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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 3, 2017

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

Addenda

BSR/ASHRAE/IES Addendum 100c-201x, Energy Efficiency in Existing Buildings (addenda to ANSI/ASHRAE/IES Standard 100-2015)

This proposed addendum clarifies the energy audit requirements for buildings without energy targets by making it clear when a level 1 audit can be used to comply with the standard.

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

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

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

Addenda

BSR/ASHRAE/IES Addendum 100d-201x, Energy Efficiency in Existing Buildings (addenda to ANSI/ASHRAE/IES Standard 100-2015)

This proposed addendum provides an informative annex that provides additional guidance on selecting the appropriate building type.

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

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

AWS (American Welding Society)

Revision

BSR/AWS A5.11/A5.11M-201X, Specification for Nickel and Nickel-Alloy Welding Electrodes for Shielded Metal Arc Welding (revision of ANSI/AWS A5.11/A5.11M-2010)

This specification prescribes requirements for the classification of nickel- and nickel-alloy-covered electrodes for shielded metal arc welding. It includes those compositions in which the nickel content generally exceeds that of any other element.

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

Send comments (with copy to psa@ansi.org) to: Rakesh Gupta, (305) 443-9353, gupta@aws.org

NSF (NSF International)

Revision

BSR/NSF 60-201x (i77r1), Drinking Water Treatment Chemicals (revision of ANSI/NSF 60-2016)

This Standard establishes minimum health effects requirements for the chemicals, the chemical contaminants, and the impurities that are directly added to drinking water from drinking water treatment chemicals. This Standard does not establish performance or taste and odor requirements for drinking water treatment chemicals.

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

Send comments (with copy to psa@ansi.org) to: Monica Leslie, (734) 827-5643, mleslie@nsf.org

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 10D-201x, Standard for Safety for Fire Tests of Fire Protective Curtain Assemblies (revision of ANSI/UL 10D-2014)

Document dated 08-04-17 recirculates changes that were originally proposed on 03-10-17.

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

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 355-201X, Standard for Safety for Cord Reeds (Proposal dated 8/4/17) (revision of ANSI/UL 355-2011 (R2016))

Addition of requirements for supplementary class 2 circuits such as a USB port, new 14.2.

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

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 875-201x, Standard for Safety for Electric Dry-Bath Heaters (revision of ANSI/UL 875-2016)

This updates the requirements for coin cell batteries.

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

Send comments (with copy to psa@ansi.org) to: Grace Roh, (919) 549-1389, Grace.Roh@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1278-201x, Standard for Safety for Movable and Wall- or Ceiling-Hung Electric Room Heaters (revision of ANSI/UL 1278-2016)

(1) Product enclosures; (2) Cautionary mark.

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

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

UL (Underwriters Laboratories, Inc.)

Revision

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

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

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

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

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

BSR/UL 4248-1-201x, Standard for Safety for Fuseholders - Part 1: General Requirements (revision of ANSI/UL 4248-1-2013)

(1) Withstand rating on supplemental fuseholders. (2) Clarification of the insulating material requirements in Table 7.1 of Clause 7.2. (4) Addition of requirements for "Specific Use Fuseholders."

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

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

Comment Deadline: September 18, 2017**AAMI (Association for the Advancement of Medical Instrumentation)****Reaffirmation**

BSR/AAMI/ISO 13408-7-2012 (R201x), Aseptic processing of health care products - Part 7: Alternative processes for atypical medical devices and combination products (reaffirmation of ANSI/AAMI/ISO 13408-7-2012)

Specifies the requirements for, and offers guidance on, processes, programmes and procedures for procurement, development, validation, routine control of the manufacturing process and transport for aseptically processed cell based medical products (CBMP), especially tissue engineering products (TEPs) whose biological properties have to be kept intact to maintain their efficacy as a medical device and/or medicinal product.

Single copy price: \$84.00 (AAMI members)/\$148.00 (list)

Obtain an electronic copy from: <http://my.aami.org/store/detail.aspx?id=1340807-PDF>

Order from: Jennifer Moyer, (703) 253-8274, jmoyer@aami.org

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

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

BSR/ASHRAE Standard 32.2-201x, Methods of Testing for Rating Pre-Mix and Post-Mix Beverage Dispensing Equipment (revision of ANSI/ASHRAE Standard 32.2-2003 (R2011))

ASHRAE Standard 32.2-2003R specifies uniform methods of testing for rating the capacity and energy efficiency of pre-mix and post-mix beverage dispensing equipment.

Single copy price: \$35.00

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

Order from: standards.section@ashrae.org

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

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

BSR/ASSE A10.1-2011 (R201X), Pre-Project & Pre-Task Safety and Health Planning (reaffirmation of ANSI/ASSE A10.1-2011)

This standard establishes the elements and activities for pre-project and pre-task safety and health planning in construction.

Single copy price: \$80.00

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 A10.13-2011 (R201X), Safety Requirements for Steel Erection (reaffirmation of ANSI/ASSE A10.1-2011)

This standard establishes safety requirements for erecting, handling, fitting, fastening, reinforcing and dismantling of structural steel, plate steel, steel joist and metal deck at a final in-place field site during construction, maintenance and dismantling operations.

Single copy price: \$80.00

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 A10.15-1995 (R201X), Safety Requirements for Dredging (reaffirmation of ANSI/ASSE A10.15-1995 (R2011))

This standard applies to Construction Dredging Operations.

Single copy price: \$80.00

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 A10.22-2007 (R201X), Safety Requirements for Rope-Guided & Non-Guided Workers' Hoists (reaffirmation of ANSI/ASSE A10.22-2007 (R2012))

This standard establishes minimum safety requirements for temporary personnel hoisting systems used for the transportation of persons to and from working elevations during normal construction and demolition operations, including maintenance, and is restricted to use in special situations.

Single copy price: \$80.00

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 A10.39-1996 (R201X), Construction Safety & Health Audit Program (reaffirmation of ANSI/ASSE A10.39-1996 (R2011))

This standard identifies the minimum performance elements that, when properly utilized, will allow for a competent evaluation of a construction safety and health program. Further, it will identify those areas where systems, records, and performance elements are required in order to produce a quality audit.

Single copy price: \$80.00

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 A10.42-2000 (R201X), Safety Requirements for Rigging Qualifications and Responsibilities (reaffirmation of ANSI/ASSE A10.42-2000 (R2010))

This standard establishes minimum criteria of knowledge and performance requirements for a qualified rigger in the construction industry. It is designed to assist in achieving reasonable safety of all persons and materials during the process of, or as the result of, rigging, lifting, or moving of loads.

Single copy price: \$80.00

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

ASTM (ASTM International)**New Standard**

BSR/ASTM WK55841-201x, Specification for Impact Attenuation of Turf Playing Systems as Measured in the Field (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F539-2002 (R201x), Practice for Fitting Athletic Footwear (reaffirmation of ANSI/ASTM F539-2002 (R2011))

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F1833-1997 (R201x), Test Method for Comparison of Rearfoot Motion Control Properties of Running Shoes (reaffirmation of ANSI/ASTM F1833-1997 (R2011))

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F1900-1998 (R201x), Test Method for Water Resistance of Footwear Using a Walking Step Simulator (reaffirmation of ANSI/ASTM F1900-1998 (R2012))

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F2333-2004 (R201x), Test Method for Traction Characteristics of the Athletic Shoe-Sports Surface Interface (reaffirmation of ANSI/ASTM F2333-2004 (R2011))

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM D1494-201x, Test Method for Diffuse Light Transmission Factor of Reinforced Plastics Panels (revision of ANSI/ASTM D1494-2012)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM D2517-201x, Specification for Reinforced Epoxy Resin Gas Pressure Pipe and Fittings (revision of ANSI/ASTM D2517-2006 (R2011))

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM D2924-201x, Test Method for External Pressure Resistance of Fiberglass (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe (revision of ANSI/ASTM D2924-2012)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM D2992-201x, Practice for Obtaining Hydrostatic or Pressure Design Basis for Fiberglass (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe and Fittings (revision of ANSI/ASTM D2992-2012)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM D3567-201x, Practice for Determining Dimensions of Fiberglass (Glass-Fiber-Reinforced Thermosetting Resin) Pipe and Fittings (revision of ANSI/ASTM D3567-1997 (R2011))

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM D4551-201x, Specification for Poly(Vinyl Chloride) (PVC) Plastic Flexible Concealed Water-Containment Membrane (revision of ANSI/ASTM D4551-2012)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM D5319-201x, Specification for Glass-Fiber Reinforced Polyester Wall and Ceiling Panels (revision of ANSI/ASTM D5319-2012)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM D5685-201x, Specification for Fiberglass (Glass-Fiber-Reinforced Thermosetting-Resin) Pressure Pipe Fittings (revision of ANSI/ASTM D5685-2011)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM D7445-201x, Specification for Rigid Poly(Vinyl Chloride) (PVC) Siding with Foam Plastic Backing (Backed Vinyl Siding) (revision of ANSI/ASTM D7445-2017)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F355-201x, Test Method for Impact Attenuation of Playing Surface Systems, Other Protective Sport Systems, and Materials Used for Athletics, Recreation and Play (revision of ANSI/ASTM F355-2016)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F558-201x, Test Method for Measuring Air Performance Characteristics of Vacuum Cleaners (revision of ANSI/ASTM F558-2017)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F820-201x, Test Method for Measuring Air Performance Characteristics of Central Vacuum Cleaning Systems (revision of ANSI/ASTM F820-2016)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F888-201x, Test Method for Measuring Maximum Function Volume of the Primary Dirt Receptacle in a Vacuum Cleaner (revision of ANSI/ASTM F888-2011)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F1292-201x, Specification for Impact Attenuation of Surfacing Materials Within the Use Zone of Playground Equipment (revision of ANSI/ASTM F1292-2017)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F1720-201x, Test Method for Measuring Thermal Insulation of Sleeping Bags Using a Heated Manikin (revision of ANSI/ASTM F1720-2014)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F1849-201x, Specification for Helmets Used in Short Track Speed Ice Skating (Not to Include Hockey) (revision of ANSI/ASTM F1849-2007 (R2012))

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F2040-201x, Specification for Helmets Used for Recreational Snow Sports (revision of ANSI/ASTM F2040-2011)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F2105-201x, Test Method for Measuring Air Performance Characteristics of Vacuum Cleaner Motor/Fan Systems (revision of ANSI/ASTM F2105-2016)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F2439-201x, Specification for Headgear Used in Soccer (revision of ANSI/ASTM F2439-2011 (R2016))

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F2680-201x, Specification for Manually Operated Front Wheel Retention Systems for Bicycles (revision of ANSI/ASTM F2680-2009 (R2014))

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Withdrawal**

ANSI/ASTM F429-2010, Test Method for Shock-Attenuation Characteristics of Protective Headgear for Football (withdrawal of ANSI/ASTM F429-2010)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Withdrawal**

ANSI/ASTM F717-2010, Specification for Football Helmets (withdrawal of ANSI/ASTM F717-2010)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

AWS (American Welding Society)**Revision**

BSR/AWS G2.3M/G2.3-201x, Guide for the Joining of Solid Solution Austenitic Stainless Steels (revision of ANSI/AWS G2.3M/G2.3-2012)

This guide presents a description of solid solution austenitic stainless steels and the processes and procedures that can be used for the joining of these materials. This standard discusses the welding processes and welding parameters, qualifications, inspection and repair methods, cleaning, and safety considerations.

Single copy price: \$46.00

Obtain an electronic copy from: sbarrera@aws.org

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

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

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

BSR/AWWA B301-201x, Liquid Chlorine (revision of ANSI/AWWA B301-2010)

This standard describes liquid chlorine for use in potable water, wastewater, and reclaimed water treatment.

Single copy price: Free

Obtain an electronic copy from: ETSsupport@awwa.org

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

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

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

BSR/AWWA B408-201x, Liquid Polyaluminum Chloride (revision of ANSI/AWWA B408-2010)

This standard describes polyaluminum chloride (PACl) in aqueous (liquid) form for use in the treatments of potable water, wastewater, and reclaimed water.

Single copy price: Free

Obtain an electronic copy from: ETSsupport@awwa.org

Order from: Vicki David, (303) 347-3431, vdavid@awwa.org

Send comments (with copy to psa@ansi.org) to: Paul Olson, (303) 347-6178, polson@awwa.org; vdavid@awwa.org

ECIA (Electronic Components Industry Association)**New Standard**

BSR/EIA 200-B-201x, Circular Waveguides and Flanges (new standard)

This standard pertains exclusively to circular waveguides. This standard does not apply to any semi-flexible transmission lines or connectors. It is the intent of this standard to provide complete mechanical interchangeability for all lines.

Single copy price: \$100.00

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

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

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

ECIA (Electronic Components Industry Association)**New Standard**

BSR/EIA 261-C-201x, Rectangular Waveguides (WR2 to WR2300) (new standard)

This standard gives specifications for rectangular waveguides.

Single copy price: \$100.00

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

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

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

ECIA (Electronic Components Industry Association)**New Standard**

BSR/EIA 364-117-201x, Dielectric Breakdown Voltage Test Procedure for Electrical Connectors, Sockets and Coaxial Contacts (new standard)

The object of this test is to describe a method for measuring the dielectric breakdown voltage.

