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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: September 4, 2016

NSF (NSF International)

Revision

BSR/NSF 14-201x (i78r1), Plastics piping system components and related materials (revision of ANSI/NSF 14-2015)

The physical, performance, and health effects requirements in this Standard apply to thermoplastic and thermoset plastic piping system components including, but not limited to, pipes, fittings, valves, joining materials, gaskets, and appurtenances.

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

Send comments (with copy to psa@ansi.org) to: Lauren Panoff, (734) 769-5197, lpanoff@nsf.org

NSF (NSF International)

Revision

BSR/NSF 50-201x (i91r2), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2014)

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

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

Send comments (with copy to psa@ansi.org) to: Lauren Panoff, (734) 769-5197, lpanoff@nsf.org

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 867-201X, Standard for Safety for Electrostatic Air Cleaners (Proposal dated 7-29-16) (revision of ANSI/UL 867-2013)

This proposal includes: (1) Addition of requirements for household appliances incorporating button or coin cell batteries, and (2) Addition of grounding symbol.

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

Send comments (with copy to psa@ansi.org) to: Ross Wilson, (919) 549-1511, Ross.Wilson@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 2129-201X, Standard for Safety for Halocarbon Clean Agent Fire Extinguishers (revision of ANSI/UL 2129-2014)

It is recognized that there is not one-size-fits-all quality values for halon replacements, therefore ASTM publishes a quality specification for each extinguishing agent. Revise UL standard to reference applicable ASTM quality specification or equivalent.

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

Send comments (with copy to psa@ansi.org) to: Mark Ramlochan, (613) 368-4422, Mark.Ramlochan@ul.com

Comment Deadline: September 12, 2016

ADA (American Dental Association)

New National Adoption

BSR/ADA Specification No. 32-201x, Orthodontic Wires (identical national adoption of ISO 15841:2014 and revision of ANSI/ADA Specification No. 32-2006 (R2010))

This standard specifies requirements and test methods for wires to be used in fixed and removable orthodontic appliances. It includes preformed orthodontic archwires but excludes springs and other preformed components. This standard gives detailed requirements concerning the presentation of the physical and mechanical properties of orthodontic wires, the test methods by which they can be determined, and packaging and labeling information.

Single copy price: \$88.00

Obtain an electronic copy from: standards@ada.org

Order from: Kathy Medic, (312) 440-2533, medick@ada.org

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

ANS (American Nuclear Society)

Reaffirmation

BSR/ANS 2.29-2008 (R201x), Probabilistic Seismic Hazard Analysis (reaffirmation of ANSI/ANS 2.29-2008)

This standard provides criteria and guidance for performing a probabilistic seismic hazard analysis for the design and construction of nuclear facilities.

Single copy price: \$138.00

Obtain an electronic copy from: scook@ans.org

Order from: Sue Cook, (708) 579-8210, orders@ans.org

Send comments (with copy to psa@ansi.org) to: Patricia Schroeder, ANS; pschroeder@ans.org

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

New Standard

BSR/ASSE A10.37-201X, Debris Net Systems Used during Construction and Demolition Operations (new standard)

This standard establishes safety requirements for the design, selection, installation, and use of debris net systems during construction, demolition operations and for the temporary containment of debris from deteriorating structures. (NOTE: This standard is a revision of the ANSI A10.37-1996 Standard. This standard was administratively withdrawn by ANSI during October of 2006, but was relaunched per consensus of the A10 ASC.)

Single copy price: \$50.00

Obtain an electronic copy from: TFisher@ASSE.Org

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

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

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

BSR/ASSE A10.6-2006 (R201x), Safety & Health Program Requirements for Demolition Operations (reaffirmation of ANSI/ASSE A10.6-2006)

This standard applies to the demolition of buildings and other structures. This standard is intended to be complete in itself, except that any device, equipment, and activity incidental to demolition operations shall be conducted, installed, inspected, maintained, and operated in accordance with the requirements in American National Standards for Safety in Construction and Demolition Operations A10 Series, other American National Standards listed in Section 2 and other appropriate standards. (NOTE: The original plan was to revise the standard, but the committee consensus is now to reaffirm and then launch the revision process again.)

Single copy price: \$50.00

Obtain an electronic copy from: TFisher@ASSE.Org

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

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

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

BSR/ASSE A10.12-1998 (R201x), Safety Requirements for Excavation (reaffirmation of ANSI/ASSE A10.12-1998 (R2010))

This standard applies to all open excavations made in the earth's surface that require worker and/or property protection. See Section 3, Requirements for Protection Systems. Excavations are defined to include trenches.

Single copy price: \$50.00

Obtain an electronic copy from: TFisher@ASSE.Org

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

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

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

BSR/ASSE A10.16-2009 (R201x), Safety Requirements for Tunnels, Shafts, and Caissons - Standard for Construction and Demolition Operations (reaffirmation of ANSI/ASSE A10.16-2009)

This standard establishes safety requirements pertaining to the construction of tunnels, shafts, and caissons. The requirements set forth in this standard cover environmental control; related facilities; fire prevention; hoisting; haulage; and electrical, drilling and blasting, and compressed air work. This standard is not intended for application to mining or quarrying operations.

Single copy price: \$50.00

Obtain an electronic copy from: TFisher@ASSE.Org

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

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

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

BSR/ASSE A10.19-2008 (R201x), Safety Requirements for Pile Installation and Extraction Operations (reaffirmation of ANSI/ASSE A10.19-2008)

This standard establishes safety requirements for the installation and extraction of piles during construction and demolition operations.

Single copy price: \$50.00

Obtain an electronic copy from: TFisher@ASSE.Org

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

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

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

BSR/ASSE A10.20-2006 (R201x), Safe Operating Practices for Tile, Terrazzo, and Marble Work (reaffirmation of ANSI/ASSE A10.20-2005 (R2011))

This standard establishes safety requirements for construction operations and equipment used in the handling and installation of ceramic tile, terrazzo, and marble. The types of construction are not listed. The standard is intended to apply to buildings of all kinds and to heavy construction, such as work in tunnels.

Single copy price: \$50.00

Obtain an electronic copy from: TFisher@ASSE.Org

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

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

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

BSR/ASSE A10.33-2011 (R201x), Safety and Health Program Requirements for Multi-Employer Program - Standard for Construction and Demolition Operations (reaffirmation of ANSI/ASSE A10.33-2011)

This standard sets forth the minimum elements and activities of a program that defines the duties and responsibilities of construction employers working on a construction project where multiple employers are or will be engaged in the common undertaking to complete a construction project.

Single copy price: \$50.00

Obtain an electronic copy from: TFisher@ASSE.Org

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

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

ASSE (ASC Z359) (American Society of Safety Engineers)**Revision**

BSR/ASSE Z359.2-201X, Minimum Requirements for a Comprehensive Managed Fall Protection Program (revision of ANSI/ASSE Z359.2-2007)

This standard establishes guidelines and requirements for an employer's managed fall protection program, including policies, duties, and training; fall protection procedures; eliminating and controlling fall hazards; rescue procedures; incident investigations; and evaluating program effectiveness.

Single copy price: \$100.00

Obtain an electronic copy from: TFisher@ASSE.Org

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

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

AWS (American Welding Society)***New Standard***

BSR/AWS B2.1-1-016-201x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E7018, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (new standard)

This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for plate and structural applications.

Single copy price: \$128.00

Obtain an electronic copy from: jrosario@aws.org

Order from: Jennifer Rosario, (800) 443-9353, jrosario@aws.org

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

AWS (American Welding Society)***New Standard***

BSR/AWS B2.1-1-021-201x, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, ER70S-2 and E7018, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (new standard)

This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual gas tungsten arc welding followed by shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for plate and structural applications.

Single copy price: \$128.00

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Order from: Jennifer Rosario, (800) 443-9353, jrosario@aws.org

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

AWS (American Welding Society)***Revision***

BSR/AWS B2.1-1-017-201x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E6010, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (revision of ANSI/AWS B2.1-1-017-2005)

This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for plate and structural applications.

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Order from: Jennifer Rosario, (800) 443-9353, jrosario@aws.org

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

AWS (American Welding Society)***Revision***

BSR/AWS B2.1-1-018-201x, Standard Welding Procedure Specification (SWPS) for Self-Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E71T-8, in the As-Welded Condition, Primarily Plate and Structural Applications (revision of ANSI/AWS B2.1-1-018-2005)

This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using semiautomatic self-shielded flux cored arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for plate and structural applications.

Single copy price: \$128.00

Obtain an electronic copy from: jrosario@aws.org

Order from: Jennifer Rosario, (800) 443-9353, jrosario@aws.org

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

AWS (American Welding Society)***Revision***

BSR/AWS B2.1-1-019-201x, Standard Welding Procedure Specification (SWPS) for CO₂ Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E70T-1C and E71 T-1C, in the As-Welded Condition, Primarily Plate and Structural Applications (revision of ANSI/AWS B2.1-1-019-2005)

This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using semiautomatic CO₂ shielded flux cored arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for plate and structural applications.

Single copy price: \$128.00

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Order from: Jennifer Rosario, (800) 443-9353, jrosario@aws.org

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

AWS (American Welding Society)***Revision***

BSR/AWS B2.1-1-020-201x, Standard Welding Procedure Specification (SWPS) for 75% Ar/25% CO₂ Shielded Flux Cored Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E70T-1M and E71T-1M, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (revision of ANSI/AWS B2.1-1-020-2005)

This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using semiautomatic Ar/CO₂ shielded flux-cored arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for plate and structural applications.

Single copy price: \$128.00

Obtain an electronic copy from: jrosario@aws.org

Order from: Jennifer Rosario, (800) 443-9353, jrosario@aws.org

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

AWS (American Welding Society)**Revision**

BSR/AWS B2.1-1-022-201x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E6010 (Vertical Uphill) Followed by E7018, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (revision of ANSI/AWS B2.1-1-022-2005)

This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for plate and structural applications.

Single copy price: \$128.00

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Order from: Jennifer Rosario, (800) 443-9353, jrosario@aws.org

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

AWS (American Welding Society)**Revision**

BSR/AWS B2.1-1-026-201x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E6010 (Vertical Downhill) Followed by E7018, in the As-Welded or PWHT Condition, Primarily Plate and Structural Applications (revision of ANSI/AWS B2.1-1-026-2005)

This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for plate and structural applications.

Single copy price: \$128.00

Obtain an electronic copy from: jrosario@aws.org

Order from: Jennifer Rosario, (800) 443-9353, jrosario@aws.org

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

AWS (American Welding Society)**Revision**

BSR/AWS B2.1-8-023-201x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Austenitic Stainless Steel (M-8/P-8 Group 1) 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, in the As-Welded Condition, Primarily Plate and Structural Applications (revision of ANSI/AWS B2.1-8-023-2005)

This standard contains the essential welding variables for austenitic stainless steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for plate and structural applications

Single copy price: \$128.00

Obtain an electronic copy from: jrosario@aws.org

Order from: Jennifer Rosario, (800) 443-9353, jrosario@aws.org

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

AWS (American Welding Society)**Revision**

BSR/AWS C3.2M/C3.2-201X, Standard Method For Evaluating the Strength of Braze Joints (revision of ANSI/AWS C3.2M/C3.2-2008)

This standard describes the test methods used to obtain braze strength data of the short-time testing of single-lap joints in shear, butt-tension, stress-rupture, creep-strength, four-point-bending, and ceramic-tensile-button specimens. Specimen preparation methods, brazing procedures, testing techniques, and methods for data analysis are detailed. Sample forms for recording data are presented. A graphical method of data presentation relates shear stress to overlap distance.

Single copy price: \$34.00

Obtain an electronic copy from: jdouglass@aws.org

Order from: John Douglass, (800) 443-9353, jdouglass@aws.org

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

AWWA (American Water Works Association)**Revision**

BSR/AWWA C111/A21.11-201x, Rubber-Gasket Joints for Ductile Iron Pressure Pipe and Fittings (revision of ANSI/AWWA C111/A21.11-2012)

This standard describes rubber-gasket joints of the following types for ductile-iron pressure pipe and ductile-iron and gray-iron fittings, valves, hydrants, and other appurtenances for potable water, raw water, non-aggressive wastewater and reclaimed water supply service.

Single copy price: \$20.00

Obtain an electronic copy from: vdauid@awwa.org

Order from: Paul Olson, (303) 347-6178, polson@awwa.org; vdauid@awwa.org

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

CTA (Consumer Technology Association)**New Standard**

BSR/CTA 2056-201x, Physical Activity Monitoring for Fitness Wearables - Step Counting (new standard)

This standard creates definitions and performance criteria for measuring step counting on consumer wearable or app-based physical activity monitoring devices.

