confining components, replace only with identical parts." Marking shall be located where it will be seen by the responsible personnel when performing the intended assembly;
- e) The manufacturer's or private labeler's name or identifying symbol and distinctive catalog number or the equivalent of any specific auxiliary equipment that is required to be installed in conjunction with the device to provide intended operation;
- f) The electrical rating of a major or significant component part such as a motor, control valve, power reset, or other components which, when obscured by its location within a device, shall be reprinted in a visible location;
- g) The date or other dating period of manufacture not exceeding any three consecutive months. The date code shall not repeat in less than 20 years; and
- h) Dispensing devices shall be marked to indicate the fuel rating for which they are intended. The marking shall be "Gasoline" for dispensers rated for gasoline only, shall be "E25" for dispensers rated for gasoline and gasoline/ethanol blends with nominal ethanol concentrations up to 25 percent ethanol (E0 - E25), "E40" for dispensers rated for gasoline and gasoline/ethanol blends with nominal ethanol concentrations up to 40 percent ethanol (E0 - E40), or "E85" for dispensers rated for gasoline and gasoline/ethanol blends with nominal ethanol concentrations up to 85 percent ethanol (E0 - E85). This marking shall be prominently displayed to identify the dispenser.
- i) The statement "Instructions Available At _____" where the internet link to instructions is identified for compliance with 46.2(c)(ii).

46.2 The instructions mentioned in 46.1 shall be:

- a) In separate manuals or
- b) Combined in one or more manuals when the instructions pertaining to a risk of fire, electric shock, or injury to persons are separated in format and emphasized to distinguish them from the rest of the text; and
- c) Available in the following formats:
 - i) Hard/printed copy or
 - ii) Electronic files accessible via the manufacturer's website only (full public access with no user restrictions) if the internet link is identified in 45.1.1(i).

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BSR/UL 87B, Standard for Safety for Power-Operated Dispensing Devices for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil

1. Revision to marking and instruction manual requirements

PROPOSAL

43.1.1 A dispensing device shall be marked with the following information:

- a) The manufacturer's or private labeler's name or identifying symbol and a distinctive catalog number or the equivalent;
- b) The electrical rating;
- c) The wording "Use only hanging hardware with a fuel rating that is the same as or greater than that of the actual fuel being dispensed from this equipment," or the equivalent;
- d) The wording "Replace internal fluid confining components only with suitably rated parts," or the equivalent. Marking shall be located where it will be seen by the responsible personnel when performing the intended assembly;
- e) The manufacturer's name or identifying symbol and distinctive catalog number or the equivalent of any specific auxiliary equipment that is required to be installed in conjunction with the device to provide intended operation;
- f) The electrical rating of a major or significant component part such as a motor, control valve, power reset, or other components which, when obscured by its location within a device, shall be reprinted in a visible location;
- g) The date or other dating period of manufacture not exceeding any three consecutive months. The date code shall not repeat in less than 20 years; and
- h) Dispensing devices shall be marked to indicate the fuel rating for which they are intended. The marking shall be "Diesel Fuel" or "B5" for dispensers rated for diesel fuel only, shall be "B20" for dispensers rated for diesel fuel and diesel fuel/biodiesel blends with nominal biodiesel concentrations up to 20% biodiesel (B0 - B20), or "B99.9/B100" for dispensers rated for biodiesel fuel. This marking shall be prominently displayed to identify the dispenser.
- i) The statement "Instructions Available At _____" where the internet link to instructions is identified for compliance with 44.2(c)(ii).

44.2 The instructions mentioned in 44.1 shall be:

- a) In separate manuals or
- b) Combined in one or more manuals when the instructions pertaining to a risk of fire, electric shock, or injury to persons are separated in format and emphasized to distinguish them from the rest of the text. and

c) Available in the following formats:

i) Hard/printed copy or

ii) Electronic files accessible on manufacturer's internet site only (full public access with no user restrictions) if the internet link is identified in 43.1.1(i).

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BSR/UL 360, Standard for *Liquid-Tight Flexible Metal Conduit*,**1. Clarification as to Clause 16.10 to be consistent with Clause 16.1 regarding the number of flame applications****PROPOSAL**

16.10 If any specimen shows more than 25 percent of the indicator flag burned away or charred (soot that can be removed with a cloth or the fingers and brown scorching are to be ignored) after any of the ~~five~~ three applications of flame, the conduit is to be judged capable of conveying flame along its length. If any specimen emits flaming or glowing particles or flaming drops at any time that ignite the cotton on the burner, wedge, or floor of the enclosure (flameless charring of the cotton is to be ignored), the conduit is to be judged capable of conveying flame to combustible materials in its vicinity. If any specimen continues to flame longer than 60 seconds after any application of the gas flame, the conduit is to be judged capable of conveying flame to combustible materials in its vicinity.