Single copy price: \$65.00

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

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

ECIA (Electronic Components Industry Association)**Revision**

BSR/EIA 364-10G-201x, Fluid Immersion Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-10F-2014)

This standard establishes test methods to determine the ability of an electrical connector or connector assembly to resist degradation due to exposure to specific fluids with which the connector assembly may come into contact during its service life.

Single copy price: \$78.00

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

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

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

MHI (Material Handling Industry)**Revision**

BSR/MHI ICWM-201x, Vocabulary, Performance and Testing Requirements for Casters and Wheels (revision of ANSI/MHI ICWM-2012)

This standard provides manufacturers, specifiers, and users with a common basis for evaluating the safety, durability, structural adequacy, and technical requirements for group-specific casters and wheels. The standard defines industry terms, specific tests, equipment/methods that can be used, the conditions of tests, and minimum acceptance levels to be used in evaluating these products.

Single copy price: \$50.00

Obtain an electronic copy from: pdavison@mhi.org

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

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

SCTE (Society of Cable Telecommunications Engineers)**Revision**

BSR/SCTE 67-201x, Recommended Practice for Digital Program Insertion for Cable (revision of ANSI/SCTE 67-2014)

This document is an informational companion to SCTE 35. It is not in itself a specification or a standard. The information within is intended as guideline information. Where this document contradicts SCTE 35, SCTE 35 takes precedence.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

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

TIA (Telecommunications Industry Association)**Revision**

BSR/TIA 570-D-201x, Residential Telecommunications Infrastructure Standard (revision and redesignation of ANSI/TIA 570-C-2012)

This Standard applies to telecommunications premises cabling systems and the related pathways and spaces for single- and multi-dwelling residential buildings. It applies to the telecommunications cabling within or between structures and includes the cabling within a single-dwelling unit and the backbone cabling. It specifies cabling intended to support a wide range of telecommunications applications in the residential environment including voice, data, video, security, audio, and control systems.

Single copy price: \$133.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: TIA; standards@tiaonline.org

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

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

BSR/UL 242-2004 (R201x), Standard for Safety for Nonmetallic Containers for Waste Paper (reaffirmation of ANSI/UL 242-2004 (R2013))

The standard covers portable, nonmetallic containers for waste paper, with a capacity of 8 gallons (30 L) or less, intended primarily for temporary, indoor storage of waste paper and other similar materials. These containers are intended to be emptied regularly and their contents disposed of.

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: Jeff Prusko, (847) 664-3416, jeffrey.prusko@ul.com

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

BSR/UL 525-2008 (R201x), Standard for Safety for Flame Arresters (reaffirmation of ANSI/UL 525-2008 (R2012))

The Standard covers tank vent deflagration flame arresters and in-line detonation flame arresters for use on vents of storage tanks for petroleum oil and gasoline and for use in piping systems containing flammable vapors and gases in mixture with air.

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: Jeff Prusko, (847) 664-3416, jeffrey.prusko@ul.com

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

BSR/UL 1315-2003 (R201x), Standard for Safety for Metal Waste Paper Containers (reaffirmation of ANSI/UL 1315-2003 (R2012))

This standard covers metal receptacles intended primarily for temporary, indoor storage of waste paper and other similar materials. These containers are intended to be emptied regularly and their contents disposed of.

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: Jeff Prusko, (847) 664-3416, jeffrey.prusko@ul.com

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

BSR/UL 1917-2013 (R201x), Standard for Safety for Solid-State Fan Speed Controls (reaffirmation of ANSI/UL 1917-2013)

Administratively update the ANSI approval of the Standard and no technical changes are being proposed, nor have any been made since the date of the last approval.

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: Alan McGrath, (847) 664-3038, alan.t.mcgrath@ul.com

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

BSR/UL 294-201x, Standard for Safety for Access Control System Units (revision of ANSI/UL 294-2013)

Document dated 8-4-2017 proposes the seventh edition of UL 294 that includes new requirements for controlled and delayed egress equipment and systems operation, single-point locking devices, lithium batteries, nonrechargeable (primary) dry-cell batteries, rechargeable storage-type batteries used as a secondary power source, and other updates and clarifications.

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: Griff Edwards, 919 549-0956, griff.edwards@ul.com

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

BSR/UL 8750-201X, Standard for Safety for Light Emitting Diode (LED) Equipment for Use in Lighting Products (revision of ANSI/UL 8750-2016)

The following changes in requirements to the Standard for Light Emitting Diode (LED) Equipment for Use in Lighting Products, UL 8750, are being proposed: (1) Add requirements for conduit-connected enclosures.

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: Heather Sakellariou, (847) 664-2346, Heather.Sakellariou@ul.com

Comment Deadline: October 3, 2017**ASME (American Society of Mechanical Engineers)****Reaffirmation**

BSR/ASME B89.1.6-2002 (R201x), Measurement of Plain Internal Diameter for Use as Master Ring or Ring Gauges (reaffirmation of ANSI/ASME B89.1.6-2002 (R2012))

This Standard is intended to establish uniform practices for the measurement of master rings or ring gages using horizontal methods.

Single copy price: \$36.00

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

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

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

New National Adoption

INCITS/ISO/IEC 18180:2014 [201x], Information technology - Specification for the Extensible Configuration Checklist Description Format (XCCDF) Version 1.2 (identical national adoption of ISO/IEC 18180:2014)

Specifies the data model and Extensible Markup Language (XML) representation for the Extensible Configuration Checklist Description Format (XCCDF) Version 1.2. An XCCDF document is a structured collection of security configuration rules for some set of target systems. The XCCDF specification is designed to support information interchange, document generation, organizational and situational tailoring, automated compliance testing, and scoring. ISO/IEC 18180:2013 also defines a data model and format for storing results of security guidance or checklist testing. The intent of XCCDF is to provide a uniform foundation for expression of security checklists and other configuration guidance, and thereby foster more widespread application of good security practices.

Single copy price: \$265.00

Obtain an electronic copy from: <http://webstore.ansi.org/>

Order from: <http://webstore.ansi.org/>

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

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

New National Adoption

INCITS/ISO/IEC 19464:2014 [201x], Information technology - Advanced Message Queuing Protocol (AMQP) v1.0 specification (identical national adoption of ISO/IEC 19464:2014)

Defines the Advanced Message Queuing Protocol (AMQP), an open internet protocol for business messaging. It defines a binary wire-level protocol that allows for the reliable exchange of business messages between two parties. AMQP has a layered architecture and the specification is organized as a set of parts that reflects that architecture.

Single copy price: \$265.00

Obtain an electronic copy from: <http://webstore.ansi.org/>

Order from: <http://webstore.ansi.org/>

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

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

New National Adoption

INCITS/ISO/IEC 19510:2013 [201x], Information technology - Object Management Group Business Process Model and Notation (identical national adoption of ISO/IEC 19510:2013)

Provide a notation that is readily understandable by all business users, from the business analysts that create the initial drafts of the processes, to the technical developers responsible for implementing the technology that will perform those processes, and finally, to the business people who will manage and monitor those processes. Thus, ISO/IEC 19510:2013 creates a standardized bridge for the gap between the business process design and process implementation.

Single copy price: \$265.00

Obtain an electronic copy from: <http://webstore.ansi.org/>

Order from: <http://webstore.ansi.org/>

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

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

New National Adoption

INCITS/ISO/IEC 19678:2015 [201x], Information Technology - BIOS Protection Guidelines (identical national adoption of ISO/IEC 19678:2015)

Provides requirements and guidelines for preventing the unauthorized modification of Basic Input/Output System (BIOS) firmware on PC client systems. Unauthorized modification of BIOS firmware by malicious software constitutes a significant threat because of the BIOS's unique and privileged position within the PC architecture. A malicious BIOS modification could be part of a sophisticated, targeted attack on an organization - either a permanent denial of service (if the BIOS is corrupted) or a persistent malware presence (if the BIOS is implanted with malware).

Single copy price: \$123.00

Obtain an electronic copy from: <http://webstore.ansi.org/>

Order from: <http://webstore.ansi.org/>

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

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

New National Adoption

INCITS/ISO/IEC 19831:2015 [201x], Cloud Infrastructure Management Interface (CIMI) Model and RESTful HTTP-based Protocol - An Interface for Managing Cloud Infrastructure (identical national adoption of ISO/IEC 19831:2015)

Describes the model and protocol for management interactions between a cloud Infrastructure as a Service (IaaS) Provider and the Consumers of an IaaS service. The basic resources of IaaS (machines, storage, and networks) are modeled with the goal of providing Consumer management access to an implementation of IaaS and facilitating portability between cloud implementations that support the specification. This document specifies a Representational State Transfer (REST)-style protocol using HTTP. However, the underlying model is not specific to HTTP, and it is possible to map it to other protocols as well.

Single copy price: \$265.00

Obtain an electronic copy from: <http://webstore.ansi.org/>

Order from: <http://webstore.ansi.org/>

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

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

New National Adoption

INCITS/ISO/IEC 20919:2016 [201x], Information technology - Linear Tape File System (LTFS) Format Specification (identical national adoption of ISO/IEC 20919:2016)

Defines the LTFS format requirements for interchanged media that claims LTFS compliance. Those requirements are specified as the size and sequence of data blocks and file marks on the media, the content and form of special data constructs (the LTFS Label and LTFS Index), and the content of the partition labels and use of MAM parameters. The data content (not the physical media) of the LTFS format shall be interchangeable among all data storage systems claiming conformance to this format. Physical media interchange is dependent on compatibility of physical media and the media access devices in use. Does not contain instructions or tape command sequences to build the LTFS structure.

Single copy price: \$240.00

Obtain an electronic copy from: <http://webstore.ansi.org/>

Order from: <http://webstore.ansi.org/>

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 62-201X, Standard for Safety for Flexible Cords and Cables
(Proposals dated 8/4/17) (revision of ANSI/UL 62-2014)

Proposed 20th edition of Flexible Cords and Cables, UL 62.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: Comm2000, 151 Eastern Avenue, Bensenville, IL 60106 USA 1
-888-853-3503

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 486A-486B-201x, Standard for Safety for Wire Connectors (revision
of ANSI/UL 486A-486B-2016)

This Standard applies to single-polarity connectors for use with all alloys of
copper or aluminum, or copper-clad aluminum conductors, or all three, for
providing contacts between current-carrying parts, in accordance with the
Canadian Electrical Code, Part I, C22.1, in Canada; the National Electrical
Code, NFPA-70, in the United States of America; or the Standard for
Electrical Installations, NOM-001-SEDE, in Mexico.

Single copy price: \$Contact the UL Sales Site for pricing and delivery options

Obtain an electronic copy from: www.shopulstandards.com

Order from: www.shopulstandards.com

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 4248-12-201x, Standard for Safety for Fuseholders - Part 12: Class
R (revision of ANSI/UL 4248-12-2007 (R2012))

These requirements cover fuseholders intended for use with Class R Fuses
as described in NMX-J-009/248/12-2000-ANCE, CSA C22.2 No. 248.12, UL
248-12, Low-Voltage Fuses - Part 12: Class R Fuses.

Single copy price: \$Contact the UL Sales Site for pricing and delivery options

Obtain an electronic copy from: www.shopulstandards.com

Order from: www.shopulstandards.com

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

Call for Members (ANS Consensus Bodies)

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

AAMI (Association for the Advancement of Medical Instrumentation)

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

Contact: *Jennifer Moyer*

Phone: (703) 253-8274

Fax: (703) 276-0793

E-mail: jmoyer@aami.org

BSR/AAMI/ISO 13408-7-2012 (R201x), Aseptic processing of health care products - Part 7: Alternative processes for atypical medical devices and combination products (reaffirmation of ANSI/AAMI/ISO 13408-7-2012)

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 A10.1-2011 (R201X), Pre-Project & Pre-Task Safety and Health Planning (reaffirmation of ANSI/ASSE A10.1-2011)

BSR/ASSE A10.13-2011 (R201X), Safety Requirements for Steel Erection (reaffirmation of ANSI/ASSE A10.1-2011)

BSR/ASSE A10.15-1995 (R201X), Safety Requirements for Dredging (reaffirmation of ANSI/ASSE A10.15-1995 (R2011))

BSR/ASSE A10.17-2006 (R201X), Safe Operating Practices for Hot Mix Asphalt (HMA) Construction (new standard)

BSR/ASSE A10.22-2007 (R201X), Safety Requirements for Rope-Guided and Non-Guided Workers' Hoists (reaffirmation of ANSI/ASSE A10.22-2007 (R2012))

BSR/ASSE A10.39-1996 (R201X), Construction Safety & Health Audit Program (reaffirmation of ANSI/ASSE A10.39-1996 (R2011))

BSR/ASSE A10.42-2000 (R201X), Safety Requirements for Rigging Qualifications & Responsibilities (reaffirmation of ANSI/ASSE A10.42-2000 (R2010))

B11 (B11 Standards, Inc.)