Single copy price: \$55.00

Obtain an electronic copy from: standards@cta.tech

Order from: Veronica Lancaster, (703) 907-7697, vlancaster@cta.tech

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

HL7 (Health Level Seven)**Revision**

BSR/HL7 V3 RBAC, R3-201x, HL7 Version 3 Standard: Healthcare (Security and Privacy) Access Control Catalog, Release 3 (revision and redesignation of ANSI/HL7 V3 RBAC, R2-2010)

The Security WG would like to take the opportunity to add additional access control data to further extend elements of the current normative Role-based Access Control Permission Catalog standard. The new Healthcare Security and Privacy Access Control document will include Attribute-based Access Control (ABAC) and Relationship Access Control (ReBAC). With these substantive additions, the Security WG voted not to proceed with the reaffirmation of the current HL7 RBAC Permission Catalog and proceed with a new ballot document.

Single copy price: Free to members; free to non-members 90 days following ANSI approval and publication by HL7

Obtain an electronic copy from: Karenvan@HL7.org

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

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

MHI (Material Handling Industry)**New Standard**

BSR MH24.2-200x, Power-Operated Vertical Carousels and Vertical Lift Modules (new standard)

This proposed Standard applies to power-operated storage equipment typically referred to as vertical storage carousels and vertical lift modules. The objective of this standard is to provide guidance to the user so they may eliminate or minimize the hazards described within Section 4 of the proposed standard. These hazards can arise during installation, start-up, operation, maintenance, testing, and dismantling of the equipment.

Single copy price: \$10.00

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

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

NEMA (ASC C8) (National Electrical Manufacturers Association)**Revision**

BSR ICEA S-85-625-201x, Telecommunications Cable Aircore, Polyolefin Insulated, Copper Conductor Technical Requirements (revision of ANSI ICEA S-85-625-2010)

This Standard covers mechanical and electrical requirements for aircore, polyolefin insulated, copper conductor telecommunications cable. It provides alternative choices for type of insulation, core assembly, color code, sheath design (shielding materials, single or double jackets, and jacket thickness), and screened or non-screened core.

Single copy price: \$167.00

Order from: Kevin Connelly, (703) 841-3299, Kevin.Connelly@Nema.org

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

RESNET (Residential Energy Services Network, Inc.)**Addenda**

BSR/RESNET/ICC 301-2014 Addendum D-201x, Testing Airtightness of Building Enclosures, Airtightness of Heating and Cooling Air Distribution Systems, and Airflow of Mechanical Ventilation Systems: Reference Standard ANSI/RESNET/ICC 380-2016 (addenda to ANSI/RESNET 301-2014)

Revise Standard ANSI/RESNET/ICC 301-2014 to replace references to RESNET Mortgage Industry National Home Energy Rating Standards, Chapter 8 sections with references to Standard ANSI/RESNET/ICC 380-2016 for like requirements.

Single copy price: \$55.00

Obtain an electronic copy from: Electronic copy can be downloaded from the RESNET website at <http://www.resnet.us/professional/standards/consensus>

Order from: Rick Dixon, Standards Manager, RESNET, P.O. Box 4561, Oceanside, CA 92052

Send comments (with copy to psa@ansi.org) to: Comments are submitted via RESNET's online comment form. See the links from webpage: <http://www.resnet.us/professional/standards/consensus>

TIA (Telecommunications Industry Association)**Revision**

BSR/TIA 1183-A-201x, Measurement Methods and Test Fixtures for Balun-less Measurements of Balanced Components and Systems (revision and redesignation of ANSI/TIA 1183-2012)

This Standard will supersede ANSI/TIA 1183 and its addendum 1183-1. It is intended to incorporate and revise as necessary the content of those Standards.

Single copy price: \$146.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: TIA

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

UL (Underwriters Laboratories, Inc.)**Reaffirmation**

BSR/UL 1563-2012 (R201x), Standard for Safety for Electric Spas, Equipment Assemblies, and Associated Equipment (reaffirmation of ANSI/UL 1563-2012)

These requirements apply to self-contained spas. They also apply to field-installed equipment assemblies, blowers, and controls for use with field-installed hot tubs, swimming pools, and non-self-contained spas. These products are for household or commercial use, indoors, outdoors, or both. All equipment is intended for installation and use in accordance with Article 680 of the National Electrical Code, NFPA 70. These requirements also apply to field-installed accessories that have been investigated with the basic product.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

UL (Underwriters Laboratories, Inc.)**Reaffirmation**

BSR/UL 1863-2012 (R201x), Standard for Safety for Communications - Circuit Accessories (reaffirmation of ANSI/UL 1863-2004 (R2012))

These requirements cover telecommunications-circuit accessories, such as jack and plug assemblies, quick-connect terminal assemblies, telephone wall plates, telephone extension cords, cross-connect terminal-block assemblies, maintenance terminal modules, terminal enclosures, cable-splice enclosures, network-interface devices, wire-guide assemblies, and connector boxes. These devices are intended to be used in telecommunications networks that have an operating root-mean-square (rms) voltage to ground less than 150 volts and installed or used in accordance with the National Electrical Code, ANSI/NFPA 70.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

UL (Underwriters Laboratories, Inc.)**Revision**

BSR/UL 1082-201X, Standard for Safety for Household Electric Coffee Makers and Brewing-Type Appliances (Proposals dated 7/29/16) (revision of ANSI/UL 1082-2015)

(1) Addition of transient voltage testing; (2) Proposed changes to the hospitality-use supplement, supplement SB; (3) Addition of Insertion/Withdrawal Test for Electric Kettles, New Section 51A.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

Comment Deadline: September 27, 2016**ASME (American Society of Mechanical Engineers)****Reaffirmation**

BSR/ASME B5.8-2001 (R201x), Chucks and Chuck Jaws (reaffirmation of ANSI/ASME B5.8-2001 (R2011))

This Standard applies to chucks for use on engine lathes, tool room lathes, turret lathes, and automatic lathes and fit American Standard Spindle Noses of ANSI B5.9-1967. They may be used on other applications for which they are suitable (see pages 4 and 5 of ANSI-B5.9-1967). It is within the scope of this Standard to establish: (a) duty classes; (b) standard chuck diameters; (c) top jaw interchangeability; (d) mounting interchangeability (USA-Standard Spindle Noses); (e) draw-bar interchangeability for power chucks; (f) identification code for body, master jaws, top jaws dimensions, where interchangeability of chucks may be involved; and (g) nomenclature.

Single copy price: \$50.00

For Reaffirmations and Withdrawn standards, please view our catalog at <http://www.asme.org/kb/standards>

Send comments (with copy to psa@ansi.org) to: Donnie Alonzo, (212) 591-7004, dalonzo@asme.org

ASME (American Society of Mechanical Engineers)**Reaffirmation**

BSR/ASME B18.6.1-1981 (R201x), Wood Screws (Inch Series) (reaffirmation of ANSI/ASME B18.6.1-1981 (R2008))

This standard covers the complete general and dimensional data for the various types of dotted and recessed head wood screws recognized as "American National Standard." Also included are appendices that provide specifications and instructions for penetration gaging and wobble gaging of recessed head screws; documentation for screw-head types relegated to non-preferred status; and formulas on which dimensional data are based. It shall be understood, however, that where questions arise concerning acceptance of product, the dimensions given in the tables shall govern over recalculation by formula.

Single copy price: \$35.00

For Reaffirmations and Withdrawn standards, please view our catalog at <http://www.asme.org/kb/standards>

Send comments (with copy to psa@ansi.org) to: Angel Guzman, (212) 591-8018, guzman@asme.org

ASME (American Society of Mechanical Engineers)**Reaffirmation**

BSR/ASME B29.22-2001 (R201X), Drop Forged Rivetless Chains, Sprockets Teeth Drive Chain/Drive Dogs (reaffirmation of ANSI/ASME B29.22-2001 (R2009))

This Standard covers chains made from drop-forged steel parts that are heat-treated and are proportioned for high strength and comparative light weight. These chains' simple design permits assembly or dismantling by hand; these chains are available in three general types - Regular drop-forged rivetless chain, X-type chain, and Modified X-type rivetless chain - as illustrated and described in this Standard. Numerous attachments are available to suit a wide variety of applications.

Single copy price: \$39.00

For Reaffirmations and Withdrawn standards, please view our catalog at <http://www.asme.org/kb/standards>

Send comments (with copy to psa@ansi.org) to: Remington Richmond, (212) 591-8404, richmond@asme.org

ASME (American Society of Mechanical Engineers)**Reaffirmation**

BSR/ASME B29.24M-2002 (R201x), Roller Load Chains for Overhead Hoists (reaffirmation of ANSI/ASME B29.24M-2002 (R2009))

This Standard covers specialized roller chains that are designed specifically as load chains for use in overhead hoists.

Single copy price: \$42.00

For Reaffirmations and Withdrawn standards, please view our catalog at <http://www.asme.org/kb/standards>

Send comments (with copy to psa@ansi.org) to: Remington Richmond, (212) 591-8404, richmond@asme.org

Technical Reports Registered with ANSI

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

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

ARMA (ARMA International)

ARMA International TR 22-2016, Glossary of Records and Information Management Terms, 5th Edition (TECHNICAL REPORT) (technical report)

With this revision, content has been updated, as appropriate. Many terms from numerous disciplines having an impact on records and information management have been included. Technical terms from archival or library science concepts and for specific technologies have been excluded.

Single copy price: \$TBD

Order from: ARMA International Online Bookstore at <http://www.arma.org/go/prod/V5032>

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

Correction

Approval Dates

ANSI/NSF 50

Two parts of ANSI/NSF 50 were listed in Standards Action with errors in their approval information. The errors were as follows:

ANSI/NSF 50 (i98r1) - ANSI approved the standard on March 8, 2016, but was listed as administratively approved in the March 18, 2016 issue of Standards Action.

ANSI/NSF 50 (i92r1) - ANSI listed the approval date as January 27, 2016, but the actual approval date is March 8, 2016.

The records for these standards have been updated.

Call for Members (ANS Consensus Bodies)

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

AAMI (Association for the Advancement of Medical Instrumentation)

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

Contact: *Colleen Elliott*

Phone: (703) 253-8261

Fax: (703) 276-0793

E-mail: celliott@aami.org

BSR/AAMI CN27-201x, General requirements for small-bore connector actuated valves incorporated into medical devices (new standard)

BSR/AAMI EQ94-201x, Healthcare technology acquisition (new standard)

ASA (ASC S12) (Acoustical Society of America)

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

Contact: *Neil Stremmel*

Phone: (631) 390-0215

Fax: (631) 923-2875

E-mail: nstremmel@acousticalsociety.org

BSR ASA S12.60-201x/Part 4, Acoustical Performance Criteria, Design Requirements, and Guidelines for Schools, Part 4: Physical Education Settings (new standard)

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

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

Contact: *Tim Fisher*

Phone: (847) 768-3411

Fax: (847) 296-9221

E-mail: TFisher@ASSE.org

BSR/ASSE A10.6-2006 (R201x), Safety & Health Program Requirements for Demolition Operations (reaffirmation of ANSI/ASSE A10.6-2006)

Obtain an electronic copy from: Tim Fisher

BSR/ASSE A10.12-1998 (R201x), Safety Requirements for Excavation (reaffirmation of ANSI ASSE A10.12-1998 (R2010))

Obtain an electronic copy from: Tim Fisher

BSR/ASSE A10.16-2009 (R201x), Safety Requirements for Tunnels, Shafts, and Caissons Standard for Construction and Demolition Operations (reaffirmation of ANSI/ASSE A10.16-2009)

Obtain an electronic copy from: Tim Fisher

BSR/ASSE A10.19-2008 (R201x), Safety Requirements for Pile Installation and Extraction Operations (reaffirmation of ANSI/ASSE A10.19-2008)

Obtain an electronic copy from: Tim Fisher

BSR/ASSE A10.20-2006 (R201x), Safe Operating Practices for Tile, Terrazzo, and Marble Work (reaffirmation of ANSI/ASSE A10.20-2005 (R2011))

Obtain an electronic copy from: Tim Fisher

BSR/ASSE A10.33-2011 (R201x), Safety and Health Program Requirements for Multi-Employer Program - Standard for Construction and Demolition Operations (reaffirmation of ANSI ASSE A10.33-2011)

Obtain an electronic copy from: Tim Fisher

BSR/ASSE A10.37-201X, Debris Net Systems Used during Construction and Demolition Operations (new standard)

Obtain an electronic copy from: Tim Fisher

ASSE (ASC Z359) (American Society of Safety Engineers)