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BSR/UL 498A, Standard for Safety for Current Taps and Adapters

1. Addition of new construction requirement for adapters for dryer and range outlets to accept 6-15P configuration

8.6 Adapters for dryer and range outlets

8.6.1 A device whose purpose is to adapt either a dryer receptacle having a 14-30R configuration or a range receptacle having a 14-50R configuration to mate with a grounding-type attachment plug having a 5-15P or 6-15P configuration shall be additionally provided with installation instructions or the smallest unit container of the device shall be marked that include the words, "CAUTION - Risk of fire or electric shock. Do not use with appliances that block access to the outlet for disconnection."

16 Adapters

16.5 A device whose purpose is to adapt a dryer receptacle having a 14-30R configuration to mate with a grounding-type attachment plug having a 5-15P or 6-15P configuration shall comply with all of the following:

- a) Conductively connect the blade that is marked G in the in the 14-30 configuration drawing in Wiring Devices - Dimensional Specifications, ANSI/NEMA WD6, to the outlet contact that is marked G in the 5-15 or 6-15 configuration drawing in ANSI/NEMA WD6;
- b) Conductively connect the blade that is marked W in the in the 14-30 configuration drawing in ANSI/NEMA WD6, to the outlet contact that is marked W in the 5-15 configuration drawing in ANSI/NEMA WD6;
- c) Provide fuse protection rated at no greater than 15 amperes to the each ungrounded outlet contact in the 5-15 or 6-15 configuration drawing in ANSI/NEMA WD6; and
- d) Be provided with installation instructions in accordance with 8.6.1.

BSR/UL 514D Standard for Cover Plates for Flush-Mounted Wiring Devices

1. Illuminating Cover Plates For Flush-Mounted Wiring Devices

PROPOSAL

B.3.5 Electrical connection to branch circuit shall comply with the following:

- a) Field wiring terminals, push-in connections or supply conductors - See B.2.4; or
- b) Plug blades to attach to an outlet box mounted receptacle. The blade portion of the device shall comply with the blade dimensions specified in Wiring Devices - Dimensional Specifications, ANSI/NEMA WD 6.

B.3.6 Constructions, including spring-biased contacts, that make electrical connection with the heads of wiring device wire binding screws are NOT permitted.

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BSR/UL 621, Standard for Safety for Ice Cream Makers

1. Electronic Media Instructions

70.2.1 With reference to 70.1, the instructions and warning statements required by 70.2.2 – 70.3 shall be provided as printed material. All other instructions may be provided in electronic read-only media format, such as DVD, website (accessible via URL, QR code, or similar means), flash drive or CD-ROM. If electronic media instructions are provided, the instructions and warning statements required by 70.2.2 – 70.3 shall also be included within the electronic media instructions.

70.2.2 The printed instruction material referenced in 70.2.1 shall contain detailed instructions of how to obtain a printed copy of the material contained in electronic format.

70.2.3 The instructions shall specify the minimum installation clearances to be maintained for ice cream makers that are intended for installation with other than zero inch clearances, and have been tested with the enclosure spaced from the ice cream maker in accordance with 43.5 – 43.7.

70.2.4 Additional instructions are specified in paragraphs 7.7, 7.8, 10.2.5, 43.9, and 67.21.

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BSR/UL 2703, Standard for Safety for Mounting Systems, Mounting Devices, Clamping/Retention Devices, and Ground Lugs for Use with Flat-Plate Photovoltaic Modules and Panels

1. Clarification of the Scope that Roof Attachments for Above Roof Mounting (Rack-mounted Style Installations) are not Covered by this Standard.

1.4 These requirements do not cover:

- a) Equipment intended to accept the electrical output from the array, such as power conditioning units (inverters) and batteries.
- b) Solar trackers or tracker mechanisms (except as specifically directed as to be utilized by the Outline of Investigation for Solar Trackers, UL 3703 and in combination with UL 3703).
- c) Cell assemblies intended to operate under concentrated sunlight.
- d) Optical concentrators.
- e) Combination photovoltaic-thermal modules or panels.
- f) Equipment intended to carry current as a normal function of that component, such as combiner boxes, connection boxes (other than connection box for grounding), wireways and enclosures housing live parts. See the Standard for Flat-Plate Photovoltaic Modules and Panels, UL 1703 or the Standard for Photovoltaic (PV) Module Safety Qualification - Part 1: Requirements For Construction, UL 61730-1, or the Standard for Inverters, Converters, Controllers and Interconnection System Equipment for Use With Distributed Energy Resources, UL 1741.
- g) Ground rods and ground rod accessories.
- h) The mechanical and structural requirements of the international building code. See (i).

Note: The IBC and other model codes may have additional requirements. As an example, compliance with the IBC will require development load combinations which include dead, snow, wind and seismic forces using ASCE 7. These loads will need to be applied in three orthogonal directions and the load resisting elements of the system will be required to adequately support the applied loads.

- i) Roof attachments for above roof mounting.

2.38A ROOF ATTACHMENT - The mechanical connection (e.g., fasteners, U-bolts, adhesives, etc.) between the mounting system or mounting device and the roof system.

2. Addition of a Reference to the Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products, ASTM A123, in the Exception to Clause 10.2.