Office: PO Box 690905
Houston, TX 77269-0905

Contact: *David Felinski*

Phone: (832) 446-6999

E-mail: dfelinski@b11standards.org

BSR/B11.TR8-201x, Maintenance of Safety-Related Components of Machines (new standard)

ECIA (Electronic Components Industry Association)

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

Contact: *Laura Donohoe*

Phone: (571) 323-0294

Fax: (571) 323-0245

E-mail: ldonohoe@ecianow.org

BSR/EIA 200-B-201x, Circular Waveguides and Flanges (new standard)

BSR/EIA 364-09D-201x, Durability Test Procedure for Electrical Connectors and Contacts (revision and redesignation of ANSI/EIA 364-09C-1999 (R2012))

BSR/EIA 364-10G-201x, Fluid Immersion Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-10F-2014)

BSR/EIA 364-117-201x, Dielectric Breakdown Voltage Test Procedure for Electrical Connectors, Sockets and Coaxial Contacts (new standard)

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

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

Contact: *Lynn Barra*

Phone: (202) 737-8888

Fax: (202) 638-4922

E-mail: comments@standards.incits.org

INCITS/ISO/IEC 14651:2016 [201x], Information technology - International string ordering and comparison - Method for comparing character strings and description of the common template tailorable ordering (identical national adoption of ISO/IEC 14651:2016 and revision of INCITS/ISO/IEC 14651:2011 [2012] and INCITS/ISO/IEC 14651:2011/Amd 1:2013)

INCITS/ISO/IEC 18180:2014 [201x], Information technology -
Specification for the Extensible Configuration Checklist Description
Format (XCCDF) Version 1.2 (identical national adoption of ISO/IEC
18180:2014)

INCITS/ISO/IEC 19464:2014 [201x], Information technology - Advanced
Message Queuing Protocol (AMQP) v1.0 specification (identical
national adoption of ISO/IEC 19464:2014)

INCITS/ISO/IEC 19510:2013 [201x], Information technology - Object
Management Group Business Process Model and Notation (identical
national adoption of ISO/IEC 19510:2013)

INCITS/ISO/IEC 19678:2015 [201x], Information Technology - BIOS
Protection Guidelines (identical national adoption of ISO/IEC
19678:2015)

INCITS/ISO/IEC 19831:2015 [201x], Cloud Infrastructure Management
Interface (CIMI) Model and RESTful HTTP-based Protocol - An
Interface for Managing Cloud Infrastructure (identical national
adoption of ISO/IEC 19831:2015)

INCITS/ISO/IEC 20919:2016 [201x], Information technology - Linear
Tape File System (LTFS) Format Specification (identical national
adoption of ISO/IEC 20919:2016)

NSF (NSF International)

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

Contact: *Monica Leslie*

Phone: (734) 827-5643

Fax: (734) 827-7880

E-mail: mleslie@nsf.org

BSR/NSF 60-201x (i77r1), Drinking Water Treatment Chemicals
(revision of ANSI/NSF 60-2016)

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 102.AABA-C-201x, Project 25 - Trunking Overview - Digital
Radio Technical Standards (revision and redesignation of ANSI/TIA
102.AABA-B-2011)

BSR/TIA 570-D-201x, Residential Telecommunications Infrastructure
Standard (revision and redesignation of ANSI/TIA 570-C-2012)

Call for Members (ANS Consensus Bodies)

Call for Committee Members

ASC O1 – Safety Requirements for Woodworking Machinery

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

- General Interest
- Government
- Producer
- User

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

Final Actions on American National Standards

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

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

ANSI/AAMI/ISO 11138-1-2017, Sterilization of health care products - Biological indicators - Part 1: General requirements (identical national adoption of ISO/FDIS 11138-1 and revision of ANSI/AAMI/ISO 11138-1-2006 (R2015)): 8/1/2017

ANSI/AAMI/ISO 11138-2-2017, Sterilization of health care products - Biological indicators - Part 2: Biological indicators for ethylene oxide sterilization processes (identical national adoption of ISO/FDIS 11138-2 and revision of ANSI/AAMI/ISO 11138-2-2006 (R2015)): 8/1/2017

ANSI/AAMI/ISO 11138-3-2017, Sterilization of health care products - Biological indicators - Part 3: Biological indicators for moist heat sterilization processes (identical national adoption of ISO/FDIS 11138-3 and revision of ANSI/AAMI/ISO 11138-3-2006 (R2015)): 8/1/2017

ANSI/AAMI/ISO 11138-4-2017, Sterilization of health care products - Biological indicators - Part 4: Biological indicators for dry heat sterilization processes (identical national adoption of ISO/FDIS 11138-4 and revision of ANSI/AAMI/ISO 11138-4-2006 (R2015)): 8/1/2017

ANSI/AAMI/ISO 11138-5-2017, Sterilization of health care products - Biological indicators - Part 5: Biological indicators for low-temperature steam and formaldehyde sterilization processes (identical national adoption of ISO/FDIS 11138-5 and revision of ANSI/AAMI/ISO 11138-5-2006 (R2015)): 8/1/2017

Revision

ANSI/AAMI/ISO 16142-2-2017, Medical devices - Recognized essential principles of safety and performance of medical devices - Part 2: General essential principles and additional specific essential principles for all IVD medical devices and guidance on the selection of standards (revision and partition of ISO 16142): 7/31/2017

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

Addenda

ANSI/ASHRAE/ICC/USGBC/IES 189.1ai-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014): 8/1/2017

ANSI/ASHRAE/ICC/USGBC/IES 189.1bx-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014): 8/1/2017

ANSI/ASHRAE/ICC/USGBC/IES 189.1al-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014): 8/1/2017

ANSI/ASHRAE/ICC/USGBC/IES 189.1bd-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014): 8/1/2017

ANSI/ASHRAE/ICC/USGBC/IES 189.1bn-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014): 8/1/2017

ANSI/ASHRAE/ICC/USGBC/IES 189.1bw-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014): 8/1/2017

ANSI/ASHRAE/ICC/USGBC/IES 189.1ch-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014): 8/1/2017

ANSI/ASHRAE/ICC/USGBC/IES 189.1cl-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014): 8/1/2017

ANSI/ASHRAE/ICC/USGBC/IES 189.1r-2017, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2014): 8/1/2017

ANSI/ASHRAE/IES 202a-2017, Commissioning Process for Buildings and Systems (addenda to ANSI/ASHRAE/IES Standard 202-2013): 8/1/2017

ASME (American Society of Mechanical Engineers)

Revision

ANSI/ASME B30.16-2017, Overhead Underhung and Stationary Hoists (revision of ANSI/ASME B30.16-2012): 7/28/2017

ASQ (American Society for Quality)

Reaffirmation

ANSI/ASQ S3-2012 (R2017), An attribute chain sampling program (reaffirmation of ANSI/ASQ S3-2012): 7/28/2017

Withdrawal

ANSI/ASQ S1-2012, An attribute skip-lot sampling program (withdrawal of ANSI/ASQ S1-2012): 7/28/2017

AWS (American Welding Society)

Revision

ANSI/AWS D17.1/D17.1M-2017, Specification for Fusion Welding for Aerospace Applications (revision of ANSI/AWS D17.1/D17.1M-2010): 7/28/2017

BPI (Building Performance Institute)

Revision

* ANSI/BPI-1200-T-2017, Standard Practice for Basic Analysis of Buildings (revision of ANSI/BPI-1200-S-2015): 7/31/2017

IEEE (Institute of Electrical and Electronics Engineers)

New Standard

ANSI/IEEE 802.15.9-2016, Recommended Practice for Transport of Key Management Protocol (KMP) Datagrams (new standard): 7/28/2017

ANSI/IEEE 1609.12-2016, Standard for Wireless Access in Vehicular Environments (WAVE) - Identifier Allocations (new standard): 7/28/2017

ANSI/IEEE 1722-2016, Standard for a Transport Protocol for Time Sensitive Applications in a Bridged Local Area Network (new standard): 7/28/2017

Revision

ANSI/IEEE C62.72-2016, Guide for the Application of Surge-Protective Devices for Use on the Load Side of Service Equipment in Low-Voltage (1000 V or Less, 50 Hz or 60 Hz) AC Power Circuits (revision of ANSI/IEEE C62.72-2007): 7/28/2017

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

New Standard

INCITS 491-2017, Information technology - SCSI/ATA Translation - 4 (SAT-4) (new standard): 7/28/2017

INCITS 518-2017, Information technology - SCSI Enclosure Services - 3 (SES-3) (new standard): 7/28/2017

NCPDP (National Council for Prescription Drug Programs)

Revision

ANSI/NCPDP FIR v14-2017, NCPDP Financial Information Reporting Standard v14 (revision and redesignation of ANSI/NCPDP FIR v1.3-2017): 7/28/2017

ANSI/NCPDP FB v51-2017, NCPDP Formulary and Benefit Standard v51 (revision and redesignation of ANSI/NCPDP FB v50-2016): 7/28/2017

ANSI/NCPDP Prescription Transfer Standard v36-2017, NCPDP Prescription File Transfer Standard v36 (revision and redesignation of ANSI/NCPDP Prescription Transfer Standard v35-2017): 7/28/2017

ANSI/NCPDP Product Identifier v1.4-2017, NCPDP Product Identifier Standard v1.4 (revision and redesignation of ANSI/NCPDP Product Identifier v1.3-2017): 7/28/2017

ANSI/NCPDP SC-Standard 2017071-2017, NCPDP SCRIPT Standard 2017071 (revision and redesignation of ANSI/NCPDP SC Standard 2017011-2017): 7/28/2017

NECA (National Electrical Contractors Association)

New Standard

* ANSI/NECA 111-2017, Standard for Installing Nonmetallic Raceways (RNC,ENT,LFNC) (new standard): 8/2/2017

NSF (NSF International)

Revision

* ANSI/NSF 416-2017 (i4r1), NSF/AWWA/ANSI 416 Sustainability assessment for water treatment chemical products (revision of ANSI/NSF 416-2014 (i2r1)): 7/30/2017

SCTE (Society of Cable Telecommunications Engineers)

Revision

ANSI/SCTE 159-1-2017, IPCablecom Multimedia - Part 1: Multimedia Application and Service (revision and redesignation of ANSI/SCTE 159-1-2010): 7/31/2017

TIA (Telecommunications Industry Association)

Addenda

ANSI/TIA 568.0-D-1-2017, Generic Telecommunications Cabling for Customer Premises, Addendum 1: Updated References, Accommodation of New Media Types (addenda to ANSI/TIA 568.0-D-2015): 7/26/2017

UL (Underwriters Laboratories, Inc.)

Reaffirmation

ANSI/UL 2565-2013 (R2017), Standard for Safety for Manual and Semiautomatic Metal Sawing Machines (reaffirmation of ANSI/UL 2565-2013): 7/26/2017

Revision

ANSI/UL 21-2017, Standard for Safety for LP-Gas Hose (revision of ANSI/UL 21-2015): 7/27/2017

ANSI/UL 101-2017, Standard for Safety for Current Leakage for Appliances (revision of ANSI/UL 101-2002 (R2012)): 7/31/2017

ANSI/UL 498-2017b, Standard for Safety for Attachment Plugs and Receptacles (revision of ANSI/UL 498-2016): 7/28/2017

ANSI/UL 498-2017c, Standard for Safety for Attachment Plugs and Receptacles (revision of ANSI/UL 498-2017): 7/28/2017

ANSI/UL 567-2017, Standard for Emergency Breakaway Fittings, Swivel Connectors and Pipe-Connection Fittings for Petroleum Products and LP-Gas (revision of ANSI/UL 567-2014): 7/27/2017

ANSI/UL 567-2017a, Standard for Safety for Emergency Breakaway Fittings, Swivel Connectors and Pipe-Connection Fittings for Petroleum Products and LP-Gas (revision of ANSI/UL 567-2014): 7/27/2017

ANSI/UL 569-2017, Standard for Safety for Pigtails and Flexible Hose Connectors for LP-Gas (revision of ANSI/UL 569-2013): 7/27/2017

ANSI/UL 875-2017, Standard for Safety for Electric Dry-Bath Heaters (revision of ANSI/UL 875-2016): 7/26/2017

ANSI/UL 875-2017a, Standard for Safety for Electric Dry-Bath Heaters (revision of ANSI/UL 875-2016): 7/26/2017

* ANSI/UL 8750-2017, Standard for Safety for Light Emitting Diode (LED) Equipment for Use in Lighting Products (revision of ANSI/UL 8750-2015): 7/27/2017

* ANSI/UL 8750-2017a, Standard for Safety for Light Emitting Diode (LED) Equipment for Use in Lighting Products (revision of ANSI/UL 8750-2016): 7/27/2017

VC (ASC Z80) (The Vision Council)

New Standard

ANSI Z80.38-2017, Light Hazard from Operation Microscopes Used in Ocular Surgery (new standard): 7/28/2017

Project Initiation Notification System (PINS)

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

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

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

ANS (American Nuclear Society)

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BSR/ANS 2.29-201x, Probabilistic Seismic Hazard Analysis (revision of ANSI/ANS 2.29-2008 (R2016))

Stakeholders: National and international owners of nuclear facilities including nuclear power plants, and other high-risk and critical facilities, regulators, government organizations and their contractors, designers and support analysis subcontractors.