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

Contact: *Tim Fisher*

Phone: (847) 768-3411

Fax: (847) 296-9221

E-mail: TFisher@ASSE.org

BSR/ASSE Z359.2-201X, Minimum Requirements for a Comprehensive Managed Fall Protection Program (revision of ANSI ASSE Z359.2 -2007)

Obtain an electronic copy from: Tim Fisher

CTA (Consumer Technology Association)

Office: 1919 South Eads Street
Arlington, VA 22202

Contact: *Veronica Lancaster*

Phone: (703) 907-7697

Fax: (703) 907-4197

E-mail: vllancaster@cta.tech

BSR/CTA-2065-201x, Physical Activity Monitoring for Heart Rate and Related Measures (new standard)

BSR/CTA 2056-201x, Physical Activity Monitoring for Fitness Wearables - Step Counting (new standard)

Obtain an electronic copy from: standards@cta.tech

ISA (International Society of Automation)

Office: 67 Alexander Drive
Research Triangle Park, NC 27709

Contact: Charles Robinson

Phone: (919) 990-9213

Fax: (919) 549-8288

E-mail: crobinson@isa.org

BSR/ISA 84.91.03-201x, Functional Safety: Safety Controls, Alarms,
and Interlocks for the Process Sector (new standard)

NSF (NSF International)

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

Contact: Lauren Panoff

Phone: (734) 769-5197

E-mail: lpanoff@nsf.org

BSR/NSF 50-201x (i91r2), Equipment for Swimming Pools, Spas, Hot
Tubs and Other Recreational Water Facilities (revision of ANSI/NSF
50-2014)

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

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

Contact: Sue Baker

Phone: (703) 803-2980

Fax: (703) 803-3732

E-mail: sbaker@smacna.org

BSR/SMACNA 011-201x, Thermoset FRP Duct Construction Manual
(new standard)

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Peachtree Corners, GA 30092

Contact: Laurence Womack

Phone: (770) 209-7276

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 834 om-201x, Determination of containerboard roll
hardness (revision of ANSI/TAPPI T 834 om-2012)

TIA (Telecommunications Industry Association)

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

Contact: Teesha Jenkins

Phone: (703) 907-7706

Fax: (703) 907-7727

E-mail: standards@tiaonline.org

BSR/TIA 1183-A-201x, Measurement Methods and Test Fixtures for
Balun-less Measurements of Balanced Components and Systems
(revision and redesignation of ANSI/TIA 1183-2012)

Obtain an electronic copy from: TIA

Call for Members (ANS Consensus Bodies)

Call for Committee Members

ASC O1

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.

ABYC (American Boat and Yacht Council)

Revision

- * ANSI/ABYC H-26-2016, Powering of Boats (revision of ANSI/ABYC H-26-2011): 7/13/2016

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

Revision

- ANSI/AHRI Standard 350-2015, Sound Rating of Non-Ducted Indoor Air-Conditioning Equipment (revision of ANSI/AHRI Standard 350-2009): 7/15/2016

AISC (American Institute of Steel Construction)

Revision

- ANSI/AISC 341-2016, Seismic Provisions for Structural Steel Buildings (revision of ANSI/AISC 341-2010): 7/12/2016

ANS (American Nuclear Society)

New Standard

- ANSI/ANS 2.2-2016, Earthquake Instrumentation Criteria for Nuclear Power Plants (new standard): 7/14/2016

ASA (ASC S1) (Acoustical Society of America)

New National Adoption

- ANSI/ASA S1.11-2016/Part 3/IEC 61260-3:2016, Electroacoustics - Octave-Band and Fractional-Octave Band Filters - Part 3: Periodic Tests (identical national adoption of IEC 61260-3:2016): 7/19/2016
- ANSI/ASA S1.11-2016/Part 2 / IEC 61260-2:2016, Electroacoustics - Octave-Band and Fractional-Octave-Band Filters - Part 2: Pattern-Evaluation Tests (identical national adoption of IEC 61260-2:2016): 7/19/2016

ASA (ASC S12) (Acoustical Society of America)

New Standard

- ANSI/ASA S12.70-2016, Criteria for Evaluating Speech Privacy in Health Care Facilities (new standard): 7/19/2016

Reaffirmation

- ANSI/ASA S12.57-2011/ISO 3747-2010 (R2016), Acoustics - Determination of sound power levels and sound energy levels of noise sources using sound pressure - Engineering/survey methods for use in situ in a reverberant environment (reaffirmation of ANSI/ASA S12.57-2011/ISO 3747-2010): 7/19/2016

ASABE (American Society of Agricultural and Biological Engineers)

New National Adoption

- ANSI/ASABE AD4254-12-JUL2016, Agricultural machinery - Safety - Part 12: Rotary disc and drum mowers and flail mowers (identical national adoption of ISO 4254-12:2012): 7/13/2016

ASB (ASC Z50) (American Society of Baking)

Reaffirmation

- ANSI/ASB Z50.1-2006 (R2016), Bakery Equipment - Safety Standards (reaffirmation of ANSI ASB Z50.1-2006 (R2011)): 7/14/2016

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

Addenda

- ANSI/ASHRAE 15b-2016, Safety Standard for Refrigeration Systems (addenda to ANSI/ASHRAE Standard 15-2013): 6/30/2016
- ANSI/ASHRAE 34ad-2016, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013): 6/30/2016
- ANSI/ASHRAE 34af-2016, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013): 6/30/2016
- ANSI/ASHRAE 34ag-2016, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013): 6/30/2016
- ANSI/ASHRAE 34ah-2016, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013): 6/30/2016
- ANSI/ASHRAE 34ai-2016, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013): 6/30/2016
- ANSI/ASHRAE 34y-2016, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013): 6/30/2016
- ANSI/ASHRAE 34z-2016, Designation and Safety Classification of Refrigerants (addenda to ANSI/ASHRAE Standard 34-2013): 6/30/2016
- ANSI/ASHRAE 62.2k-2016, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2013): 6/30/2016
- ANSI/ASHRAE 62.2q-2016, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2013): 6/30/2016
- ANSI/ASHRAE 145.2d-2016, Laboratory Test Methods for Assessing the Performance of Gas-Phase Air Cleaning Systems: Air Cleaning Devices (addenda to ANSI/ASHRAE Standard 145.2-2011): 7/1/2016
- ANSI/ASHRAE/IES 90.1ds-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IES Standard 90.1-2013): 6/30/2016
- ANSI/ASHRAE/IES 90.1dv-2016, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2013): 6/30/2016
- ANSI/ASHRAE/USGBC/IES 189.1f-2016, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014): 6/30/2016

Revision

ANSI/ASHRAE/SMACNA Standard 126-2016, Method of Testing HVAC Air Ducts (revision of ANSI/ASHRAE/SMACNA Standard 126-2008): 7/1/2016

ASME (American Society of Mechanical Engineers)**Reaffirmation**

ANSI/ASME A112.19.5-2011/CSA B45.15-11 (R2016), Flush Valves and Spuds for Water Closets, Urinals, and Tanks (reaffirmation of ANSI/ASME A112.19.5/CSA B45.15-2011): 7/14/2016

ANSI/ASME V&V 10-2006 (R2016), Guide for Verification and Validation in Computational Solid Mechanics (reaffirmation of ANSI/ASME V&V 10-2006): 7/19/2016

Revision

ANSI/ASME B30.18-2016, Stacker Cranes (Top or Under Running Bridge, Multiple Girder with Top or Under Running Trolley Hoist) (revision of ANSI/ASME B30.18-2011): 7/8/2016

ASTM (ASTM International)**Revision**

ANSI/ASTM D1655-2016, Specification for Aviation Turbine Fuels (revision of ANSI/ASTM D1655-2015): 6/21/2016

ANSI/ASTM D2859-2016, Test Method for Ignition Characteristics of Finished Textile Floor Covering Materials (revision of ANSI/ASTM D2859-2015): 6/21/2016

ANSI/ASTM D3244-2016, Practice for Utilization of Test Data to Determine Conformance with Specifications (revision of ANSI/ASTM D3244-2012a): 6/21/2016

ANSI/ASTM D4171-2016, Specification for Fuel System Icing Inhibitors (revision of ANSI/ASTM D4171-2011): 6/21/2016

ANSI/ASTM D4477-2016, Specification for Rigid (Unplasticized) Poly (Vinyl Chloride) (PVC) Soffit (revision of ANSI/ASTM D4477-2009): 6/28/2016

ANSI/ASTM D6708-2016b, 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 D6708-2016): 6/21/2016

ANSI/ASTM D6777-2016, Test Method for Relative Rigidity of Poly (Vinyl Chloride)(PVC) Siding (revision of ANSI/ASTM D6777-2002 (R2010)): 6/28/2016

ANSI/ASTM D7566-2016a, Specification for Aviation Turbine Fuel Containing Synthesized Hydrocarbons (revision of ANSI/ASTM D7566-2015b): 6/21/2016

ANSI/ASTM D7719-2016, Specification for High Aromatic Content Unleaded Hydrocarbon Aviation Gasoline (revision of ANSI/ASTM D7719-2015A): 6/21/2016

ANSI/ASTM E8-2016, Test Methods for Tension Testing of Metallic Materials (revision of ANSI/ASTM E8-2015a): 7/15/2016

ANSI/ASTM E23-2016b, Test Methods for Notched Bar Impact Testing of Metallic Materials (revision of ANSI/ASTM E23-2016a): 6/21/2016

ANSI/ASTM E84-2016, Test Method for Surface Burning Characteristics of Building Materials (revision of ANSI/ASTM E84-2015a): 7/1/2016

ANSI/ASTM E119-2016a, Test Methods for Fire Tests of Building Construction and Materials (revision of ANSI/ASTM E119-2015): 7/1/2016

ANSI/ASTM E1776-2016, Guide for Development of Fire-Risk-Assessment Standards (revision of ANSI/ASTM E1776-2013): 6/21/2016

ANSI/ASTM E2599-2016, Practice for Specimen Preparation and Mounting of Reflective Insulation, Radiant Barrier and Vinyl Stretch Ceiling Materials for Building Applications to Assess Surface Burning Characteristics (revision of ANSI/ASTM E2599-2015): 7/1/2016

ANSI/ASTM E3020-2016, Practice for Ignition Sources (revision of ANSI/ASTM E3020-2015): 6/21/2016

ANSI/ASTM F355-2016, Test Method for Impact Attenuation of Playing Surface Systems and Materials (revision of ANSI/ASTM F355-2010a): 7/1/2016

ANSI/ASTM F963-2016, Consumer Safety Specification for Toy Safety (revision of ANSI/ASTM F963-2011): 7/1/2016

ANSI/ASTM F2143-2016, Test Method for Performance of Refrigerated Buffet and Preparation Tables (revision of ANSI/ASTM F2143-2004 (R2010)): 6/28/2016

ANSI/ASTM F2508-2016, Practice for Validation, Calibration, and Certification of Walkway Tribometers Using Reference Surfaces (revision of ANSI/ASTM F2508-2015): 7/1/2016

NEMA (ASC C78) (National Electrical Manufacturers Association)**Stabilized Maintenance**

ANSI C78.381-1961 (S2016), Standard for Electric Lamps: Method for the Designation of Glow Lamps (stabilized maintenance of ANSI C78.381-1961 (R2011)): 7/12/2016

NEMA (ASC C82) (National Electrical Manufacturers Association)**Reaffirmation**

ANSI C82.2-2002 (R2016), Standard for Lamp Ballasts - Method of Measurement of Fluorescent Lamp Ballasts (reaffirmation of ANSI C82.2-2002 (R2007)): 7/12/2016

Revision

ANSI C82.9-2016, Lamp Ballasts - High-Intensity Discharge and Low-Pressure Sodium Lamps - Definitions (revision and redesignation of ANSI ANSLG C82.9-2010): 7/12/2016

Withdrawal

* ANSI C82.12-1999 (R2010), Standard for Lamp Ballasts - Fluorescent Adapters (withdrawal of ANSI C82.12-1999 (R2010)): 7/12/2016

NIST/ITL (National Institute of Standards and Technology/Information Technology Laboratory)**Revision**

ANSI/NIST-ITL 1-2011 Update:2015, Data Format for the Interchange of Fingerprint, Facial & Other Biometric Information (revision, redesignation and consolidation of ANSI/NIST-ITL 1-2011 Update:2013): 7/14/2016

NSF (NSF International)**Revision**

* ANSI/NSF 7-2016 (i15r1), Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2014): 7/7/2016

* ANSI/NSF 14-2016 (i72r1), Plastics piping system components and related materials (revision of ANSI/NSF 14-2015): 7/1/2016

- * ANSI/NSF 14-2016 (i73r1), Plastics piping system components and related materials (revision of ANSI/NSF 14-2015): 7/12/2016
- * ANSI/NSF 50-2016 (i99r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2013): 7/7/2016
- * ANSI/NSF 50-2016 (i114r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2015): 7/7/2016

UL (Underwriters Laboratories, Inc.)