10.2 Steel, iron or other non-inherently corrosion resistant materials which may be exposed to the weather shall be made corrosion-resistant by one of the following minimum coatings:

a) Hot-dipped mill-galvanized sheet steel conforming with the coating designation G90 in the Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot Dip Process, ASTM A653/A653M, or for equivalent ASTM 123, based on the minimum single spot-test requirement in this ASTM specification. The weight of zinc coating may be determined by any ~~acceptable~~ acceptable method; however, in case of question, the weight of coating shall be established in accordance with the Standard Test Method for Weight of Coating on Zinc-Coated (Galvanized) Iron or Steel Articles, ASTM A90-81 (1991).

Exception: For the posts that are to be driven into the ground, the coating designation of G210, minimum, according to ASTM A653/A653M or the equivalent in either the Standard Specification for Zinc Coating (Hot-Dip) on Iron and Steel Hardware, ASTM A153, or the Standard Specification for Zinc (Hot-Dip Galvanized) Coatings on Iron and Steel Products, ASTM A123, shall be utilized.

b) A zinc coating, other than that provided on hot-dipped mill-galvanized sheet steel, uniformly applied to an average thickness of not less than 0.61 mils (0.015 mm) on the surface with a minimum thickness of 0.54 mils (0.014 mm). The thickness of the coating shall be established by the Metallic Coating Thickness Test, Section 20. An annealed coating shall also comply with 10.5 and 10.6.

c) A cadmium coating not less than 1.0 mils (0.025 mm) thick on both surfaces. The thickness of the coating shall be established by the Metallic Coating Thickness Test, Section 20.

d) A zinc coating conforming with ~~40.4~~ 10.2(a) or ~~40.4~~ 10.2(b) with one or more coats of outdoor paint. The coating system shall comply with 10.3.

e) A cadmium coating not less than 0.00075 in (0.019 mm) thick on both surfaces with one coat of outdoor paint on both surfaces, or not less than 0.00051 in (0.013 mm) thick on both surfaces with two coats of outdoor paint on both surfaces. The thickness of the cadmium coating shall be established by the Metallic Coating Thickness Test, Section 20, and the coating system shall comply with 10.3.

f) An organic or inorganic protective coating system ~~shall demonstrate that it provides~~ providing protection at least equivalent to that provided by the zinc coating described in ~~40.4~~ 10.2(a). See Corrosive Atmosphere Tests, Section 19.

4. Update Fire Testing and Classification Requirements in Sections 11 and 15.

Table 15.1**Required tests for System Fire Class Rating of PV module or panel with mounting system in combination with roof coverings**

Test	Tests Over Representative Roof Coverings		
	Class A	Class B	Class C
Spread of Flame On Top Surface of Module or Panel (UL 1703, Section 31.1.2 or UL 61730-2, Section DVB.2) ^a	Flame Spread less than 6 ft (1.8 m) in 10 minutes	Flame spread less than 8 ft (2.4 m) in 10 minutes	Flame spread less than 13 ft (4.0 m) in 4 minutes
Spread of Flame at Roof and Module or Panel Interface Over Representative Steep Sloped Roof [15.2.1(a)] ^b	Pass	Pass	Pass
Spread of Flame at Roof and Module or Panel Interface Over Representative Low Sloped Roof [15.2.1(b)] ^b	Pass	Pass	Pass
Burning Brand on Surface Over Representative Steep Sloped Roof [15.3.1(a)] ^b	A Brand	B Brand	C Brand
Burning Brand Between Module or Panel and Representative Steep Sloped Roof [15.3.1(b)] ^b	Pass	Pass	Pass
<p>^a Requirement can be met by either with a type tested module (UL 1703, Section 16.4.1, or with paragraphs 10.17DV.4.2 of the Photovoltaic (PV) Module Safety Qualification - Part 2: Requirements for Testing, UL 61730-2) or by performing the test in UL 1703, Section 31.1.2, or UL 61730-2, Section DVB.2, on the top surface of a module or panel in the mounting system being qualified in 15. For non-type tested products, the product must pass two consecutive tests for each required test.</p> <p>^b <u>Two consecutive tests for After testing the required directions, the test which had the worst performance (as determined by the greatest burn distance) shall be repeated.</u> Each test must be passed unless not required by the terms of 15.1.3, Section 15.2 or Section 15.3. For the purpose of this standard, Steep and Low Sloped Roof are defined in 15.1.2.</p>			

5. Mechanical Loading Revisions.

6.4 Threaded fasteners without suitable clamp load are subject to loosening and/or fatigue failure, therefore, threaded fasteners used to secure clamping devices and other components shall be utilized at their recommended clamp load. For grounding and

bonding connections, screws shall not be sheet metal thread forming type screws. For structural/mechanical connections, screws shall be as allowed in the relevant sections of the locally adopted Building and/or Residential Codes. Threaded fasteners are to be of suitable tensile strength and corrosion resistance and are to be tightened to the recommended torque for the fastener type and size as stated by the mounting system manufacturer.

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