Project Need: ANSI/ANS 2.29-2008, Probabilistic Seismic Hazard Analysis, was evaluated for appropriateness and current validity by the members of ANS-2.29 Working Group. Numerous and important developments have occurred since its last publication in the methods and practice of assessing PSH that necessitate updating the standard. This includes most notably the process of expert elicitation, and the methods of characterizing uncertainty in ground motion prediction, and taking into account local soil conditions.

This standard provides criteria and guidance for performing a Probabilistic Seismic Hazard Analysis (PSHA) that is used in the design and construction of nuclear facilities, i.e., facilities that store, process, test, or fabricate radioactive materials in such form and quantity that a nuclear risk to the workers, to the off-site public, or to the environment may exist. These include, but are not limited to, nuclear fuel manufacturing facilities; nuclear material waste processing, storage, fabrication, and reprocessing facilities; uranium enrichment facilities; tritium production and handling facilities; radioactive materials laboratories; and nuclear reactors.

ASTM (ASTM International)

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West Conshohocken, PA 19428-2959

Contact: Corice Leonard

Fax: (610) 834-3683

E-mail: accreditation@astm.org

BSR/ASTM WK59903-201x, New Test Method for Measuring Thermal Resistance of Camping Mattresses Using Guarded Hotplate Apparatus (new standard)

Stakeholders: Camping Softgoods industry.

Project Need: The test method covers the measurement of the thermal resistance of camping mattress in conditions of steady-state heat transfer, using a two-plate guarded hotplate apparatus under confined clamping force, which is imposed upon and the inflating pressure from within the specimen mattresses.

<https://www.astm.org/DATABASE.CART/WORKITEMS/WK59903.htm>

B11 (B11 Standards, Inc.)

Office: PO Box 690905
Houston, TX 77269-0905

Contact: David Felinski

E-mail: dfelinski@b11standards.org

BSR/B11.TR8-201x, Maintenance of Safety-Related Components of Machines (new standard)

Stakeholders: Users of commercial machinery.

Project Need: To provide general guidance to machinery users on recommended maintenance of the safety-related components of the machine at a practical level.

This technical report will provide general guidance on maintenance of safety-related components of machinery.

BSR B11.2-201x, Safety Requirements for Hydraulic and Pneumatic Power Presses (revision of ANSI B11.2-2013)

Stakeholders: Machine manufacturers and users.

Project Need: Update current standard with harmonized technical elements.

The requirements of this standard apply only to those hydraulically or pneumatically powered machines, commonly referred to as hydraulic/pneumatic power presses, which transmit force to cut, form, or assemble metal or other materials by means of tools or dies attached to or operated by plungers or slides.

ECIA (Electronic Components Industry Association)

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

Contact: *Laura Donohoe*

Fax: (571) 323-0245

E-mail: ldonohoe@ecianow.org

BSR/EIA 364-09D-201x, Durability Test Procedure for Electrical Connectors and Contacts (revision and redesignation of ANSI/EIA 364-09C-1999 (R2012))

Stakeholders: Electronics, electrical, and telecommunications industries.

Project Need: Revise and redesignate current American National Standard.

This standard establishes a method to determine the effects caused by subjecting electrical connectors or contacts to the conditioning action of mating and unmating, simulating the expected life of the connectors.

IEEE (Institute of Electrical and Electronics Engineers)

Office: 445 Hoes Lane
Piscataway, NJ 08854-4141

Contact: *Lisa Weisser*

E-mail: l.weisser@ieee.org

BSR/IEEE 802.21-201x/COR 1-201x, Standard for Local and Metropolitan Area Networks - Part 21: Media Independent Services Framework - Corrigendum 1: Clarification of Parameter Definition in Group Session Key Derivation (new standard)

Stakeholders: The stakeholders are users and producers of systems and components for telecommunications, wireless networks, home appliances, industrial control, and smart grid.

Project Need: In absence of additional clarification on the use of the parameter length, there is a possibility that implementers may interpret it differently, which may cause some interoperability issues.

This standard defines an extensible IEEE 802(R) media access independent services framework (i.e., function and protocol) that enables the optimization of handover and other services (e.g., discovery) between heterogeneous IEEE 802 networks. It also facilitates these services when networking between IEEE 802 networks and cellular networks.

BSR/IEEE 2755.1-201x, Taxonomy and Classification for Software Based Intelligent Process Automation (SBIPA) Technology (new standard)

Stakeholders: Academics in the field of digital automation, makers of digital automation software products, buyers and users of digital automation software products, consultants interested or active in digital automation, third party software integrators interested in the field of digital automation, analysts in the fields of shared services, outsourcing, and digitization, and practitioners of industry application of digital automation.

Project Need: An all new family of SBIPA technologies has emerged recently and with significant interest and impact. Over the last five years, rapid global adoption of this new capability is causing disruption. In addition to a lack of defined terminology (to be addressed by P2755), there are no standards regarding what a specific SBIPA product does, and what functions it performs. Buyers and users of these technologies have no standard by which they can assess a product's relative capabilities.

This standard defines a taxonomy and classifies a SBIPA product's capabilities and features along with its underlying technology for the interested community.

BSR/IEEE 7130-201x, Standard for Quantum Computing Definitions (new standard)

Stakeholders: Hardware and software manufacturers, universities, national labs, and research and development organizations.

Project Need: Currently, there is a need for standardization of nomenclature related to quantum computing as the emerging industry is fragmented and lacks a common communications framework. This project will also make quantum computing more accessible to a larger group of contributors including developers of software and hardware, materials scientists, physicists, and end users of quantum computing solutions including engineers, discrete mathematicians, physicists, climate scientists, biologists, and geneticists.

This standard addresses quantum computing specific terminology and establishes definitions necessary to facilitate communication.

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

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

Contact: *Lynn Barra*

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E-mail: comments@standards.incits.org

INCITS/ISO/IEC 14651:2016 [201x], Information technology - International string ordering and comparison - Method for comparing character strings and description of the common template tailorable ordering (identical national adoption of ISO/IEC 14651:2016 and revision of INCITS/ISO/IEC 14651:2011 [2012] and INCITS/ISO/IEC 14651:2011/Amd 1:2013)

Stakeholders: ICT industry.

Project Need: Adoption of this international standard is beneficial to the ICT industry.

Defines the following: A reference comparison method. This method is applicable to two-character strings to determine their collating order in a sorted list. The method can be applied to strings containing characters from the full repertoire of ISO/IEC 10646. This method is also applicable to subsets of that repertoire, such as those of the different ISO/IEC 8-bit standard character sets, or any other character set, standardized or not, to produce ordering results valid (after tailoring) for a given set of languages for each script. This method uses collation tables derived either from the Common Template Table defined in this International Standard or from one of its tailorings. This method provides a reference format. The format is described using the Backus-Naur Form (BNF). This format is used to describe the Common Template Table. The format is used normatively within this International Standard.

NFPA (National Fire Protection Association)

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Quincy, MA 02169

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ANSI/NFPA 51A-2012, Standard for Acetylene Cylinder Charging Plants (withdrawal of ANSI/NFPA 51A-2012)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, consumers, special experts.

Project Need: Public interest and need.

This Committee shall have primary responsibility for documents on the storage, transfer, and use of industrial gases. Included are the storage and handling of such gases in their gaseous or liquid phases; the installation of associated storage, piping, and distribution equipment; and operating practices. The Committee also has a technical responsibility for contributions in the same areas for medical gases and clean rooms.

BSR/NFPA 75-201x, Standard for the Fire Protection of Information Technology Equipment (revision of ANSI/NFPA 75-2009)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, consumers, special experts.

Project Need: Public interest and need.

This standard covers the requirements for the protection of information technology equipment (ITE) and ITE areas.

BSR/NFPA 80A-201x, Recommended Practice for Protection of Buildings from Exterior Fire Exposures (revision of ANSI/NFPA 80A-2011)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, consumers, special experts.

Project Need: Public interest and need.

This recommended practice addresses separation distances between buildings to limit exterior fire spread based on exterior openings and other construction features.

BSR/NFPA 232-201x, Standard for the Protection of Records (revision of ANSI/NFPA 232-2012)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, consumers, special experts.

Project Need: Public interest and need.

This standard provides minimum requirements for protection of records, records protection equipment and facilities, and the types of records specified within this standard from the hazards of fire. This standard also provides the requirements for the application of the types of records protection equipment specified within this standard. This standard does not provide any requirements for the protection of cellulose nitrate film records. NFPA 40 shall be followed for protection requirements for cellulose nitrate film. This standard does not provide any requirements for the storage and handling of useful records.

BSR/NFPA 407-201x, Standard for Aircraft Fuel Servicing (revision of ANSI/NFPA 407-2011)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, consumers, special experts.

Project Need: Public interest and need.

This standard applies to the fuel servicing of all types of aircraft using liquid petroleum fuel. It does not apply to any of the following: (1) In-flight fueling, (2) Fuel servicing of flying boats or amphibious aircraft on water, and (3) Draining or filling of aircraft fuel tanks incidental to aircraft fuel system maintenance operations or manufacturing.

BSR/NFPA 414-201x, Standard for Aircraft Rescue and Fire-Fighting Vehicles (revision of ANSI/NFPA 414-2011)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, consumers, special experts.

Project Need: Public interest and need.

This standard specifies the minimum design, performance, and acceptance criteria for aircraft rescue and firefighting (ARFF) vehicles intended to transport personnel and equipment to the scene of an aircraft emergency for the purpose of rescuing occupants and conducting rescue and fire-fighting operations.

BSR/NFPA 450-201x, Guide for Emergency Medical Services and Systems (revision of ANSI/NFPA 450-2012)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, consumers, special experts.

Project Need: Public interest and need.

This document is designed to assist individuals, agencies, organizations, or systems as well as those interested or involved in emergency medical services (EMS) system design.

BSR/NFPA 496-201x, Standard for Purged and Pressurized Enclosures for Electrical Equipment (revision of ANSI/NFPA 496-2012)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, consumers, special experts.

Project Need: Public interest and need.

Applies to purging and pressurizing for the following: (1) Electrical equipment located in areas classified as hazardous by Article 500 or 505 of NFPA 70, (2) Electrical equipment containing sources of flammable vapors or gases and located in either classified or unclassified areas, (3) Control rooms or buildings located in areas classified as hazardous by Article 500 or 505 of NFPA 70, and (4) Analyzer rooms containing sources of flammable vapors or gases and located in areas classified as hazardous by Article 500 or 505 of NFPA 70.

BSR/NFPA 499-201x, Recommended Practice for the Classification of Combustible Dusts and of Hazardous (Classified) Locations for Electrical Installations in Chemical Process Areas (revision of ANSI/NFPA 499-2013)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, consumers, special experts.

Project Need: Public interest and need.

This recommended practice provides information on the classification of combustible dusts and of hazardous (classified) locations for electrical installations in chemical process areas and other areas where combustible dusts are produced or handled. This recommended practice provides information on combustible dusts as it relates to the proper selection of electrical equipment in hazardous (classified) locations in accordance with NFPA 70, National Electrical Code. The tables of selected combustible dusts contained in this document are not intended to be all-inclusive.

BSR/NFPA 664-201x, Standard for the Prevention of Fires and Explosions in Wood Processing and Woodworking Facilities (revision of ANSI/NFPA 664-2012)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, consumers, special experts.

Project Need: Public interest and need.

Establishes the minimum requirements for fire and explosion prevention and protection of industrial, commercial, or institutional facilities that process wood or manufacture wood products, using wood or other cellulosic fiber as a substitute for or additive to wood fiber, and that process wood, creating wood chips, particles, or dust.

BSR/NFPA 704-201x, Standard System for the Identification of the Hazards of Materials for Emergency Response (revision of ANSI/NFPA 704-2012)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, consumers, special experts.

Project Need: Public interest and need.

This standard shall address the health, flammability, instability, and related hazards that are presented by short-term, acute exposure to a material under conditions of fire, spill, or similar emergencies.

BSR/NFPA 1125-201x, Code for the Manufacture of Model Rocket and High-Power Rocket Motors (revision of ANSI/NFPA 1125-2011)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, consumers, special experts.

Project Need: Public interest and need.

This code shall apply to the manufacture of model and high-power rocket motors designed, sold, and used for the purpose of propelling recoverable aero models. This code shall apply to the design, construction, and reliability of model and high-power rocket motors and model rocket and high-power motor-reloading kits and their components, and to the limitation of propellant mass and power.

BSR/NFPA 1300-201x, Standard on Community Risk Assessment and Community Risk Reduction Plan Development (new standard)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, consumers, special experts.

Project Need: Public interest and need.

This standard shall have primary responsibility for requirements on the process to conduct a community risk assessment (CRA) and to develop, implement, and evaluate a community risk reduction (CRR) plan. Conducting a CRA and developing a CRR plan involve a community as defined by the authority having jurisdiction (AHJ). This standard contains minimum requirements for conducting a CRA, developing and implementing a CRR plan, and the ongoing evaluation of the CRR plan. This standard identifies strategic and policy issues involving the organization and deployment of a CRR program.

BSR/NFPA 1700-201x, Guide for Structural Fire Fighting (new standard)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, consumers, special experts.

Project Need: Public interest and need.

This guide addresses structural firefighting strategy, tactics, and tasks as supported by science-based research.

BSR/NFPA 2400-201x, Standard for Small Unmanned Aircraft Systems (sUAS) used for Public Safety Operations (new standard)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authority, insurance, consumers, special experts.