New Standard

ANSI/UL 2518-2016, Standard for Safety for Air Dispersion Systems (new standard): 7/12/2016

Reaffirmation

- * ANSI/UL 1567-2012 (R2016), Receptacles and Switches Intended for Use with Aluminum Wire (reaffirmation of ANSI/UL 1567-2012): 7/15/2016
- * ANSI/UL 1574-2012 (R2016), Standard for Safety for Track Lighting Systems (reaffirmation of ANSI/UL 1574-2012): 7/12/2016
- ANSI/UL 1681-2012 (R2016), Wiring Device Configurations (reaffirmation of ANSI/UL 1681-2012): 7/15/2016
- ANSI/UL 60950-21-2007 (R2016), Standard for Safety for Information Technology Equipment - Safety - Part 21: Remote Power Feeding (reaffirmation of ANSI/UL 60950-21-2007 (R2012)): 7/8/2016
- ANSI/UL 60950-23-2007 (R2016), Standard for Safety for Information Technology Equipment - Safety - Part 23: Large Data Storage Equipment (reaffirmation of ANSI/UL 60950-23-2007 (R2012)): 7/8/2016

Revision

- * ANSI/UL 268-2016c, Standard for Safety for Smoke Detectors for Fire Alarm Systems (revision of ANSI/UL 268-2016): 7/15/2016
- ANSI/UL 668-2016, Standard for the Safety of Hose Valves for Fire-Protection Service (Proposal dated 05/27/2016) (revision of ANSI/UL 668-2004 (R2012)): 7/12/2016
- ANSI/UL 746C-2016, Standard for Safety for Polymeric Materials - Use in Electrical Equipment Evaluations (revision of ANSI/UL 746C-2015): 7/18/2016
- * ANSI/UL 751-2016, Standard for Safety for Refrigerated Vending Machines (revision of ANSI/UL 751-2014): 7/18/2016
- * ANSI/UL 1083-2016, Standard for Safety for Household Electric Skillets and Frying-Type Appliances (Proposal dated 3/11/16) (revision of ANSI/UL 1083-2013): 7/15/2016
- * ANSI/UL 1083-2016a, Standard for Safety for Household Electric Skillets and Frying-Type Appliances (Proposals dated 4/15/16) (revision of ANSI/UL 1083-2013): 7/15/2016
- ANSI/UL 1996-2016, Standard for Safety for Electric Duct Heaters (revision of ANSI/UL 1996-2014): 7/14/2016

Project Initiation Notification System (PINS)

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

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

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

AAMI (Association for the Advancement of Medical Instrumentation)

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Fax: (703) 276-0793

E-mail: abenedict@aami.org

BSR/AAMI EQ94-201x, Healthcare technology acquisition (new standard)

Stakeholders: Healthcare delivery organizations, regulators, manufacturers

Project Need: Without a formal process in place for acquiring healthcare technology, and without involving the necessary players in the process, the approach to acquisition can become disorganized and disjointed. The ripple effects of such an approach can be very problematic.

This standard will provide guidance for healthcare delivery organizations on the acquisition of healthcare technology, with the goal of having a consistent process and standardized set of topics that should be covered in acquisition process. Ultimately, standardization will benefit both healthcare delivery organizations and vendors. Topics may include service documentation, risk management files, processes for making purchasing decisions (including who should be involved in those decisions), depreciation schedules, monitoring of hazard alerts/product recalls, identifying technical specifications, and a standardized request for proposals (RFP).

AAMI (Association for the Advancement of Medical Instrumentation)

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Suite 301
Arlington, VA 22203-1633

Contact: *Colleen Elliott*

Fax: (703) 276-0793

E-mail: celliott@aami.org

BSR/AAMI CN27-201x, General Requirements for small-bore connector actuated valves incorporated into medical devices (new standard)

Stakeholders: manufacturers, clinicians

Project Need: standardization of small-bore connector actuated valves to reduce clinical risks

This standard specifies general requirements for small-bore connector-actuated valves incorporated into or used with medical devices used in clinical applications of medical devices and related accessories.

ANS (American Nuclear Society)

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

Contact: *Kathryn Murdoch*

Fax: (708) 579-8248

E-mail: kmurdoch@ans.org

BSR/ANS 19.4-201x, A Guide for Acquisition and Documentation of Reference Power Reactor Physics Measurements for Nuclear Analysis Verification (new standard)

Stakeholders: Commercial nuclear power industry and vendors.

Project Need: This standard is needed because developments in reactor technology have made some terminology obsolete and developments in formal standardization related to the measurement of reactor physics parameters are needed. This standard is needed because it provides guidance and criteria for the selection of power reactor measured quality data for use in the benchmarking of reactor physics neutronics methods/codes.

This standard specifies and provides requirements for the reference measurements of reactor geometry, reactivity, and operation parameters in light-water power reactors. The measurement data are used in the verification of reactor physics computational methods used for nuclear core designs and analyses. The standard identifies the types of parameters, a brief description of test conditions and experimental data required for such reference measurements, problems and concerns that may affect the accuracy or interpretation of the data, and criteria to be used in documenting the results of reference measurements.

ASA (ASC S12) (Acoustical Society of America)

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BSR/ASA S12.60-201x/Part 4, Acoustical Performance Criteria, Design Requirements, and Guidelines for Schools, Part 4: Physical Education Settings (new standard)

Stakeholders: School administrators, purchasing agents, school architects and designers, teachers and parents.

Project Need: The goal of this standard is to bring physical education teaching settings in line with standards set for typical classroom learning spaces.

This part of ANSI/ASA S12.60 is intended to provide a minimum set of requirements, based on the best scientific evidence available, that can be adopted by reference to this standard and enforced by an authority having jurisdiction. This part is intended to help school planners and designers provide good acoustical characteristics for physical education spaces in which speech communication is an important part of the learning process.

ASABE (American Society of Agricultural and Biological Engineers)

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St. Joseph, MI 49085

Contact: Walter Brace

E-mail: brace@asabe.org

* BSR/ASABE S623.1 MONYEAR-201x, Determining Landscape Plant Water Demands (revision and redesignation of ANSI/ASABE S623-2015)

Stakeholders: Irrigation consultants and designers, irrigation managers, Irrigation contractors and maintenance personnel, governmental agencies, water purveyors, building and property managers, voluntary sustainable building programs.

Project Need: To correct a formula error.

The process to determine available water for landscapes and estimate the amount of water required to maintain the landscape so that it will function appropriately for its intended purpose. The standardized method can be utilized by water agencies, regulators, property owners, or landscape managers to determine if the anticipated plant water demand is equal to or less than the site-available water resources.

AWS (American Welding Society)

Office: 8669 NW 36th Street
#130
Miami, FL 33166

Contact: John Douglass

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BSR/AWS C3.4M/C3.4-201x, Specification for Torch Brazing (revision of ANSI/AWS C3.4M/C3.4-2016)

Stakeholders: Engineers, Torch Brazers, Quality Controllers

Project Need: To provide the minimum fabrication, equipment, and process procedure requirements, as well as inspection requirements for torch brazing.

This specification presents the minimum fabrication, equipment, and process procedure requirements, as well as inspection requirements for the torch brazing of steels, stainless steels, copper, copper alloys, and heat- or corrosion-resistant alloys, and other materials that can be adequately torch brazed (the torch brazing of aluminum alloys is addressed in AWS C3.7M/C3.7, Specification for Aluminum Brazing). This specification provides criteria for classifying torch-brazed joints based on loading and the consequences of failure and quality assurance criteria defining the limits of acceptability in each class.

BSR/AWS C3.5M/C3.5-201x, Specification for Induction Brazing (revision of ANSI/AWS C3.5M/C3.5-2016)

Stakeholders: Engineers, Induction Brazers, Quality Controllers

Project Need: To provide the minimum fabrication, equipment, and process procedure requirements, as well as inspection requirements for induction brazing.

This specification provides the minimum fabrication, equipment, and process-procedure requirements, as well as inspection requirements for the induction brazing of steels, copper, copper alloys, and heat- and corrosion-resistant alloys, and other materials that can be adequately induction brazed (the induction brazing of aluminum alloys is addressed in AWS C3.7M/C3.7, Specification for Aluminum Brazing). This specification provides criteria for classifying induction brazed joints based on loading and the consequences of failure and quality assurance criteria defining the limits of acceptability in each class.

BSR/AWS C3.6M/C3.6-201x, Specification for Furnace Brazing (revision of ANSI/AWS C3.6M/C3.6-2016)

Stakeholders: Engineers, furnace brazers, quality controllers.

Project Need: To provide the minimum fabrication, equipment, and process procedure requirements, as well as inspection requirements for furnace brazing.

This specification provides the minimum fabrication, equipment, material, process-procedure requirements, as well as inspection requirements for the furnace brazing of steels, copper, copper alloys, and heat- and corrosion-resistant alloys and other materials that can be adequately furnace brazed (the furnace brazing of aluminum alloys is addressed in AWS C3.7M/C3.7, Specification for Aluminum Brazing). This specification provides criteria for classifying furnace-brazed joints based on loading and the consequences of failure and quality assurance criteria defining the limits of acceptability in each class.

CSA (CSA Group)

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E-mail: cathy.rake@csagroup.org

- * BSR Z21.99-201x, Elastomeric Composite Hose and Hose Couplings for Conducting Propane and Natural Gas (same as CSA 8.1) (new standard)

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

Project Need: Harmonization.

This Standard applies to newly produced Type I, Type II, and Type III hose used for the transfer or conducting of propane and natural gas capable of operation at temperatures between -40°F (-40°C) and 140°F (60°C). Type I hose refers to hose with a maximum operating pressure of 350 psig (2.4 MPa) and a minimum burst pressure of 1750 psig (12.1 MPa). Type II and Type III hose refers to stainless steel braid reinforced hose designed with a maximum operating pressure of 350 psig (2.4 MPa) and a minimum burst pressure depending on hose size and nominal ID.

- * BSR Z21.100-201x, Thermoplastic Hose and Hose Couplings for Conducting Propane and Natural Gas (same as CSA 8.3) (new standard)

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

Project Need: Harmonization.

This Standard applies to newly produced thermoplastic hose, hose couplings, and complete assemblies of hose and couplings used to conduct natural gas in a gaseous state and propane in either a liquid or gaseous state to be used at temperatures between -40°F (-40°C) and 140°F (60°C) having a rated working pressure of at least 350 psig (2.4 MPa) and a minimum burst pressure of five times the rated working pressure.

CTA (Consumer Technology Association)

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Contact: *Veronica Lancaster*

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- * BSR/CTA-2065-201x, Physical Activity Monitoring for Heart Rate and Related Measures (new standard)

Stakeholders: Consumers, health and fitness device manufacturers and users.

Project Need: To create definitions and performance criteria for consumer technology that measures heart rate or related parameters.

This standard creates definitions and performance criteria for consumer technology that measures heart rate or related parameters.

HL7 (Health Level Seven)

Office: 3300 Washtenaw Avenue
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BSR/HL7 V3 CPM CMET, R4-201x, HL7 Version 3 Standard: Common Product Model CMETs, Release 4 (revision and redesignation of ANSI/HL7 V3 CPM CMET, R3-2016)

Stakeholders: Pharmaceutical, healthcare, government, FDA, EMA, CDISC, NCI, HL7, ISO, GS1.

Project Need: Periodically, V3 DMIMs and RMIMs are updated to reflect new requirements, e.g., SPL, requiring updates to CPM to support their requirements. In the near term, SPL R8 and R9 are expected to have such requirements, while future SPLs or other areas may yield such requirements.

This version updates CPM to support SPL Release 8 (which is forthcoming), including data elements for food and dietary supplements.

BSR/HL7 V3 PASS AUDIT, R1-201x, HL7 Version 3 Standard: Privacy, Access and Security Services (PASS); Audit Services, Release 1 (new standard)

Stakeholders: Standards Development Organizations (SDOs), Health Care IT Vendors, health information network providers.

Project Need: This project is needed for the PASS project, which includes Audit, Authentication, and Authorization services.

The Privacy, Access and Security Services (PASS) project specifies a set of Service Functional Models (SFMs), each of which defines an encapsulated, loosely coupled and composable service component that can contribute to ensuring the confidentiality and integrity of healthcare information within a service-oriented environment. The purpose of the PASS Healthcare Audit Services Conceptual Model specification is to provide the audit service interfaces associated with the security and privacy capabilities.

ISA (International Society of Automation)

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BSR/ISA 84.91.03-201x, Functional Safety: Safety Controls, Alarms, and Interlocks for the Process Sector (new standard)

Stakeholders: End users and equipment/system suppliers throughout the process industries.

Project Need: To advance functional safety practices in the process industries.

This standard will establish a lifecycle for the design and management of safety controls, alarms, and interlocks and will define the requirements for the major phases of the lifecycle.

SCTE (Society of Cable Telecommunications Engineers)

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BSR/SCTE EMS 004-2-201x, Key Performance Metrics: Energy Efficiency and Functional Density of CMTS, CCAP, and Time Server Equipment (new standard)

Stakeholders: Cable Telecommunication industry.

Project Need: Create new standard.

This document defines how to use a standard methodology to measure the density of hardware to meet the needs of optimizing critical space, as well as measuring energy consumption for the various network element classes. This part of the series focuses on the CMTS, CCAP, and other related cable-operator-critical facility equipment.

BSR/SCTE EMS-004-a-201x, General Test Procedures for Evaluation of Energy Efficiency Metrics and in Support of Functional Density Metrics (new standard)

Stakeholders: Cable Telecommunication industry.

Project Need: Create new standard.

This document covers the general test procedures that are common to all equipment types and specifies the environmental conditions for evaluating cable-equipment energy-efficiency metrics. Expectations of measurement equipment as well as guidelines on the recording of results are also covered. This standard will be included as a normative reference in each supplemental standard in the series covering metrics and specific test procedures for the various equipment types.

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

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Chantilly, VA 20151-1209

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BSR/SMACNA 011-201x, Thermoset FRP Duct Construction Manual (new standard)

Stakeholders: Designers, contractors, manufacturers, and code officials.

Project Need: Fabrication and Installation for Fiberglass Reinforced Plastic (FRP) used in process/corrosive applications and commercial HVAC applications.

The Thermoset FRP Duct Construction Manual is an authoritative manual that design engineers, industrial engineering departments, pollution control authorities, FRP manufacturers, and installation contractors can rely upon for the proper selection, manufacture, and installation of FRP duct systems.

TAPPI (Technical Association of the Pulp and Paper Industry)

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Peachtree Corners, GA 30092

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BSR/TAPPI T 834 om-201x, Determination of containerboard roll hardness (revision of ANSI/TAPPI T 834 om-2012)

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

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

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

UL (Underwriters Laboratories, Inc.)

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BSR/UL 62091-201X, Standard for Safety for Low-Voltage Switchgear and Controlgear - Controllers for Drivers of Stationary Fire Pumps (national adoption with modifications of IEC 62091)

Stakeholders: Manufacturers of fire pump controllers and fire pumps, users of fire pumps, manufacturers of industrial control equipment and components, building owners and maintenance personnel, fire marshals, building inspectors, and other AHJs.

Project Need: To obtain national recognition of an IEC-based standard covering low-voltage switchgear and controlgear controllers for drivers of stationary fire pumps.

This standard applies to controllers intended for starting, controlling and stopping stationary fire pumps, including automatic and non-automatic types for alternating-current electric-motor- or diesel-engine-driven fire pumps. It is anticipated that a controller only controls a single driver. Controllers for electric motor-driven fire pumps always include suitable short-circuit protection as an integral part of the controller. These controllers may include an integral power transfer switch. These controllers are rated 1000 Vac maximum. Controllers for diesel-engine-driven fire pumps include electrical circuits that operate various control and supervisory functions.

American National Standards Maintained Under Continuous Maintenance

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

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

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

- AAMI (Association for the Advancement of Medical Instrumentation)
- AAMVA (American Association of Motor Vehicle Administrators)
- AGA (American Gas Association)
- AGSC (Auto Glass Safety Council)
- ASC X9 (Accredited Standards Committee X9, Incorporated)
- ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
- ASME (American Society of Mechanical Engineers)
- ASTM (ASTM International)
- GBI (The Green Building Initiative)
- GEIA (Greenguard Environmental Institute)
- HL7 (Health Level Seven)
- IESNA (The Illuminating Engineering Society of North America)
- MHI (ASC MH10) (Material Handling Industry)
- NAHBRC (NAHB Research Center, Inc.)
- NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)
- NCPDP (National Council for Prescription Drug Programs)
- NISO (National Information Standards Organization)
- NSF (NSF International)
- PRCA (Professional Ropes Course Association)
- RESNET (Residential Energy Services Network)
- TIA (Telecommunications Industry Association)
- UL (Underwriters Laboratories, Inc.)

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

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

ANSI-Accredited Standards Developers Contact Information

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

<p>AAMI Association for the Advancement of Medical Instrumentation 4301 N Fairfax Drive Suite 301 Arlington, VA 22203-1633 Phone: (703) 253-8261 Fax: (703) 276-0793 Web: www.aami.org</p>	<p>ASA (ASC S1) Acoustical Society of America 1305 Walt Whitman Road Suite 300 Melville, NY 11747 Phone: (631) 390-0215 Fax: (631) 923-2875 Web: www.acousticalsociety.org</p>	<p>AWS American Welding Society 8669 NW 36th Street #130 Miami, FL 33166 Phone: (800) 443-9353 Web: www.aws.org</p>	<p>NEMA (ASC C8) National Electrical Manufacturers Association 1300 North 17th Street Rosslyn, VA 22209 Phone: (703) 841-3299 Web: www.nema.org</p>
<p>ABYC American Boat and Yacht Council 613 Third Street, Suite 10 Annapolis, MD 21403 Phone: (410) 990-4460 Web: www.abycinc.org</p>	<p>ASA (ASC S12) Acoustical Society of America 1305 Walt Whitman Rd Suite 300 Melville, NY 11747 Phone: (631) 390-0215 Fax: (631) 923-2875 Web: www.acousticalsociety.org</p>	<p>AWWA American Water Works Association 6666 W. Quincy Ave. Denver, CO 80235 Phone: (303) 347-6178 Fax: (303) 795-7603 Web: www.awwa.org</p>	<p>NEMA (ASC C82) National Electrical Manufacturers Association 1300 N 17th St Rosslyn, VA 22209 Phone: 703-841-3262 Fax: 703-841-3362 Web: www.nema.org</p>
<p>ADA (Organization) American Dental Association 211 E. Chicago Ave Chicago, IL 60611 Phone: (312) 440-2533 Fax: (312) 440-2529 Web: www.ada.org</p>	<p>ASABE American Society of Agricultural and Biological Engineers 2920 Niles Rd. St. Joseph, MI 49085 Phone: (269) 932-7009 Web: www.asabe.org</p>	<p>CSA CSA Group 8501 East Pleasant Valley Rd. Cleveland, OH 44131 Phone: (216) 524-4990 x88321 Fax: (216) 520-8979 Web: www.csa-america.org</p>	<p>NIST/ITL National Institute of Standards and Technology/Information Technology Laboratory 100 Bureau Drive Stop 8900 NIST Gaithersburg, MD 20899-8900 Phone: 301-975-4965 Web: www.nist.gov</p>
<p>AHRI Air-Conditioning, Heating, and Refrigeration Institute 2111 Wilson Boulevard Suite 500 Arlington, VA 22201 Phone: (703) 600-0327 Fax: (703) 562-1942 Web: www.ahrinet.org</p>	<p>ASB (ASC Z50) American Society of Baking 243 Reade Drive Cogan Station, PA 17728 Phone: (570) 494-0624 Fax: (570) 494-0603 Web: www.asbe.org</p>	<p>CTA Consumer Technology Association 1919 South Eads Street Arlington, VA 22202 Phone: (703) 907-7697 Fax: (703) 907-4197 Web: www.ce.org</p>	<p>NSF NSF International 789 N. Dixboro Road Ann Arbor, MI 48105-9723 Phone: (734) 769-5197 Web: www.nsf.org</p>
<p>AISC American Institute of Steel Construction One East Wacker Drive Suite 700 Chicago, IL 60601 Phone: (312) 670-5410 Fax: (312) 986-9022 Web: www.aisc.org</p>	<p>ASHRAE American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. 1791 Tullie Circle, NE Atlanta, GA 30329 Phone: (678) 539-1214 Fax: (678) 539-2214 Web: www.ashrae.org</p>	<p>HL7 Health Level Seven 3300 Washtenaw Avenue Suite 227 Ann Arbor, MI 48104 Phone: (734) 677-7777 Fax: (734) 677-6622 Web: www.hl7.org</p>	<p>RESNET Residential Energy Services Network, Inc. 4867 Patina Court Oceanside, CA 92057 Phone: (760) 408-5860 Fax: (760) 806-9449 Web: www.resnet.us.com</p>
<p>ANS American Nuclear Society 555 North Kensington Avenue La Grange Park, IL 60526 Phone: (708) 579-8268 Fax: (708) 579-8248 Web: www.ans.org</p>	<p>ASME American Society of Mechanical Engineers Two Park Avenue New York, NY 10016 Phone: (212) 591-8521 Fax: (212) 591-8501 Web: www.asme.org</p>	<p>ISA (Organization) International Society of Automation 67 Alexander Drive Research Triangle Park, NC 27709 Phone: (919) 990-9213 Fax: (919) 549-8288 Web: www.isa.org</p>	<p>SCTE Society of Cable Telecommunications Engineers 140 Philips Road Exton, PA 19341-1318 Phone: (480) 252-2330 Fax: (610) 363-5898 Web: www.scte.org</p>
<p>ARMA ARMA International 11880 College Boulevard Suite 450 Overland Park, KS 66210 Phone: (913) 312-5565 Fax: (913) 341-3742 Web: www.arma.org</p>	<p>ASSE (Safety) American Society of Safety Engineers 520 N. Northwest Highway Park Ridge, IL 60068 Phone: (847) 768-3411 Fax: (847) 296-9221 Web: www.asse.org</p>	<p>MHI Material Handling Industry 8720 Red Oak Blvd. - Ste. 201 Suite 201 Charlotte, NC 28217 Phone: (704) 714-8755 Fax: (704) 676-1199 Web: www.mhi.org</p>	<p>SMACNA Sheet Metal and Air-Conditioning Contractors' National Association 4201 Lafayette Center Drive Chantilly, VA 20151-1209 Phone: (703) 803-2980 Fax: (703) 803-3732 Web: www.smacna.org</p>
<p>ASTM ASTM International 100 Barr Harbor Drive West Conshohocken, PA 19428-2959 Phone: (610) 832-9744 Fax: (610) 834-3683 Web: www.astm.org</p>	<p>ASTM ASTM International 100 Barr Harbor Drive West Conshohocken, PA 19428-2959 Phone: (610) 832-9744 Fax: (610) 834-3683 Web: www.astm.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>NEMA (ASC C78) National Electrical Manufacturers Association 1300 N 17th St Rosslyn, VA 22209 Phone: 703-841-3262 Web: www.nema.org</p>

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ISO & IEC Draft International Standards

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

Comments

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

Ordering Instructions

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

ISO Standards

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO/DIS 8588, Sensory analysis - Methodology - A - not A test - 10/14/2016, \$71.00

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

ISO/DIS 20789, Anaesthetic and respiratory equipment - Passive humidifiers - 10/13/2016, \$125.00

CARBON DIOXIDE CAPTURE, TRANSPORTATION, AND GEOLOGICAL STORAGE (TC 265)

ISO/DIS 27914, Carbon Dioxide Capture, Transportation and Geological Storage - Geological Storage - 8/13/2016, \$155.00

FLUID POWER SYSTEMS (TC 131)

ISO/DIS 12669, Hydraulic fluid power - Method for determining the required cleanliness level (RCL) for a system - 10/12/2016, \$71.00

IMPLANTS FOR SURGERY (TC 150)

ISO 14242-1/DAmD1, Implants for surgery - Wear of total hip-joint prostheses - Part 1: Loading and displacement parameters for wear-testing machines and corresponding environmental conditions for test - Amendment 1 - 8/11/2016, \$33.00

INTERNAL COMBUSTION ENGINES (TC 70)

ISO/DIS 8178-4, Reciprocating internal combustion engines - Exhaust emission measurement - Part 4: Steady-state and transient test cycles for different engine applications - 8/13/2016, \$203.00

MECHANICAL CONTRACEPTIVES (TC 157)

ISO/DIS 16038, Male condoms - Guidance on the use of ISO 4074 and ISO 23409 in the quality management of natural rubber latex condoms and synthetic condoms - 12/8/2010, \$67.00

NANOTECHNOLOGIES (TC 229)