Project Need: Public interest and need.

This standard shall cover the minimum requirements relating to the operation, deployment, and implementation of small unmanned aircraft systems (sUAS) for public safety operations. This standard shall establish operational protocols for public safety entities who use and support sUAS. This standard shall include minimum job performance requirements (JPRs) for public safety personnel who operate and support sUAS. This standard shall include minimum requirements for the maintenance of sUAS when used by public safety entities. This standard shall provide additional minimum requirements specific to public safety entities.

TIA (Telecommunications Industry Association)

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BSR/TIA 102.AABA-C-201x, Project 25 - Trunking Overview - Digital Radio Technical Standards (revision and redesignation of ANSI/TIA 102.AABA-B-2011)

Stakeholders: P25 users and manufacturers.

Project Need: Update standard.

This revision will provide updates to existing material.

UL (Underwriters Laboratories, Inc.)

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BSR/UL 969A-201x, Standard for Safety for Marking and Labeling Systems for Cord Tag Labels and Wrap Around Cord or Cable Labels (new standard)

Stakeholders: Label makers, adhesive industry, cable and wire industry.

Project Need: Development of new American National Standard to cover an area of marking and labeling systems that lacks specific requirements.

The requirements cover adhesive attached cord tags, cord tags attached by a securement strap (cable ties or similar devices), and adhesive-backed labels affixed directly to the cord, i.e., wrap-around cord or cable labels. The adhesives may be pressure sensitive, heat activated, or solvent activated. These labels are intended to be applied by manufacturer's at the location they produce their end products.

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)
- AARST (The AARST Consortium on National Radon Standards)
- AGA (American Gas Association)
- AGSC-AGRSS (Auto Glass Safety Council)
- ASC X9 (Accredited Standards Committee X9, Incorporated)
- ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
- ASME (American Society of Mechanical Engineers)
- ASTM (ASTM International)
- GBI (The Green Building Initiative)
- GEIA (Greenguard Environmental Institute)
- HI (Home Innovation)
- HL7 (Health Level Seven)
- IESNA (The Illuminating Engineering Society of North America)
- MHI (ASC MH10) (Material Handling Industry)
- 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) 253-8274 Fax: (703) 276-0793 Web: www.aami.org</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>ASHRAE American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. 1791 Tullie Circle NE Atlanta, GA 30329 Phone: (678) 539-2114 Web: www.ashrae.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>ASQ American Society for Quality 600 N Plankinton Ave Milwaukee, WI 53203 Phone: (800) 248-1946 Web: www.asq.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>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>AWS American Welding Society 8669 NW 36th Street # 130 Miami, FL 33166 Phone: (305) 443-9353, x 301 Fax: (305) 443-5951 Web: www.aws.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>B11 B11 Standards, Inc. PO Box 690905 Houston, TX 77269-0905 Phone: (832) 446-6999</p> <p>BPI Building Performance Institute 107 Hermes Road Suite 110 Malta, NY 12020 Phone: (877) 274-1274 Fax: (866) 777-1274 Web: www.bpi.org</p> <p>ECIA Electronic Components Industry Association 2214 Rock Hill Road Suite 265 Herndon, VA 20170-4212 Phone: (571) 323-0294 Fax: (571) 323-0245 Web: www.ecianow.org</p>	<p>IEEE Institute of Electrical and Electronics Engineers 445 Hoes Lane Piscataway, NJ 08854-4141 Phone: (732) 981-2864 Web: www.ieee.org</p> <p>ITI (INCITS) InterNational Committee for Information Technology Standards 1101 K Street NW Suite 610 Washington, DC 20005-3922 Phone: (202) 626-5737 Fax: (202) 638-4922 Web: www.incits.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>NCPDP National Council for Prescription Drug Programs 9240 East Raintree Drive Scottsdale, AZ 85260 Phone: (480) 296-4584 Fax: (480) 767-1042 Web: www.ncpdp.org</p> <p>NECA National Electrical Contractors Association 3 Bethesda Metro Center Suite 1100 Bethesda, MD 20814 Phone: (301) 215-4549 Web: www.neca-neis.org</p> <p>NFPA National Fire Protection Association One Batterymarch Park Quincy, MA 02169 Phone: (617) 770-3000 Web: www.nfpa.org</p>	<p>NSF NSF International 789 N. Dixboro Road Ann Arbor, MI 48105-9723 Phone: (734) 827-5643 Fax: (734) 827-7880 Web: www.nsf.org</p> <p>SCTE Society of Cable Telecommunications Engineers 140 Philips Rd Exton, PA 19341 Phone: (800) 542-5040 Fax: (800) 542-5040 Web: www.scte.org</p> <p>TIA Telecommunications Industry Association 1320 North Courthouse Road Suite 200 Arlington, VA 22201 Phone: (703) 907-7706 Fax: (703) 907-7727 Web: www.tiaonline.org</p> <p>UL Underwriters Laboratories, Inc. 333 Pfingsten Road Northbrook, IL 60062-2096 Phone: (847) 664-2850 Fax: (847) 664-2850 Web: www.ul.com</p> <p>VC (ASC Z80) The Vision Council 225 Reinekers Lane Suite 700 Alexandria, VA 22314 Phone: 703-548-2684 Fax: 703-548-4580 Web: www.z80asc.com</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); comments on ISO documents must be submitted electronically in the approved ISO template and as a Word document as other formats will not be accepted.

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

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ISO Standards

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO/DIS 13301, Sensory analysis - Methodology - General guidance for measuring odour, flavour and taste detection thresholds by a three-alternative forced-choice (3-AFC) procedure - 8/19/2017, \$146.00

ISO/DIS 20636, Infant formula and adult nutritionals - Determination of vitamin D by liquid chromatography-mass spectrometry - 10/2/2017, \$77.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 23041, Space systems - Unmanned spacecraft operational procedures - Documentation - 10/8/2017, \$88.00

CLEAN COOKSTOVES AND CLEAN COOKING SOLUTIONS (TC 285)

ISO/DIS 19867-1, Clean cookstoves and clean cooking solutions - Harmonized laboratory test protocols - Part 1: Standard test sequence for emissions and performance, safety and durability - 8/21/2017, \$165.00

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

ISO/DIS 21204, Geometrical product specifications (GPS) - Specification of defined transitions between features - 8/18/2017, \$119.00

ISO/DIS 13385-1, Geometrical product specifications (GPS) - Dimensional measuring equipment - Part 1: Callipers; Design and metrological characteristics - 10/15/2017, \$67.00

FIRE SAFETY (TC 92)

ISO/DIS 24678-7, Fire safety engineering - Requirements governing algebraic equations - Part 7: Radiation heat flux received from an open pool fire - 10/13/2017, \$102.00

FREIGHT CONTAINERS (TC 104)

ISO 668/DAMd3, Series 1 freight containers - Classification, dimensions and ratings - Amendment 3 - 10/8/2017, \$33.00

HEALTH INFORMATICS (TC 215)

ISO/DIS 13120, Health informatics - Syntax to represent the content of healthcare classification systems - Classification Markup Language (ClaML) - 10/9/2017, \$125.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO/DIS 20534, Industrial automation systems and integration - Formal semantic models for the configuration of global production networks - 10/14/2017, \$175.00

INDUSTRIAL FANS (TC 117)

ISO/DIS 12759-2, Fans - Efficiency classification for fans - Part 2: Standard losses for drive components - 8/20/2017, \$77.00

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

ISO/DIS 20815, Petroleum, petrochemical and natural gas industries - Production assurance and reliability management - 8/18/2017, \$155.00

MINING (TC 82)

ISO/DIS 18758-1, Mining and earth-moving machinery - Rock drill rigs and rock reinforcement rigs - Part 1: Terminology - 10/8/2017, \$77.00

ISO/DIS 18758-2, Mining and earth-moving machinery - Rock drill rigs and rock reinforcement rigs - Part 2: Safety requirements - 10/8/2017, \$125.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO/DIS 19740, Optics and photonics - Optical materials and components - Test method for homogeneity of infrared optical materials - 8/20/2017, \$77.00

ISO/DIS 19741, Optics and photonics - Optical materials and components - Test method for striae of infrared optical materials - 8/24/2017, \$46.00

ISO/DIS 19742, Optics and photonics - Optical materials and components - Test method for bubbles and inclusions in infrared optical materials - 8/20/2017, \$40.00

ISO/DIS 21575, Optics and photonics - Optical materials and components - The powder test method for the water resistance of optical glass - 8/19/2017, \$46.00

ISO/DIS 9211-1, Optics and photonics - Optical coatings - Part 1: Definitions - 8/19/2017, \$71.00

ISO/DIS 9211-5, Optics and photonics - Optical coatings - Part 5: Antireflecting coatings - 8/18/2017, \$40.00

ISO/DIS 9211-6, Optics and photonics - Optical coatings - Part 6: Reflecting coatings - 8/18/2017, \$40.00

ISO/DIS 9211-7, Optics and photonics - Optical coatings - Part 7: Neutral beam splitting coatings - 8/18/2017, \$40.00

OTHER

ISO/DIS 4045, Leather - Chemical tests - Determination of pH and difference figure - 8/17/2017, \$33.00

ISO/DIS 4048, Leather - Chemical tests - Determination of matter soluble in dichloromethane and free fatty acid content - 8/18/2017, \$46.00

ISO/DIS 5398-3, Leather - Chemical determination of chromic oxide content - Part 3: Quantification by atomic absorption spectrometry - 8/18/2017, \$46.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO/DIS 18889, Protective gloves for pesticide operators - Performance requirements - 8/19/2017, \$53.00

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

ISO/DIS 10468, Glass-reinforced thermosetting plastics (GRP) pipes - Determination of the ring creep properties under wet or dry conditions - 8/16/2017, \$46.00

PROJECT, PROGRAMME AND PORTFOLIO MANAGEMENT (TC 258)

ISO/DIS 21508, Earned value management in project and programme management - 8/17/2017, \$82.00

ISO/DIS 21511, Work breakdown structures for project and programme management - 8/17/2017, \$71.00

ROAD VEHICLES (TC 22)

ISO/DIS 16232, Road Vehicles - Cleanliness of components and systems - 10/13/2017, \$185.00

ISO/DIS 21042, Gasoline engines with direct fuel injection (GDI engines) - Installation of the high pressure fuel pump to the engine - 10/8/2017, \$40.00

ISO/DIS 12156-1, Diesel fuel - Assessment of lubricity using the high-frequency reciprocating rig (HFRR) - Part 1: Test method - 10/14/2017, \$62.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 22762-1, Elastomeric seismic-protection isolators - Part 1: Test methods - 8/18/2017, \$146.00

ISO/DIS 22762-2, Elastomeric seismic-protection isolators - Part 2: Applications for bridges - Specifications - 8/18/2017, \$125.00

ISO/DIS 22762-3, Elastomeric seismic-protection isolators - Part 3: Applications for buildings - Specifications - 8/18/2017, \$134.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 21157, Ships and marine technology - Ball valves for use in low temperature applications - Design and testing requirements - 10/15/2017, \$67.00

STEEL (TC 17)

ISO/DIS 5000, Continuous hot-dip aluminium-silicon-coated cold-reduced carbon steel sheet of commercial and drawing qualities - 10/12/2017, \$71.00

ISO/DIS 16172, Continuous hot-dip metallic-coated steel sheet for corrugated steel pipe - 10/15/2017, \$53.00

STERILIZATION OF HEALTH CARE PRODUCTS (TC 198)

ISO/DIS 11607-1, Packaging for terminally sterilized medical devices - Part 1: Requirements for materials, sterile barrier systems and packaging systems - 10/12/2017, \$112.00

ISO/DIS 11607-2, Packaging for terminally sterilized medical devices - Part 2: Validation requirements for forming, sealing and assembly processes - 10/12/2017, \$82.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO/DIS 789-6, Agricultural tractors - Test procedures - Part 6: Centre of gravity - 8/19/2017, \$93.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO/DIS 15626, Non-destructive testing of welds - Time-of-flight diffraction technique (TOFD) - Acceptance levels - 10/8/2017, \$53.00

ISO/DIS 20601, Non-destructive testing of welds - Ultrasonic testing - Use of automated phased array technology for steel components with small wall thickness - 10/8/2017, \$71.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 23008-2/DAMd3, Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 2: High efficiency video coding - Amendment 3 - 12/25/2041, \$88.00

ISO/IEC 7816-15/DAMd1, Identification cards - Integrated circuit cards - Part 15: Cryptographic information application - Amendment 1 - 10/14/2017, \$29.00

ISO/IEC DIS 29147, Information technology - Security techniques - Vulnerability disclosure - 8/16/2017, \$107.00

ISO/IEC DIS 30115, Information technology - Redfish scalable platforms management API specification - 10/8/2017, \$155.00

ISO/IEC DIS 10373-3, Identification cards - Test methods - Part 3: Integrated circuit cards with contacts and related interface devices - 10/14/2017, \$125.00

ISO/IEC DIS 10373-6, Identification cards - Test methods - Part 6: Proximity cards - 10/14/2017, \$269.00