ISO/DIS 19007, Nanotechnologies - In vitro MTS assay for measuring the cytotoxic effect of nanoparticles - 8/10/2016, FREE

NUCLEAR ENERGY (TC 85)

ISO/ASTM DIS 51205, Practice for use of a ceric-cerous sulfate dosimetry system - 8/14/2016, \$58.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO/DIS 20711, Optics and photonics - Environmental requirements - Test requirements for telescopic systems - 8/14/2016, \$53.00

PAINTS AND VARNISHES (TC 35)

ISO/DIS 6270-3, Paints and varnishes - Determination of resistance to humidity - Part 3: Condensation (in-cabinet exposure with heated, bubbling water reservoir) - 10/13/2016, \$40.00

PLASTICS PIPES, FITTINGS AND VALVES FOR THE TRANSPORT OF FLUIDS (TC 138)

ISO/DIS 12176-1, Plastics pipes and fittings - Equipment for fusion jointing polyethylene systems - Part 1: Butt fusion - 10/12/2016, \$88.00

ROAD VEHICLES (TC 22)

ISO/DIS 26262-1, Road vehicles - Functional safety - Part 1: Vocabulary - 10/14/2016, \$112.00

ISO/DIS 26262-2, Road vehicles - Functional safety - Part 2: Management of functional safety - 10/14/2016, \$112.00

ISO/DIS 26262-3, Road vehicles - Functional safety - Part 3: Concept phase - 10/14/2016, \$93.00

ISO/DIS 26262-4, Road vehicles - Functional safety - Part 4: Product development at the system level - 10/14/2016, \$107.00

ISO/DIS 26262-5, Road vehicles - Functional safety - Part 5: Product development at the hardware level - 10/14/2016, \$155.00

ISO/DIS 26262-6, Road vehicles - Functional safety - Part 6: Product development at the software level - 10/14/2016, \$134.00

ISO/DIS 26262-7, Road vehicles - Functional safety - Part 7: Production, operation, service and decommissioning - 10/14/2016, \$71.00

ISO/DIS 26262-8, Road vehicles - Functional safety - Part 8: Supporting processes - 10/14/2016, \$125.00

ISO/DIS 26262-9, Road vehicles - Functional safety - Part 9: Automotive safety integrity level (ASIL)-oriented and safety-oriented analyses - 10/14/2016, \$93.00

- ISO/DIS 26262-10, Road vehicles - Functional safety - Part 10: Guideline on ISO 26262 - 10/14/2016, \$134.00
- ISO/DIS 26262-11, Road vehicles - Functional safety - Part 11: Guideline on application of ISO 26262 to semiconductors - 10/14/2016, \$185.00
- ISO/DIS 26262-12, Road vehicles - Functional safety - Part 12: Adaptation for motorcycles - 10/14/2016, \$107.00

SIEVES, SIEVING AND OTHER SIZING METHODS (TC 24)

- ISO/DIS 20998-3, Measurement and characterization of particles by acoustic methods - Part 3: Guidelines for non-linear theory - 8/11/2016, FREE

SPORTS AND RECREATIONAL EQUIPMENT (TC 83)

- ISO/DIS 20957-8, Stationary training equipment - Part 8: Steppers, stairclimbers and climbers - Additional specific safety requirements and test methods - 8/11/2016, \$67.00
- ISO/DIS 20957-10, Stationary training equipment - Part 10: Exercise bicycles with a fixed wheel or without freewheel, additional specific safety requirements and test methods - 8/11/2016, \$58.00

TEXTILES (TC 38)

- ISO/DIS 811, Textile - Determination of resistance to water penetration - Hydrostatic pressure test - 8/11/2016, \$33.00
- ISO/DIS 15496, Textiles - Measurement of water vapour permeability of textiles for the purpose of quality control - 8/11/2016, \$58.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

- ISO/DIS 14223-3, Radiofrequency identification of animals - Advanced transponders - Part 3: Applications - 8/11/2016, \$98.00

TRADITIONAL CHINESE MEDICINE (TC 249)

- ISO/DIS 19614, Traditional Chinese medicine - Pulse graph force transducer - 8/11/2016, FREE

WELDING AND ALLIED PROCESSES (TC 44)

- ISO/DIS 9455-11, Soft soldering fluxes - Test methods - Part 11: Solubility of flux residues - 8/14/2016, \$40.00
- ISO/DIS 9455-14, Soft soldering fluxes - Test methods - Part 14: Assessment of tackiness of flux residues - 8/13/2016, \$33.00
- ISO/DIS 9455-15, Soft soldering fluxes - Test methods - Part 15: Copper corrosion test - 8/14/2016, \$58.00

ISO/IEC JTC 1, Information Technology

- ISO/IEC DIS 21778, The JSON data interchange format - 10/9/2016, \$46.00
- ISO/IEC DIS 29134, Information technology - Security techniques - Privacy impact assessment - Guidelines - 8/9/2016, \$112.00
- ISO/IEC DIS 29167-10, Information technology - Automatic identification and data capture techniques - Part 10: Crypto suite AES-128 security services for air interface communications - 10/9/2016, \$125.00
- ISO/IEC/IEEE DIS 12207, Systems and software engineering - Software life cycle processes - 10/14/2016, \$185.00

OTHER

- ISO/IEC DIS 17021-3, Conformity assessment - Requirements for bodies providing audit and certification of management systems - Part 3: Competence requirements for auditing and certification of quality management systems - 8/11/2016, \$40.00

IEC Standards

- 3/1260/CDV, IEC 62569-1/Ed1: Generic specification of information on products by properties - Part 1: Principles and methods, 10/14/2016
- 17A/1124/CD, IEC 62271-102 Ed.2: High-voltage switchgear and controlgear - Part 102: Alternating current disconnectors and earthing switches, 10/14/2016
- 25/565/CDV, ISO 80000-10 Ed.1: Quantities and units - Part 10: Atomic and nuclear physics, 10/14/2016
- 26/605/CD, IEC 60974-9 Ed.2: Arc welding equipment - Part 9: Installation and use, 10/14/2016
- 26/606/CD, IEC 60974-14 Ed.1: Arc welding equipment - Part 14: Performance verification, 09/16/2016
- 34A/1926/CD, Amendment 2 to IEC 62612 Ed.1: Self ballasted LED lamps for general lighting services with supply voltages > 50V - Performance requirements, 10/14/2016
- 34B/1859/CDV, IEC 60400 f1 Ed.8: Lampholders for tubular fluorescent lamps and starterholders, 10/14/2016
- 45A/1096/CD, IEC 61226 Ed.4: Nuclear power plants - Instrumentation, control and electrical power systems important to safety - Categorization of functions and classification of systems, 10/14/2016
- 46/603/CDV, IEC 62153-4-6 Ed 3.0 Metallic communication cable test methods - Part 4-6: Electro Magnetic Compatibility (EMC) - Surface transfer impedance-line injection method, 10/14/2016
- 46A/1310/CD, IEC 61196-6-2: Coaxial communication cables - Part 5: Sectional specification for CATV trunk and distribution cables, 10/14/2016
- 48B/2517/CD, IEC 60512-1/Ed5: Connectors for electronic equipment - Tests and measurements - Part 1: General, 09/16/2016
- 48D/619/CD, IEC 60297-3-110/Ed1: Mechanical structures for electrical and electronic equipment - Dimensions of mechanical structures of the 482,6 mm (19 in) Series - Part 110: residential racks and cabinets for intelligent houses, 10/14/2016
- 56/1696/CD, IEC/ISO 31010/Ed2: Risk management - Risk assessment techniques, 09/16/2016
- 57/1752/FDIS, IEC 61970-552 Ed.2: Energy management system application program interface (EMS-API) - Part 552: CIMXML Model exchange format, 09/02/2016
- 57/1753/FDIS, IEC 62351-11 Ed.1: Power systems management and associated information exchange - Data and communications security - Part 11: Security for XML documents, 09/02/2016
- 59F/307/NP, Surface cleaning appliances - Part X: Dry vacuum cleaners for commercial use - Methods for measuring the performance (proposed IEC 62885-X Ed.1), 10/14/2016
- 68/550A/CD, IEC 60404-7 Ed.2: Magnetic materials - Part 7: Method of measurement of the coercivity of magnetic materials in an open magnetic circuit, 10/07/2016
- 69/426/CD, IEC 61851, Electric vehicles conductive power supply system - Part 3-1, General Requirements for light electric vehicles a. c. and d.c. conductive power supply systems, 09/16/2016
- 69/427/CD, IEC 61851, Electric vehicles conductive power supply system - Part 3-2: Particular requirements for light electric vehicles - d.c. conductive power supply equipment, 09/16/2016
- 69/428/CD, IEC 61851, Electric vehicles conductive power supply system - Part 3-3, Particular requirements for light electric vehicles - Battery swap systems, 10/14/2016
- 69/429/CD, IEC 61851, Electric vehicles conductive power supply system - Part 3-4, Particular requirements for light electric vehicles - General definitions for communication, 09/16/2016

- 77A/929/CDV, IEC 61000-3-11 Ed.2: Electromagnetic compatibility (EMC) - Part 3-11: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems - Equipment with rated current ≤ 75 A and subject to conditional connection, 10/14/2016
- 77A/931/CDV, Amendment 1 to IEC 61000-3-3: Electromagnetic compatibility (EMC) - Part 3-3: Limits - Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems, for equipment with rated current ≤ 16 A per phase and not subject to conditional connection, 10/14/2016
- 80/814/CD, IEC 61097-3 Ed.2: Global maritime distress and safety systems (GMDSS) - Part 3: Digital selective calling (DSC) equipment Operational and performance requirements, methods of testing and required testing results, 09/16/2016
- 82/1148/FDIS, IEC 62788-1-4 Ed.1: Measurement procedures for materials used in photovoltaic modules - Part 1-4: Encapsulants - Measurement of optical transmittance and calculation of the solar-weighted photon transmittance, yellowness index, and UV cut-off wavelength, 09/02/2016
- 82/1149/FDIS, IEC 62548 Ed.1: Photovoltaic (PV) arrays - Design requirements, 09/02/2016
- 86C/1399/CD, IEC 61281-1/Ed2: Fibre optic communication subsystems - Part 1: Generic specification, 09/16/2016
- 89/1327/CDV, IEC 60695-11-2/Ed3: Fire hazard testing - Part 11-2: Test flames - 1 kW pre-mixed flame - Apparatus, confirmatory test arrangement and guidance, 10/14/2016
- 109/151/CD, IEC/TS 62993 Ed.1: Guidance for determination of clearances; creepage distances and requirements for solid insulation for equipment with a rated voltage above 1 000 V a.c. AND 1 500 V d.c. UP TO 2 000 V a.c. AND 3 000 V d.c., 09/16/2016
- 110/778/CD, IEC/TS 62977-3-1 Ed.1: Electronic display devices - Part 3-1: Evaluation of optical characteristics - Colour difference based viewing angle, 09/16/2016
- CABPUB/131/CDV, ISO/IEC DIS 17021-3, Conformity assessment - Requirements for bodies providing audit and certification of management systems - Part 3: Competence requirements for auditing and certification of quality management systems (QMS), 10/14/2016



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

AIRCRAFT AND SPACE VEHICLES (TC 20)

[ISO 8056-2/Amd1:2016](#), Aircraft - Nickel-chromium and nickel-aluminium thermocouple extension cables - Part 2: Terminations - General requirements and tests - Amendment 1, \$22.00

CONTROL AND SAFETY DEVICES FOR NON INDUSTRIAL GAS-FIRED APPLIANCES AND SYSTEMS (TC 161)

[ISO 23551-10:2016](#), Safety and control devices for gas burners and gas-burning appliances - Particular requirements - Part 10: Vent valves, \$123.00

CRANES (TC 96)

[ISO 11031:2016](#), Cranes - Principles for seismically resistant design, \$200.00

FLUID POWER SYSTEMS (TC 131)

[ISO 16656:2016](#), Hydraulic fluid power - Single rod, short-stroke cylinders with bores from 32 mm to 100 mm for use at 10 MPa (100 bar) - Mounting dimensions, \$51.00

[ISO 3601-2:2016](#), Fluid power systems - O-rings - Part 2: Housing dimensions for general applications, \$240.00

IMPLANTS FOR SURGERY (TC 150)

[ISO 7198:2016](#), Cardiovascular implants and extracorporeal systems - Vascular prostheses - Tubular vascular grafts and vascular patches, \$240.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

[IEC 62264-5:2016](#), Enterprise-control system integration - Part 5: Business to manufacturing transactions, \$149.00

MICROBEAM ANALYSIS (TC 202)

[ISO 16700:2016](#), Microbeam analysis - Scanning electron microscopy - Guidelines for calibrating image magnification, \$123.00

PACKAGING (TC 122)

[ISO 17451-1:2016](#), Packaging - Codification of contents for inventories for shipments of household goods and personal effects - Part 1: Numeric codification of inventories, \$200.00

PAINTS AND VARNISHES (TC 35)

[ISO 1514:2016](#), Paints and varnishes - Standard panels for testing, \$88.00

[ISO 3248:2016](#), Paints and varnishes - Determination of the effect of heat, \$51.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

[ISO 11999-6:2016](#), PPE for firefighters - Test methods and requirements for PPE used by firefighters who are at risk of exposure to high levels of heat and/or flame while fighting fires occurring in structures - Part 6: Footwear, \$173.00

ROAD VEHICLES (TC 22)

[ISO/PAS 19451-1:2016](#), Application of ISO 26262:2011-2012 to semiconductors - Part 1: Application of concepts, \$265.00

[ISO/PAS 19451-2:2016](#), Application of ISO 26262:2011-2012 to semiconductors - Part 2: Application of hardware qualification, \$88.00

RUBBER AND RUBBER PRODUCTS (TC 45)

[ISO 9924-1:2016](#), Rubber and rubber products - Determination of the composition of vulcanizates and uncured compounds by thermogravimetry - Part 1: Butadiene, ethylene-propylene copolymer and terpolymer, isobutene-isoprene, isoprene and styrene-butadiene rubbers, \$88.00

[ISO 9924-2:2016](#), Rubber and rubber products - Determination of the composition of vulcanizates and uncured compounds by thermogravimetry - Part 2: Acrylonitrile-butadiene and halobutyl rubbers, \$88.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

[ISO 15540:2016](#), Ships and marine technology - Fire resistance of non-metallic hose assemblies and non-metallic compensators - Test methods, \$51.00

[ISO 15541:2016](#), Ships and marine technology - Fire resistance of non-metallic hose assemblies and non-metallic compensators - Requirements for the test bench, \$88.00

SIEVES, SIEVING AND OTHER SIZING METHODS (TC 24)

[ISO 3310-1:2016](#), Test sieves - Technical requirements and testing - Part 1: Test sieves of metal wire cloth, \$123.00

SMALL TOOLS (TC 29)

[ISO 3294:2016](#), Parallel shank countersinks for angles 60, 90 and 120 degrees inclusive, \$51.00

[ISO 1641-1:2016](#), End mills and slot drills - Part 1: Milling cutters with cylindrical shanks, \$51.00

STEEL (TC 17)

[ISO 3575:2016](#), Continuous hot-dip zinc-coated and zinc-iron alloy-coated carbon steel sheet of commercial and drawing qualities, \$123.00

THERMAL INSULATION (TC 163)

[ISO 12572:2016](#), Hygrothermal performance of building materials and products - Determination of water vapour transmission properties - Cup method, \$173.00

WELDING AND ALLIED PROCESSES (TC 44)

[ISO 5182:2016](#), Resistance welding - Materials for electrodes and ancillary equipment, \$88.00

ISO Technical Reports**EARTH-MOVING MACHINERY (TC 127)**

[ISO/TR 19948:2016](#), Earth-moving machinery - Conformity assessment and certification process, \$51.00

SUSTAINABLE DEVELOPMENT IN COMMUNITIES (TC 268)

[ISO/TR 37152:2016](#), Smart community infrastructures - Common framework for development and operation, \$149.00

ISO Technical Specifications**CONCRETE, REINFORCED CONCRETE AND PRE-STRESSED CONCRETE (TC 71)**

[ISO/TS 16774-2:2016](#), Test methods for repair materials for water-leakage cracks in underground concrete structures - Part 2: Test method for chemical resistance, \$88.00

[ISO/TS 16774-3:2016](#), Test methods for repair materials for water-leakage cracks in underground concrete structures - Part 3: Test method for water (wash out) resistance, \$88.00

[ISO/TS 16774-4:2016](#), Test methods for repair materials for water-leakage cracks in underground concrete structures - Part 4: Test method for adhesion on wet concrete surface, \$88.00

NANOTECHNOLOGIES (TC 229)

[ISO/TS 19006:2016](#), Nanotechnologies - 5-(and 6)-Chloromethyl-2,7 Dichloro-dihydrofluorescein diacetate (CM-H2DCF-DA) assay for evaluating nanoparticle-induced intracellular reactive oxygen species (ROS) production in RAW 264.7 macrophage cell line, \$149.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 1539-1/Cor4:2016](#), Information technology - Programming languages - Fortran - Part 1: Base language - Corrigendum, FREE

[ISO/IEC 23003-3/Amd3:2016](#), Information technology - MPEG audio technologies - Part 3: Unified speech and audio coding - Amendment 3: Support of MPEG-D DRC, audio pre-roll and immediate play-out frame, \$22.00

[ISO/IEC 23008-3/Amd1:2016](#), Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 3: 3D audio - Amendment 1: MPEG-H, 3D audio profile and levels, \$22.00

[ISO/IEC 23001-11/Amd1:2016](#), Information technology - MPEG systems technologies - Part 11: Energy-efficient media consumption (green metadata) - Amendment 1: Carriage of green metadata in an HEVC SEI message, \$22.00

[ISO/IEC 10373-6:2016](#), Identification cards - Test methods - Part 6: Proximity cards, \$265.00

[ISO/IEC 14443-2:2016](#), Identification cards - Contactless integrated circuit cards - Proximity cards - Part 2: Radio frequency power and signal interface, \$200.00

[ISO/IEC 24760-3:2016](#), Information technology - Security techniques - A framework for identity management - Part 3: Practice, \$173.00

[ISO/IEC 29192-5:2016](#), Information technology - Security techniques - Lightweight cryptography - Part 5: Hash-functions, \$149.00

IEC Standards**ELECTRIC WELDING (TC 26)**

[IEC 60974-4 Ed. 3.0 b:2016](#), Arc welding equipment - Part 4: Periodic inspection and testing, \$97.00

ELECTRICAL ACCESSORIES (TC 23)

[IEC 61058-1 Ed. 4.0 b:2016](#), Switches for appliances - Part 1: General requirements, \$387.00

[S+ IEC 61058-1 Ed. 4.0 en:2016 \(Redline version\)](#), Switches for appliances - Part 1: General requirements, \$499.00

ELECTRICAL APPARATUS FOR EXPLOSIVE ATMOSPHERES (TC 31)

[IEC 60079-29-1 Ed. 2.0 en:2016](#), Explosive atmospheres - Part 29-1: Gas detectors - Performance requirements of detectors for flammable gases, \$278.00

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

[IEC 61511-3 Ed. 2.0 b:2016](#), Functional safety - Safety instrumented systems for the process industry sector - Part 3: Guidance for the determination of the required safety integrity levels, \$375.00

[IEC 61784-3-18 Ed. 1.1 b:2016](#), Industrial communication networks - Profiles - Part 3-18: Functional safety fieldbuses - Additional specifications for CPF 18, \$424.00

[IEC 61784-3-18 Amd.1 Ed. 1.0 b:2016](#), Amendment 1 - Industrial communication networks - Profiles - Part 3-18: Functional safety fieldbuses - Additional specifications for CPF 18, \$24.00

[S+ IEC 61511-3 Ed. 2.0 en:2016 \(Redline version\)](#), Functional safety - Safety instrumented systems for the process industry sector - Part 3: Guidance for the determination of the required safety integrity levels, \$446.00

LAMPS AND RELATED EQUIPMENT (TC 34)

[IEC 61347-2-13 Ed. 2.1 b:2016](#), Lamp controlgear - Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules, \$230.00

[IEC 61347-2-13 Amd.1 Ed. 2.0 b:2016](#), Amendment 1 - Lamp controlgear - Part 2-13: Particular requirements for d.c. or a.c. supplied electronic controlgear for LED modules, \$17.00

PROCESS MANAGEMENT FOR AVIONICS (TC 107)

[IEC/PAS 62686-2 Ed. 1.0 en:2016](#), Process management for avionics - Electronic components for aerospace, defence and high performance (ADHP) applications - Part 2: General requirements for passive components, \$230.00

**SAFETY OF HAND-HELD MOTOR-OPERATED ELECTRIC TOOLS
(TC 116)**

[IEC 62841-3-10 Ed. 1.0 en cor.1:2016](#), Corrigendum 1 - Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-10: Particular requirements for transportable cut-off machines, \$0.00

**SAFETY OF MEASURING, CONTROL, AND LABORATORY
EQUIPMENT (TC 66)**

[IEC 61010-2-011 Ed. 1.0 b:2016](#), Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2 -011: Particular requirements for refrigerating equipment, \$278.00

SEMICONDUCTOR DEVICES (TC 47)

[IEC 60749-44 Ed. 1.0 b:2016](#), Semiconductor devices - Mechanical and climatic test methods - Part 44: Neutron beam irradiated single event effect (SEE) test method for semiconductor devices, \$157.00

IEC Technical Reports

POWER ELECTRONICS (TC 22)

[IEC/TR 62001-2 Ed. 1.0 en:2016](#), High-voltage direct current (HVDC) systems - Guidance to the specification and design evaluation of AC filters - Part 2: Performance, \$339.00

IEC Technical Specifications

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

[IEC/TS 62332-3 Ed. 1.0 b:2016](#), Electrical insulation systems (EIS) - Thermal evaluation of combined liquid and solid components - Part 3: Hermetic motor-compressors, \$182.00

LAMPS AND RELATED EQUIPMENT (TC 34)

[IEC/TS 62972 Ed. 1.0 b:2016](#), General lighting - Organic light emitting diode (OLED) products and related equipment - Terms and definitions, \$73.00

Proposed Foreign Government Regulations

Call for Comment

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

The National Center for Standards and Certification Information (NCSCI) at the National Institute of Standards and Technology

(NIST), distributes these proposed foreign technical regulations to U.S. stakeholders via an online service, Notify U.S. Notify U.S. is an e-mail and Web service that allows interested U.S. parties to register, obtain notifications, and read full texts of regulations from countries and for industry sectors of interest to them. To register for Notify U.S., please go to Internet URL: <http://www.nist.gov/notifyus/> and click on "Subscribe".

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

Information Concerning

American National Standards

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 its oversight of programs of its 40+ Technical Committees. Additionally, the INCITS Executive Board exercises international leadership in its role as the US Technical Advisory Group (TAG) to ISO/IEC JTC 1, Information Technology.

The INCITS Executive Board has eleven membership categories that can be viewed at <http://www.incits.org/participation/membership-info>. Membership in all categories is always welcome. INCITS also seeks to broaden its membership base and looks to recruit new participants in the following under-represented membership categories:

- **Producer – Hardware**

This category primarily produces hardware products for the ITC marketplace.

- **Producer – Software**

This category primarily produces software products for the ITC marketplace.

- **Distributor**

This category is for distributors, resellers or retailers of conformant products in the ITC industry.

- **User**

This category includes entities that primarily reply on standards in the use of a products/service, as opposed to producing or distributing conformant products/services.

- **Consultants**

This category is for organizations whose principal activity is in providing consulting services to other organizations.

- **Standards Development Organizations and Consortia**

- o “Minor” an SDO or Consortia that (a) holds no TAG assignments; or (b) holds no SC TAG assignments, but does hold one or more Work Group (WG) or other subsidiary TAG assignments.

- **Academic Institution**

This category is for organizations that include educational institutions, higher education schools or research programs.

- **Other**

This category includes all organizations who do not meet the criteria defined in one of the other interest categories.

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

Calls for Members

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

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

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

ANSI Accreditation Program for Third Party Product Certification Agencies

Voluntary Withdrawal of Accreditation for the Fair Trade USA Scopes

SCS Global Services

Comment Deadline: August 29, 2016

Ms. Diana Kirsanova Phillips
Director, Quality Assurance
SCS Global Services
2000 Powell Street, Suite 600
Emeryville, CA 94608
Phone: 510-452-9089
Fax: 510-452-8001

E-mail: dkirsanovaphillips@scsglobalservices.com

On July 21, 2016, SCS Global Services, an ANSI-accredited certification body, requested voluntary withdrawal of ANSI Accreditation for the following:

CERTIFICATION SCHEME(S):

Certification Manual Fair Trade USA V2.0 English
Version June 2014

SCOPE OF ACCREDITATION

- Fair Trade USA - Farm Workers Standard - Version 1.1
- Fair Trade USA - Independent Smallholders Standard - Version 1.1

Please send your comments by August 29, 2016 to Reinaldo Balbino Figueiredo, Senior Program Director, Product/Process/Services Accreditation Programs, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293 9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Director, Product Certification Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293 9287 or e-mail: njackson@ansi.org.