ISO/IEC DIS 19896-2, Information technology - Security techniques - Competence requirements for information security testers and evaluators - Part 2: Knowledge, skills and effectiveness requirements for ISO/IEC 19790 testers - 10/16/2017, \$102.00

ISO/IEC DIS 20000-1, Information technology - Service management - Part 1: Service management system requirements - 10/23/2017, \$82.00

IEC Standards

CABPUB/149/NP, New Proposal, ISO/IEC TR 17032, Conformity Assessment - Guidelines and examples of a certification scheme for processes, 2017/9/22

17A/1151/FDIS, IEC 62271-110 ED4: High-voltage switchgear and controlgear - Part 110: Inductive load switching, 017/9/8/

23/774/CD, IEC 61535 ED2: Installation couplers intended for permanent connection in fixed installations, /2017/10/2

23B/1249A/CD, IEC 60884-1/FRAG2 ED4: Plugs and socket-outlets for household and similar purposes - Part 1: General requirements, 2017/9/22

23E/1020/CDV, IEC 60934 ED4: Circuit breakers for equipment (CBE), /2017/10/2

23H/386/FDIS, IEC 62986 ED1: Plugs, socket-outlets and couplers with arcuate contacts, 017/9/8/

- 25/597A/CDV, ISO 80000-3 ED1: Quantities and units - Part 3: Space and time, 2017/10/6
- 25/604/FDIS, ISO 80000-10 ED2: Quantities and units - Part 10: Atomic and nuclear physics, 017/9/8/
- 25/598A/CDV, ISO 80000-8 ED1: Quantities and units - Part 8: Acoustics, 2017/10/6
- 34C/1344/CDV, IEC 62442-3 ED2: Energy performance of lamp controlgear - Part 3: Controlgear for halogen lamps and LED modules - Method of measurement to determine the efficiency of the controlgear, /2017/10/2
- 44/793/CD, IEC 63074 ED1: Security aspects related to functional safety of safety-related control systems, 2017/9/22
- 47F/287/CD, IEC 62047-32 ED1: Semiconductor devices - Micro-electromechanical devices - Part 32: Test method for the nonlinear vibration of the MEMS resonators, 2017/9/22
- 48D/645/CDV, IEC 62610-2 ED1: Mechanical structures for electrical and electronic equipment - Thermal management for cabinets in accordance with IEC 60297 and IEC 60917 series - Part 2: Method for the determination of forced air cooling structure, /2017/10/2
- 49/1244/CD, IEC 60122-4 ED1: Quartz crystal units of assessed quality - Part 4: Crystal units with thermistors, /2017/10/2
- 57/1904/NP, PNW 57-1904: Profiles for energy consumption data ("My Energy Data"), /2017/10/2
- 65/677/NP, PNW TS 65-677: Reliability of Industrial Automation Devices and Systems - Part 1: Assurance of automation devices reliability data and specification of their source, /2017/10/2
- 65B/1098/FDIS, IEC 62828-2 ED1: Reference conditions and procedures for testing industrial and process measurement transmitters - Part 2: Specific procedures for pressure transmitters, 017/9/8/
- 65E/562/CD, IEC 62541-12 ED1: Unified Architecture Specification: Part 12 - Discovery, /2017/10/2
- 65E/549/NP, PNW 65E-549: OPC Unified Architecture - Part 14: PubSub, /2017/10/2
- 80/849/CDV, IEC 61097-7/AMD1 ED1: Amendment 1 - Global maritime distress and safety system (GMDSS) - Part 7: Shipborne VHF radiotelephone transmitter and receiver - Operational and performance requirements, methods of testing and required test results, /2017/10/2
- 86B/4091/CD, IEC 61754-4 ED3: Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 4: Type SC connector family, 2017/9/22
- 86B/4092/CD, IEC 61754-6 ED3: Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 6: Type MU connector family, 2017/9/22
- 86C/1474/CD, IEC 62148-19 ED1: Fibre optic active components and devices - Package and interface standards - Part 19: Photonic chip scale package, 2017/9/22
- 88/649/DTS, IEC TS 61400-3-2 ED1: Wind energy generation systems - Part 3-2: Design requirements for floating offshore wind turbines, /2017/10/2
- 88/641/CDV, IEC 61400-24 ED2: Wind energy generation systems - Part 24: Lightning protection, /2017/10/2
- 88/642/CDV, IEC 61400-3-1 ED1: Wind energy generation systems - Part 3-1: Design requirements for fixed offshore wind turbines, /2017/10/2
- 91/1454/Q, Proposed technical corrigendum for IEC 60069-2-69 Ed.3: Environmental testing: Part 2-69: Tests - Test Te/Tc: Solderability testing of electronic components and printed boards by the wetting balance (force measurement) method, 017/9/8/
- 100/2948/CDV, IEC 61937-11 ED1: Amd1: Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 11: MPEG-4 AAC and its extensions in LATM/LOAS (TA 4), /2017/10/2
- 104/748/CD, IEC 60068-2-64/AMD1 ED2: Amendment 1 - Environmental testing - Part 2-64: Test methods - Test Fh: Vibration, broadband random (digital control) and guidance, /2017/10/2
- 104/747/CD, IEC 60721-3-4 ED3: Classification of environmental conditions - Part 3: Classification of groups of environmental parameters and their severities - Section 4: Stationary use at non-weatherprotected locations, /2017/10/2
- 111/459/CDV, IEC 62474 ED2: Material declaration for products of and for the electrotechnical industry, /2017/10/2
- 112/394/CD, IEC 61857-41 ED1: Electrical insulation systems - Procedures for thermal evaluation - Part 41: Specific requirements for electrical insulation systems for use in dry-type high-voltage transformers with operating voltages of 1kV and above, 2017/9/22
- 117/75/DTS, IEC TS 62862-1-1 ED1: Solar thermal electric plants - Part 1-1: Terminology, /2017/10/2
- 119/174/CDV, IEC 62899-202-3 ED1: Printed electronics - Part 202-3: Materials - Conductive ink - Measurement of sheet resistance of conductive films (contactless method), /2017/10/2
- 119/173/CDV, IEC 62899-302-2 ED1: Printed Electronics - Part 302-2: Equipment - Inkjet - Imaging based measurement of droplet volume, /2017/10/2



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

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

[ISO 5359/Amd1:2017](#), Anaesthetic and respiratory equipment - Low-pressure hose assemblies for use with medical gases - Amendment 1, \$19.00

[ISO 18082/Amd1:2017](#), Anaesthetic and respiratory equipment - Dimensions of non-interchangeable screw-threaded (NIST) low-pressure connectors for medical gases - Amendment 1, \$19.00

[ISO 9170-1:2017](#), Terminal units for medical gas pipeline systems - Part 1: Terminal units for use with compressed medical gases and vacuum, \$138.00

BUILDING CONSTRUCTION (TC 59)

[ISO 15686-5:2017](#), Buildings and constructed assets - Service life planning - Part 5: Life-cycle costing, \$185.00

COMPRESSORS, PNEUMATIC TOOLS AND PNEUMATIC MACHINES (TC 118)

[ISO 28927-4/Amd1:2017](#), Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 11: Stone hammers - Amendment 1: Cupped wire brushes, \$19.00

CORK (TC 87)

[ISO 3867:2017](#), Composition cork - Expansion joint fillers - Test methods, \$68.00

[ISO 3869:2017](#), Agglomerated cork - Expansion joint fillers - Specifications, packaging and marking, \$45.00

DENTISTRY (TC 106)

[ISO 22112:2017](#), Dentistry - Artificial teeth for dental prostheses, \$103.00

DOCUMENT IMAGING APPLICATIONS (TC 171)

[ISO 11506:2017](#), Document management applications - Archiving of electronic data - Computer output microform (COM)/Computer output laser disc (COLD), \$162.00

[ISO 32000-2:2017](#), Document management - Portable document format - Part 2: PDF 2.0, \$232.00

FERROUS METAL PIPES AND METALLIC FITTINGS (TC 5)

[ISO 8179-1:2017](#), Ductile iron pipes, fittings, accessories and their joints - External zinc-based coating - Part 1: Metallic zinc with finishing layer, \$68.00

[ISO 8179-2:2017](#), Ductile iron pipes, fittings, accessories and their joints - External zinc-based coating - Part 2: Zinc-rich paint, \$68.00

FIRE SAFETY (TC 92)

[ISO 26367-2:2017](#), Guidelines for assessing the adverse environmental impact of fire effluents - Part 2: Methodology for compiling data on environmentally significant emissions from fires, \$185.00

FLUID POWER SYSTEMS (TC 131)

[ISO 3968:2017](#), Hydraulic fluid power - Filters - Evaluation of differential pressure versus flow, \$103.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

[ISO 15531-44:2017](#), Industrial automation systems and integration - Industrial manufacturing management data - Part 44: Information modelling for shop floor data acquisition, \$162.00

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

[ISO 17781:2017](#), Petroleum, petrochemical and natural gas industries - Test methods for quality control of microstructure of ferritic/austenitic (duplex) stainless steels, \$103.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

[ISO 20816-2:2017](#), Mechanical vibration - Measurement and evaluation of machine vibration - Part 2: Land-based gas turbines, steam turbines and generators in excess of 40 MW, with fluid-film bearings and rated speeds of 1 500 r/min, 1 800 r/min, 3 000 r/min and 3 600 r/min, \$138.00

METALLIC AND OTHER INORGANIC COATINGS (TC 107)

[ISO 2360:2017](#), Non-conductive coatings on non-magnetic electrically conductive base metals - Measurement of coating thickness - Amplitude-sensitive eddy-current method, \$162.00

NON-DESTRUCTIVE TESTING (TC 135)

[ISO 18563-2:2017](#), Non-destructive testing - Characterization and verification of ultrasonic phased array equipment - Part 2: Probes, \$68.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

[ISO 10936-1:2017](#), Optics and photonics - Operation microscopes - Part 1: Requirements and test methods, \$45.00

[ISO 14490-5:2017](#), Optics and photonics - Test methods for telescopic systems - Part 5: Test methods for transmittance, \$103.00

PLASTICS (TC 61)

[ISO 19209:2017](#), Adhesives - Classification of thermoplastic wood adhesives for non-structural applications, \$45.00

[ISO 19210:2017](#), Adhesives - Wood adhesives for non-structural applications - Determination of tensile shear strength of lap joints, \$68.00

ROAD VEHICLES (TC 22)

[ISO 22900-2:2017](#), Road vehicles - Modular vehicle communication interface (MVCI) - Part 2: Diagnostic protocol data unit (D-PDU API), \$232.00

RUBBER AND RUBBER PRODUCTS (TC 45)

[ISO 1436:2017](#), Rubber hoses and hose assemblies - Wire-braid-reinforced hydraulic types for oil-based or water-based fluids - Specification, \$103.00

[ISO 3862:2017](#), Rubber hoses and hose assemblies - Rubber-covered spiral-wire-reinforced hydraulic types for oil-based or water-based fluids - Specification, \$103.00

[ISO 10638:2017](#), Rubber - Identification of antidegradants by gas chromatography/mass spectrometry, \$185.00

[ISO 20437:2017](#), Natural rubber latex cleanroom gloves - Specification, \$45.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

[ISO 19891-1:2017](#), Ships and marine technology - Specifications for gas detectors intended for use on board ships - Part 1: Portable gas detectors for atmosphere testing of enclosed spaces, \$45.00

SMALL TOOLS (TC 29)

[ISO 10911:2017](#), Solid hardmetal end mills with cylindrical shank - Dimensions, \$45.00

SOIL QUALITY (TC 190)

[ISO 14239:2017](#), Soil quality - Laboratory incubation systems for measuring the mineralization of organic chemicals in soil under aerobic conditions, \$138.00

TEXTILES (TC 38)

[ISO 1833-4:2017](#), Textiles - Quantitative chemical analysis - Part 4: Mixtures of certain protein fibres with certain other fibres (method using hypochlorite), \$45.00

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

[ISO 6710:2017](#), Single-use containers for human venous blood specimen collection, \$103.00

ISO Technical Reports**OPTICS AND OPTICAL INSTRUMENTS (TC 172)**

[ISO/TR 20811:2017](#), Optics and photonics - Lasers and laser-related equipment - Laser-induced molecular contamination testing, \$68.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

[ISO/TR 20545:2017](#), Intelligent transport systems - Vehicle/roadway warning and control systems - Report on standardisation for vehicle automated driving systems (RoVAS)/Beyond driver assistance systems, \$103.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 16963:2017](#), Information technology - Digitally recorded media for information interchange and storage - Test method for the estimation of lifetime of optical disks for long-term data storage, \$209.00

IEC Standards**ALARM SYSTEMS (TC 79)**

[IEC 62820-1-2 Ed. 1.0 b:2017](#), Building intercom systems - Part 1-2: System requirements - Building intercom systems using the internet protocol (IP), \$164.00

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

[IEC 61937-SER Ed. 1.0 b:2017](#), Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - ALL PARTS, \$1178.00

[IEC 63080 Ed. 1.0 en:2017](#), Accessibility terms and definitions, \$164.00

[IEC 61937-3 Ed. 3.0 en:2017](#), Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 3: Non-linear PCM bitstreams according to the AC-3 and enhanced AC-3 formats, \$82.00