International Organization for Standardization (ISO)

Establishment of ISO Subcommittee

ISO/TC 20/SC 18 – Materials

ISO/TC 20 – Aircraft and space vehicles has created a new ISO Subcommittee on Materials (ISO/TC 20/SC 18) The Secretariat has been assigned to France (AFNOR).

ISO/TC 20/SC 18 operates under the following scope:

Standardization of materials and related processes (e.g. : surface treatment/coating, defects in composites...) used by aircraft and engine manufacturers,

- Excluded materials: ISO/TC 35 Paints and varnishes, ISO/TC 17 Steel, ISO/TC 25 Cast irons and pig irons, ISO/TC 26 Copper and copper alloys, ISO/TC 45 Rubber and rubber products, ISO/TC 79 Light metals and their alloys, ISO/TC 155 Nickel and nickel alloys, ISO/TC 206 Fine ceramics...,

- Excluded processes: ISO/TC 44/WG 4 Welding and brazing in aerospace, ISO/TC 107 Metallic and other inorganic coatings, ISO/TC 156 Corrosion of metals and alloys, ISO/TC 244 Industrial furnaces and associated processing equipment, ISO/TC 261 Additive manufacturing.

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

ISO/TC 282/SC 4 – Industrial Water Reuse

ISO/TC 282– Water reuse has created a new ISO Subcommittee on Industrial water reuse (ISO/TC 282/SC 4). The Secretariat has been assigned to China (SAC).

ISO/TC 282/SC 4 operates under the following scope:

Standardization in the field of industrial water reuse, include the following:

- Classification of industrial wastewater treatments;
- Industrial wastewater pre-treatment (before treatment plant) and/or treatment in industrial wastewater plant;
- Management and development of industrial wastewater – for reuse as a water source in industrial plants, which excludes the municipal treated wastewater use as a water source in industrial plants;
- Aspects of technology, economy, management and energy consumption of industrial wastewater reuse.

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

ISO/TC 306 – Foundry Machinery

A new ISO Technical Committee, ISO/TC 306, Foundry Machinery, has been formed. The Secretariat has been assigned to China (SAC).

ISO/TC 306 operates under the following scope:

Standardization of foundry machinery, including terminology, classification, specifications, test methods and quality requirements of sand preparation equipment, moulding equipment, core making equipment, die-casting equipment (die-casting machine, low pressure casting machine, centrifugal casting machine, gravity casting machine) and casting cleaning & grinding equipment etc.

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

New Work Item Proposal

Wheeled Child Conveyances

Comment Deadline: August 26, 2016

AFNOR, the ISO member body for France, and SAC, the ISO member body for China, have jointly submitted to ISO a new work item proposal for the development of an ISO standard on Wheeled Child Conveyances, with the following scope statement:

Standardization deliverable in the field of wheeled child conveyances designed for the carriage of one or more children. It covers safety requirements and test methods.

Excluded: toys, shopping trolleys, baby carriers fitted with wheels, wheeled child conveyances propelled by a motor and wheeled child conveyances designed for children with special needs.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, August 26, 2016.

ISO Proposal for a New Field of ISO Technical Activity

Remanufacturing Technology

Comment Deadline: September 2, 2016

SAC, the ISO member body for China, has submitted to ISO a proposal for a new field of ISO technical activity on Remanufacturing Technology, with the following scope statement:

Standardization and coordination of remanufacturing technology, including remanufacturing terminology standards and generic technology standards for remanufacturing processes, such as dismantling, cleaning, inspection, coating preparation, forming processing and assembly. The scope of the new TC does not include the relevant areas of TC 127 and TC 67/SC4.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, September 2, 2016.

Development of AHRI Standard 1250P for centrifugal compressors

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on August 22 from 8 a.m. to 10 a.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Justin Prosser at jprosser@ahrinet.org.

ASSE Meeting

The American Society of Safety Engineers (ASSE) serves as the secretariat of the ANSI Accredited A1264 Committee (A1264 ASC) for Safety Requirements for Workplace Walking/Working Surfaces and Their Access; Workplace, Floor, Wall and Roof Openings; Stairs and Guardrail/Handrail Systems.

The next meeting of the A1264 ASC will be via a webinar scheduled for Thu, Aug 25, 2016 1:00 PM - 3:00 PM CDT. Those interested in participating can contact ASSE for additional information at OMunteanu@asse.org.

Meeting Notices

AHRI Meetings

Revision of ANSI/AHRI Standard 640-2005, Performance Rating of Commercial and Industrial Humidifiers

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on July 28 from 1 p.m. to 3 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Ted Wayne at twayne@ahrinet.org.

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9.9 Product-specific quality assurance requirements

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Table 11 – Fittings for PE, PEX and PB tubing test frequency

Test	PB fittings	Insert fittings PE pipe	Insert fittings PB tubing	Electro-fusion PE fittings	Butt heat fusion PE fittings	Fittings for PEX tubing	Socket-type PE fittings
burst pressure	weekly	weekly	weekly	weekly	—	weekly ¹	—
dimensions							
barb length	—	weekly	—	—	—	—	—
insert OD	—	weekly	weekly	—	—	weekly	—
body wall thickness	weekly	—	weekly	—	—	weekly	—
insert length	weekly	weekly	weekly	—	—	weekly	—
inside diameter	—	—	—	24 h	24 h	—	24 h
outside diameter	—	—	—	—	24 h	—	—
socket bottom ²	24 h	—	—	—	—	—	24 h
socket depth ^{2,7}	24 h	—	—	—	—	—	24 h
socket entrance ²	24 h	—	—	—	—	—	24 h
socket wall thickness	24 h	—	—	—	—	—	—
thread gauge	—	24 h	24 h	—	—	24 h	—
thread length ^{6,7}	—	(see footnotes 6, 7)	(see footnotes 6, 7)	—	—	(see footnotes 6, 7)	—
wall thickness (insert)	—	24 h	24 h	24 h	24 h	24 h	—
all other required insert dimensions	—	—	weekly	—	—	weekly	—
excessive	—	—	annually	—	—	annually	—

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Table 11 – Fittings for PE, PEX and PB tubing test frequency

Test	PB fittings	Insert fittings PE pipe	Insert fittings PB tubing	Electro-fusion PE fittings	Butt heat fusion PE fittings	Fittings for PEX tubing	Socket-type PE fittings
temperature and pressure capability							
impact ³	—	—	—	weekly ³	—	—	—
joint crush	—	—	—	weekly	—	—	—
short term rupture strength ⁴	—	—	—	—	weekly	—	weekly
short term strength ⁵	—	—	—	—	weekly	—	—
sustained pressure	annually	—	annually	—	annually	annually	annually
tensile	—	—	—	weekly	—	—	—
thermocycling	annually	—	annually	—	—	annually	—
product standards	ASTM D3309	ASTM D2609	ASTM F845 ASTM F4380 CSA B137.8	ASTM F1055	ASTM D3261	ASTM F877 ASTM F1807 ASTM F1960 ASTM F1961 CSA B137.5 ASTM F2080 ASTM F2098 ASTM F2159	ASTM D2683

¹ Metal fittings, Polysulfone, Polyphenylsulfone or Polysulfone/Polyphenylsulfone blends need only be tested annually for burst pressure.

² Plug gauges are permitted, provided that the mold has been qualified by complete dimensioning and performance of appropriate testing on all products from all mold cavities to verify compliance with the referenced standard.

³ Applies only to tapping saddles.

⁴ Applies to fittings 2 in to 12 in and 90 mm to 315 mm nominal diameter.

⁵ Applies to form fittings 14 in to 48 in and 355 mm to 1600 mm nominal diameter.

⁶ Applies only to molded fittings.

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Table 11 – Fittings for PE, PEX and PB tubing test frequency

Test	PB fittings	Insert fittings PE pipe	Insert fittings PB tubing	Electro-fusion PE fittings	Butt heat fusion PE fittings	Fittings for PEX tubing	Socket-type PE fittings
⁷ Socket depth and thread length are only required to be verified at the time a new tool is “qualified” or when new or repaired cores are made.							

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Note – New changes in this revision are shown with underline.

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IAPMO/ANSI Z1033-2013e1. *Flexible PVC Hoses and Tubing for Pools, Hot Tubs, Spas, and Jetted Bathtubs*¹

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3.2 Material formulation

Materials intended to be in contact with swimming pool or spa/hot tub water shall not impart undesirable levels of contaminants or color to the water, as determined in accordance with Annex A. The following items are exempt from the material review procedures described in Annex A:

- swimming pool and spa/hot tub components with a surface area less than 100 in² (650 cm²) in direct contact with water;
- swimming pool components with a mass less than 1.4 oz (40 g);
- spa/hot tub components with a mass less than 0.07 oz (2 g);
- components made entirely from materials acceptable for use as a direct or indirect food additive in accordance with 21 CFR 170-199 (Food and Drugs);
- ~~class B cast iron;~~
- ~~grades A36, A516GR70, A53GRB, A106, A105B16 carbon steel;~~
- glass (virgin, not recycled);
- series AISI 200, 300 and 400 stainless steel;
- titanium alloy grade 1 and 2;
- coatings and components made from materials acceptable for use in contact with potable water in accordance with NSF/ANSI 14 (potable water material requirements), NSF/ANSI 42, NSF/ANSI 51, or NSF/ANSI 61. In order to be qualified under NSF/ANSI 14, 42 or 61, the surface area to water volume ratio of the intended use conditions should meet the requirements of NSF/ANSI 61 when evaluated to the total allowable concentration (TAC) requirements of the standard; and
- treatment chemicals that conform to the requirements of NSF/ANSI 60.

Materials listed under the United States Code of Federal Regulations, Title 21 (Food and Drugs) Part 189 Substances prohibited for use in Human Food, shall not be permitted as ingredients within material contacting pool, spa, and/or hot tub water. This includes arsenic, beryllium, cadmium, mercury, or thallium. Lead should also not be used as an intentional ingredient in any water contact material except for products meeting the US Safe Drinking Water Act definition of lead free ($\leq 0.25\%$ weighted average lead content).

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¹ IAPMO, 5001 E. Philadelphia St. Ontario, CA 91761 <www.iapmo.org>

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4.5 PVC Hose

Helix or fabric reinforced flexible PVC hose, for use on circulation piping in pools, hot tubs, spas, and jetted bathtub units, shall comply with the following:

- ~~IAPMO PS-33~~ IAPMO/ANSI Z1033;
- the material requirements of 3; and
- Annex B, section B.1.5 after a 20,000 cycle strength test conducted in accordance with Annex B, section B.1.4.

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BSR/UL 867, Standard for Electrostatic Air Cleaners**1. Addition of requirements for household appliances incorporating button or coin cell batteries****PROPOSAL****4A.12 Button or coin cell batteries**

4A.12.1 An appliance, or any accessory of the appliance such as a wireless control, intended for use with one or more single cell batteries, shall comply with 4A.12.2 if the batteries are sized with a maximum:

- a) Diameter of 1.25 inch (32 mm); and
- b) Height that is less than its diameter.

4A.12.2 An appliance for household use and provided with one or more batteries as specified in 4A.12.1 shall comply with the Standard for Products Incorporating Button or Coin Cell Batteries of Lithium Technologies, UL 4200A or be intended for one of the following:

- a) Countertop use only;
- b) Fixed installation and with the batteries located at a height not less than 4 feet (1.2 m) above the floor; or
- c) Use where the batteries are not intended to be replaced and are not referenced in the appliance markings or in any instructions provided with the appliance.

2. Addition of grounding symbol**PROPOSAL**

12.1.5.5 A pressure wire connector intended for connection of an equipment-grounding conductor shall be plainly identified, such as by being marked "G," "GR," "Ground," "Grounding," the grounding symbol (from IEC 60417, Symbol 5019) as illustrated in Figure 12.1 or the like, or by a marking on a wiring diagram provided on the product. The pressure wire connector shall be located so that is unlikely to be removed during normal servicing of the product.

Figure 12.1**Grounding symbol**

BSR/UL 2129, Standard for Safety for Halocarbon Clean Agent Fire Extinguishers

1. Quality Specification

PROPOSAL

22.2 Halocarbon clean agents shall comply with the published ASTM quality specification, or equivalent ~~Table 4~~. Clean agent blends shall remain homogeneous throughout the specified storage temperature range.

Table 4

Halocarbon clean agent quality requirements

Mole percent, minimum	Acidity, ppm (by weight HCl equivalent), maximum	Water content, percent by weight, maximum	Nonvolatile residues, grams/100mL, maximum
99.0	3.0	0.002	0.05

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