[IEC 62481-2 Ed. 3.0 en:2017](#), Digital living network alliance (DLNA) home networked device interoperability guidelines - Part 2: Media format profiles, \$410.00

[IEC 62481-3 Ed. 3.0 en:2017](#), Digital living network alliance (DLNA) home networked device interoperability guidelines - Part 3: DLNA link protection, \$352.00

[IEC 62481-4 Ed. 2.0 en:2017](#), Digital living network alliance (DLNA) home networked device interoperability guidelines - Part 4: DRM interoperability solutions, \$199.00

[IEC 62481-7 Ed. 1.0 en:2017](#), Digital living network alliance (DLNA) home networked device interoperability guidelines - Part 7: Authentication, \$117.00

[IEC 62481-8 Ed. 1.0 en:2017](#), Digital living network alliance (DLNA) home networked device interoperability guidelines - Part 8: Diagnostics, \$164.00

[IEC 62481-9 Ed. 1.0 en:2017](#), Digital living network alliance (DLNA) home networked device interoperability guidelines - Part 9: HTTP Adaptive Delivery, \$117.00

[IEC 62766-6 Ed. 1.0 en:2017](#), Consumer terminal function for access to IPTV and open internet multimedia services - Part 6: Procedural application environment, \$317.00

[IEC 62766-7 Ed. 1.0 en:2017](#), Consumer terminal function for access to IPTV and open internet multimedia services - Part 7: Authentication, content protection and service protection, \$375.00

[IEC 62766-8 Ed. 1.0 en:2017](#), Consumer terminal function for access to IPTV and open multimedia services - Part 8: Profiles, \$199.00

[IEC 61937-10 Ed. 2.0 en:2017](#), Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 10: Non-linear PCM bitstreams according to the MPEG-4 audio lossless coding (ALS) format, \$117.00

[IEC 62481-10 Ed. 1.0 en:2017](#), Digital living network alliance (DLNA) home networked device interoperability guidelines - Part 10: Low-power mode, \$82.00

[IEC 62481-1-1 Ed. 3.0 en:2017](#), Digital living network alliance (DLNA) home networked device interoperability guidelines - Part 1-1: Architecture and protocols - Core architecture and protocols, \$410.00

[IEC 62481-1-3 Ed. 1.0 en:2017](#), Digital living network alliance (DLNA) home networked device interoperability guidelines - Part 1-3: Architectures and protocols - Cloud access, \$82.00

[IEC 62481-6-1 Ed. 1.0 en:2017](#), Digital living network alliance (DLNA) home networked device interoperability guidelines - Part 6-1: Remote User Interface - HTML5, \$352.00

[IEC 62481-6-2 Ed. 1.0 en:2017](#), Digital living network alliance (DLNA) home networked device interoperability guidelines - Part 6-2: Remote user interface - RVU, \$117.00

[IEC 62766-4-1 Ed. 1.0 en:2017](#), Consumer terminal function for access to IPTV and open internet multimedia services - Part 4-1: Protocols, \$410.00

[IEC 62766-5-1 Ed. 1.0 en:2017](#), Consumer terminal function for access to IPTV and open multimedia services - Part 5-1: Declarative application environment, \$410.00

[IEC 62766-5-2 Ed. 1.0 en:2017](#), Consumer terminal function for access to IPTV and open multimedia services - Part 5-2: Web standards TV profile, \$281.00

[IEC 60728-13-1 Ed. 2.0 en:2017](#), Cable networks for television signals, sound signals and interactive services - Part 13-1: Bandwidth expansion for broadcast signal over FTTH system, \$352.00

[S+ IEC 61937-3 Ed. 3.0 en:2017 \(Redline version\)](#), Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 3: Non-linear PCM bitstreams according to the AC-3 and enhanced AC-3 formats, \$107.00

CAPACITORS AND RESISTORS FOR ELECTRONIC EQUIPMENT (TC 40)

[IEC 60286-1 Ed. 3.0 en:2017](#), Packaging of components for automatic handling - Part 1: Tape packaging of components with axial leads on continuous tapes, \$82.00

DOCUMENTATION AND GRAPHICAL SYMBOLS (TC 3)

[IEC 61360-1 Ed. 4.0 b:2017](#), Standard data element types with associated classification scheme - Part 1: Definitions - Principles and methods, \$410.00

ELECTRIC TRACTION EQUIPMENT (TC 9)

[IEC 60077-1 Ed. 2.0 b:2017](#), Railway applications - Electric equipment for rolling stock - Part 1: General service conditions and general rules, \$317.00

[IEC 60077-2 Ed. 2.0 b:2017](#), Railway applications - Electric equipment for rolling stock - Part 2: Electrotechnical components - General rules, \$235.00

[S+ IEC 60077-1 Ed. 2.0 en:2017 \(Redline version\)](#), Railway applications - Electric equipment for rolling stock - Part 1: General service conditions and general rules, \$412.00

[S+ IEC 60077-2 Ed. 2.0 en:2017 \(Redline version\)](#), Railway applications - Electric equipment for rolling stock - Part 2: Electrotechnical components - General rules, \$305.00

FIBRE OPTICS (TC 86)

[IEC 61745 Ed. 2.0 b:2017](#), End-face image analysis procedure for the calibration of optical fibre geometry test sets, \$281.00

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

[IEC 62948 Ed. 1.0 en:2017](#), Industrial networks - Wireless communication network and communication profiles - WIA-FA, \$410.00

LIGHTNING PROTECTION (TC 81)

[IEC 62561-4 Ed. 2.0 b:2017](#), Lightning protection system components (LPSC) - Part 4: Requirements for conductor fasteners, \$164.00

[IEC 62561-5 Ed. 2.0 b:2017](#), Lightning protection system components (LPSC) - Part 5: Requirements for earth electrode inspection housings and earth electrode seals, \$117.00

PIEZOELECTRIC AND DIELECTRIC DEVICES FOR FREQUENCY CONTROL AND SELECTION (TC 49)

[IEC 60679-1 Ed. 4.0 en:2017](#), Piezoelectric, dielectric and electrostatic oscillators of assessed quality - Part 1: Generic specification, \$235.00

POWER SYSTEM CONTROL AND ASSOCIATED COMMUNICATIONS (TC 57)

[IEC 61970-CGMES Ed. 1.0 b:2017](#), Energy management system application program interface (EMS-API) - Common Grid Model Exchange Specification (CGMES), \$1919.00

[IEC 62488-2 Ed. 1.0 en:2017](#), Power line communication systems for power utility applications - Part 2: Analogue power line carrier terminals or APLC, \$352.00

[IEC 61970-452 Ed. 3.0 b:2017](#), Energy management system application program interface (EMS-API) - Part 452: CIM static transmission network model profiles, \$410.00

SOLAR PHOTOVOLTAIC ENERGY SYSTEMS (TC 82)

[IEC 62817 Amd.1 Ed. 1.0 b:2017](#), Amendment 1 - Photovoltaic systems - Design qualification of solar trackers, \$12.00

[IEC 62817 Ed. 1.1 b:2017](#), Photovoltaic systems - Design qualification of solar trackers, \$469.00

[IEC 62920 Ed. 1.0 b:2017](#), Photovoltaic power generating systems - EMC requirements and test methods for power conversion equipment, \$317.00

[IEC 62788-1-5 Ed. 1.0 b cor.1:2017](#), Corrigendum 1 - Measurement procedures for materials used in photovoltaic modules - Part 1-5: Encapsulants - Measurement of change in linear dimensions of sheet encapsulation material resulting from applied thermal conditions, \$0.00

SUPERCONDUCTIVITY (TC 90)

[IEC 61788-22-1 Ed. 1.0 en:2017](#), Superconductivity - Part 22-1: Superconducting electronic devices - Generic specification for sensors and detectors, \$199.00

SURFACE MOUNTING TECHNOLOGY (TC 91)

[IEC 61191-4 Ed. 2.0 en:2017](#), Printed board assemblies - Part 4: Sectional specification - Requirements for terminal soldered assemblies, \$117.00

[IEC 60068-2-58 Ed. 4.1 en:2017](#), Environmental testing - Part 2-58: Tests - Test Td: Test methods for solderability, resistance to dissolution of metallization and to soldering heat of surface mounting devices (SMD), \$322.00

[IEC 60068-2-58 Amd.1 Ed. 4.0 en:2017](#), Amendment 1 - Environmental testing - Part 2-58: Tests - Test Td: Test methods for solderability, resistance to dissolution of metallization and to soldering heat of surface mounting devices (SMD), \$23.00

SWITCHGEAR AND CONTROLGEAR AND THEIR ASSEMBLIES FOR LOW VOLTAGE (TC 121)

[IEC 60715 Ed. 2.0 b:2017](#), Dimensions of low-voltage switchgear and controlgear - Standardized mounting on rails for mechanical support of switchgear, controlgear and accessories, \$199.00

TRANSMITTING EQUIPMENT FOR RADIO COMMUNICATION (TC 103)

[IEC 62802 Ed. 1.0 en:2017](#), Measurement method of a half-wavelength voltage and a chirp parameter for Mach-Zehnder optical modulator in high-frequency radio on fibre (RoF) systems, \$164.00

IEC Technical Reports

POWER SYSTEM CONTROL AND ASSOCIATED COMMUNICATIONS (TC 57)

[IEC/TR 61850-7-500 Ed. 1.0 en:2017](#), Communication networks and systems for power utility automation - Part 7-500: Basic information and communication structure - Use of logical nodes for modeling application functions and related concepts and guidelines for substations, \$352.00

SWITCHGEAR AND CONTROLGEAR AND THEIR ASSEMBLIES FOR LOW VOLTAGE (TC 121)

[IEC/TR 63054 Ed. 1.0 en:2017](#), Low-voltage switchgear and controlgear - Fire risk analysis and risk reduction measures, \$117.00

TRANSMITTING EQUIPMENT FOR RADIO COMMUNICATION (TC 103)

[IEC/TR 63100 Ed. 1.0 en:2017](#), Transmitting equipment for radiocommunication - Radio-over-fibre technologies for spectrum measurement - 100-GHz spectrum measurement equipment, \$164.00

IEC Technical Specifications

ELECTRICAL ENERGY STORAGE (EES) SYSTEMS (TC 120)

[IEC/TS 62933-4-1 Ed. 1.0 en:2017](#), Electrical energy storage (EES) systems - Part 4-1: Guidance on environmental issues - General specification, \$117.00

POWER SYSTEM CONTROL AND ASSOCIATED COMMUNICATIONS (TC 57)

[IEC/TS 61970-600-1 Ed. 1.0 en:2017](#), Energy management system application program interface (EMS-API) - Part 600-1: Common Grid Model Exchange Specification (CGMES) - Structure and rules, \$352.00

[IEC/TS 61970-600-2 Ed. 1.0 en:2017](#), Energy management system application program interface (EMS-API) - Part 600-2: Common Grid Model Exchange Specification (CGMES) - Exchange profiles specification, \$410.00

ULTRASONICS (TC 87)

[IEC/TS 62462 Ed. 2.0 en:2017](#), Ultrasonics - Output test - Guidance for the maintenance of ultrasound physiotherapy systems, \$199.00

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 notified by Member countries of the World Trade Organization (WTO). In accordance with the WTO Agreement on Technical Barriers to Trade (TBT Agreement), Members are required to notify proposed technical regulations that may significantly affect trade to the WTO Secretariat in Geneva, Switzerland. In turn, the Secretariat issues and makes available these notifications. The purpose of the notification requirement is to provide global trading partners with an opportunity to review and comment on the regulations before they become final.

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

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

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

For further information about the USA TBT Inquiry Point, please visit:

<https://www.nist.gov/standardsgov/what-we-do/trade-regulatory-programs/usa-wto-tbt-inquiry-point>

Contact the USA TBT Inquiry Point at:(301) 975-2918; Fax: (301) 926-1559; E-mail: usatbtep@nist.gov or notifyus@nist.gov.

Information Concerning

American National Standards

Call for Members

INCITS Executive Board – ANSI Accredited SDO and US TAG to ISO/IEC JTC 1, Information Technology

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

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

Membership in the INCITS Executive Board is open to all directly and materially affected parties in accordance with INCITS membership rules. To find out more about participating on the INCITS Executive Board, contact Jennifer Garner at jgarner@itic.org or visit <http://www.incits.org/participation/membership-info> for more information.

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

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

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

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

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

ANSI Accredited Standards Developers

Reaccreditation

American Academy of Forensic Sciences (AAFS)

Comment Deadline: September 4, 2017

The American Academy of Forensic Sciences (AAFS), an ANSI member and Accredited Standards Developer, has submitted revisions to its currently accredited operating procedures for documenting consensus on AAFS-sponsored American National Standards, under which it was originally accredited in December 2015. As the current revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Dr. Mary McKiel, Communications Liaison Officer, American Academy of Forensic Sciences, 410 North 21st Street, Colorado Springs, CO 80904; phone: 719.636.1100; e-mail: mmac684@gmail.com. You may view/download a copy of the revisions during the public review period at the following URL: www.ansi.org/accredPR. Please submit any public comments on the revised procedures to AAFS by September 4, 2017, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthomps@ANSI.org).

International Organization for Standardization (ISO)

ISO Proposals for New Fields of ISO Technical Activity

Packaging Machinery

Comment Deadline: September 8, 2017

UNI, the ISO member body for Italy, has submitted to ISO a proposal for a new field of ISO technical activity on Packaging Machinery, with the following scope statement:

Standardization of packaging machines with reference to the aspects of terminology, classification, design and safety.

The scope of the ISO TC will be broad enough to cover the machines used to package products. These machines perform packaging functions for primary, secondary, and tertiary (transport / distribution) packaging. Associated equipment are included.

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 8, 2017.

Social Responsibility

Comment Deadline: August 25, 2017

SIS, the ISO member body for Sweden, has submitted to ISO a proposal for a new field of ISO technical activity on Social Responsibility, with the following scope statement:

Standardization in the field of social responsibility, as defined in ISO 26000:

Social responsibility

responsibility of an organization for the impacts of its decisions and activities on society and the environment, through transparent and ethical behavior that

- contributes to sustainable development, including health and the welfare of society;
- takes into account the expectations of stakeholders;
- is in compliance with applicable law and consistent with international norms of behavior; and
- is integrated throughout the organization and practiced in its relationships.

Excluded: areas that are dealt with by other technical committees

NOTE: This TC will only develop ISO deliverables in areas that are outside the scope of other existing ISO Technical Committees. Therefore, the main focus areas are general methods for social responsibility management, Human Rights, Fair Operating Practices, Consumer issues, Sustainable Consumption, and Community Involvement and Development.

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 25, 2017.

Information Concerning

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 269 – *Railway Applications* and Subcommittees

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 269, ISO/TC 269/SC 1, ISO/TC 269/SC 2 and ISO/TC 269/SC 3 and therefore ANSI is not a member of these committees. The international standardization efforts are being led at present by Germany alongside 21 other countries such as France, the UK, Russia, China, and Sweden.

ISO/TC 269 – *Railway applications* operates under the following scope:

Standardization of all systems, products and services specifically related to the railway sector, including design, manufacture, construction, operation, and maintenance of parts and equipment, methods and technology, interfaces between infrastructure, vehicles and the environment, excluding those electrotechnical and electronic products and services for railways which are within the scope of IEC/TC 9.

ISO/TC 269/SC 1 – *Infrastructure* operates under the following scope:

Standardization in the field of railway infrastructure, including areas such as railway tracks, platforms, stations and shunting yards, as well as railway specific needs for tunnels, bridges and other civil works, and addressing: design, construction and installation requirements, testing and conformity assessment of ground equipment as well as maintenance criteria for their entire life cycle.

ISO/TC 269/SC 2 – *Rolling stocks* operates under the following scope:

Standardization in the field of railway rolling stock products, equipment and systems, including areas such as locomotives, passenger cars, freight wagons, on track machines, multiple units, underground and light rail vehicles, and addressing: design, manufacture and installation requirements, testing and conformity assessment of on-board equipment and rolling stock as well as maintenance criteria for their entire life cycle.

ISO/TC 269/SC 3 – *Operations and services* operates under the following scope:

Standardization of requirements and guidance relating to operations and services in the railway system and related equipment, which are required in and between railway stakeholders as well as at the technical interfaces between railway operators and railway users such as passengers and shippers in order to realize safe, reliable, convenient and sustainable railway transport.

A recent proposal in ISO/TC 269 was recently circulated that may garner more US interest. A recent proposal for a standard has been initiated titled, "*Railway applications -- Guidelines for planning of operational concepts for earthquake events*". The proposed scope of this particular project is as follows:

This document specifies the planning method for operational concepts, which consist of procedures and basic requirements for train operation, in order to reduce customer and railway operator risk due to earthquake occurrence.

This document defines the principles of planning for five stages of train operation in the occurrence of an earthquake. Moreover, this document addresses the guidelines for planning of operational concepts for setting of the operational procedures in five stages, which consist of:

- 1. detection of earthquake*
- 2. judgement for operational restriction*
- 3. operational restriction*
- 4. inspection*
- 5. resumption of operational service and describing factors, elements, and/or conditions on which these procedures are based, and also for indicating the basic requirements of the functions necessary for the implementation of the above procedures in practice.*

The operational procedures for the five stages, will be underpinned by fundamental planning activities which support all stages. This document includes only operational measures (active measures) and excludes any infrastructure measures (passive measures). Furthermore, this document does not include specific measures which ensure, without failure, passenger safety or provide protection against train-operational damage caused by earthquakes, and therefore residual risk may remain. Application of this document complies with the specific laws or decrees applicable within the prevailing environment where the targeted railway is located.

If you are interested in learning more about the ISO/TC 269 and how to become involved, please write to kcalifra@ansi.org for more information.

Information Concerning Notice of INCITS Standards to Continue as American National Standards (ANS) under Stabilized Maintenance

This announcement is made in accordance with 4.7.3, *Stabilized maintenance of American National Standards of the ANSI Essential Requirements* (www.ansi.org/essentialrequirements).

On May 29, 2017, the INCITS Executive Board completed their approval for the 10-year stabilized maintenance action for the standards listed. It has been determined in connection with this approval that the standards shall continue to be maintained under the stabilized maintenance option. Questions may be directed to comments@standards.incits.org.

Standard Designation	Title
INCITS 111-1986[S2017]	Information Systems - Optical Character Recognition (OCR) - Matrix Character Sets for OCR-MA
INCITS 112-1984[S2017]	14-Inch (356 mm) Diameter Low Surface Friction Magnetic Storage Disk
INCITS 115-1984[S2017]	Physical, Mechanical & Magnetic Characteristics of an Unformatted 80 Megabyte Trident Pack for Use at 370 TPI, 6000BPI
INCITS 116-1986[S2017]	Recorded Magnetic Tape Cartridge, for Information Interchange, 4-track, Serial, 0.250 in. (6.30 mm), 6400 bpi (252 bpm), Inverted Modified Frequency Modulation Encoded
INCITS 117-1984[S2017]	Printable/Image Areas for Text and Facsimile Communication Equipment
INCITS 119-1984[S2017]	Contact Start/Stop Storage Disk, 158361 Flux Transitions Per Track, 8.268 Inch Outer and 3.937 Inch Inner Diameters
INCITS 120-1984[S2017]	Contact Start/Stop Storage Disk, 95840 Flux Transitions Per Track, 7.874 Inch Outer & 2.50 Inch Inner Diameters
INCITS 126-1986[S2017]	One or Two-sided Double Density Unformatted 5.25 inch 96 Tracks per inch Flexible Disk Cartridge -- General, Physical and Magnetic Requirements
INCITS 127-1986[S2017]	Unrecorded Magnetic Tape Cartridge for Information Interchange - 0.250 in (6.30mm), 6400-10000 ftpi (252-394 ftpmm)
INCITS 136-1986[S2017]	Serial Recorded Magnetic Tape Cartridge for Information Interchange, 4 and 9 track, 0.250 in. (6.30 mm) 8000 bpi, GCR Streaming Mode, Group Code Recording
INCITS 139-1986[S2017]	Fiber Distributed Data Interface - Media Access Control (FDDI-MAC)
INCITS 150-1986[S2017]	Office Machines and Business Forms Character and Line Spacing
INCITS 151-1986[S2017]	Basic Sheet Sizes and Standard Stock Sizes for Bond Paper and Index Bristols
INCITS 152-1986[S2017]	Specifications for Single-Ply, Non-carbonized Adding Machine Paper
INCITS 163-1988[S2017]	A Contact Start/Stop Metallic Thin Film Storage Disk, 83,333 Flux Transition Per Track, 130MM Outer Dia. & 40MM Inner Dia
INCITS 17-1981[S2017]	Character Set for Optical Character Recognition (OCR-A)

INCITS 179-1990[S2017]	Contact Start-Stop Metallic Thin-Film Storage Disk - 83 333 Flux Transitions per Track 95-mm (3.740 in) Outer Diameter and 25-mm (0.984 in) Inner Diameter and 1.27-mm (0.050 in) Thickness
INCITS 182-1990[S2017]	Information Systems - Bar Code Print Quality Guideline
INCITS 186-1992[S2017]	Fiber Distributed Data Interface (FDDI) Hybrid Ring Control (HRC)
INCITS 189-1991[S2017]	Interface between DTE and DCE for Terminals Operating in the Packet Mode and Accessing a Packet Switched Public Data Network through Switched Access
INCITS 197-1991[S2017]	Unrecorded Magnetic Tape & Cartridge for Information Interchange -1/2 in (12.65) Serial Serpentine, 22-Track, 6 667 ftpi (262 ftpmm) & 48-Track 10 000 ftpi (394 ftpmm)
INCITS 203-1992[S2017]	Helical-Scan Digital Computer Tape Cartridge, 3.81 mm (0.150 in) - Digital Data Storage (DDS) Recorded Format for Information Interchange
INCITS 204-1992[S2017]	Recorded Magnetic Tape Cartridge for Information Interchange 15 & 18 Tracks, 0.250 in (6.30 mm), 10 000 bpi (394 bpmm), Streaming Mode Group Code Recording
INCITS 205-1992[S2017]	Helical-Scan Digital Computer Tape Cartridge, 3.81 mm (0.150 in), DATA/DAT Recorded Format for Information Interchange
INCITS 209-1992[S2017]	Information Systems - Optical Character Recognition (OCR) Matrix Character Sets for OCR-MB
INCITS 21-1967[S2017]	Rectangular Holes in Twelve-Row Punched Cards
INCITS 39-1986[S2017]	Recorded Magnetic Tape for Information Interchange (1600 CPI, PE)
INCITS 45-1982[S2017]	Information Systems - Character Set for Handprinting
INCITS 46-1974[S2017]	Unrecorded Magnetic Six-Disk Pack (General, Physical, and Magnetic Characteristics)
INCITS 48-1986[S2017]	Magnetic Tape Cassette for Information Interchange (3.81 mm, 0.150 inch) Tape at 32 bpmm (800 BPI), Phase Encoded
INCITS 49-1975[S2017]	Character Set for Optical Character Recognition (OCR-B)
INCITS 52-1976[S2017]	Unrecorded Single Disk Cartridge (Front Loading, 2200 BPI), General, Physical and Magnetic Requirements
INCITS 54-1986[S2017]	Recorded Magnetic Tape for Information Interchange (6250 CPI, Group-Coded Recording)
INCITS 55-1992[S2017]	Unrecorded Magnetic Tape Cartridge for Information Interchange, 0.250 Inch (6.30 mm), 1600 BPI (63 bpmm), Phase Encoded
INCITS 56-1986[S2017]	Recorded Magnetic Tape Cartridge for Info. Interchange, 4-Track, 0.250 Inch (6.30 mm), 1600 bpi, (63 bpmm), Phase Encoded
INCITS 58-1977[S2017]	Unrecorded Magnetic Eleven-Disk Pack, General Physical and Magnetic Characteristics
INCITS 62-1987[S2017]	Information Systems - Optical Character Recognition (OCR) - Paper used in OCR Systems
INCITS 62:1987/AM 1-1999[S2017]	Information Systems - Optical Character Recognition (OCR) - Paper used in OCR Systems - Amendment 1
INCITS 73-1980[S2017]	Single-Sided Unformatted Flexible Disk Cartridge for 6631 BPR Use

INCITS 76-1981[S2017]	Unformatted Single-Disk Cartridge (Top Loading, 200 tpi, 4400 bpi), General, Physical and Magnetic Requirements
INCITS 86-1980[S2017]	Optical Character Recognition (OCR) Inks
INCITS 89-1981[S2017]	Unrecorded Single-Disk, Double-Density Cartridge (Front Loading 2200 BPI, 200 TPI), General, Physical and Magnetic Requirements
INCITS 93M-1981[S2017]	Optical Character Recognition (OCR) Character Positioning
INCITS 96-1983[S2017]	Paper Sizes for Single Part Continuous Business Forms
INCITS 99-1983[S2017]	Information Systems - Optical Character Recognition (OCR) - Guidelines for OCR Print Quality
INCITS/ISO/IEC 4341:1978[S2017]	Magnetic Tape Cassette and Cartridge Labeling and File Structure for Information Interchange
INCITS 165-1992[S2017]	Programming Language DIBOL
INCITS 94-1985[S2017]	Programming Language - Programming Aid for Numerically Controlled Manufacturing (PANCM)



**BSR/ASHRAE/IES Addendum c
to ANSI/ASHRAE/IES Standard 100-2015**

Public Review Draft

**Proposed Addendum c to
Standard 100-2015, Energy
Efficiency in Existing Buildings**

**First Public Review (August 2017)
(Draft shows Proposed Changes to Current Standard)**

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

This standard is under continuous maintenance. To propose a change to the current standard, use the change submittal form available on the ASHRAE website, www.ashrae.org.

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

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

FOREWORD

This proposed addendum clarifies the energy audit requirements for buildings without energy targets by making it clear when a level 1 audit can be used to comply with the standard.

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

Addendum c to 100-2015

Revise Section 8.2 as shown below. The remainder of Section 8.2 is unchanged.

8.2 Energy Audit Requirements for Buildings without Energy Targets

8.2.1 Overall Process. An energy audit shall be conducted for all buildings not having an energy target. The energy audit and the associated energy audit report shall be completed by a qualified energy auditor practicing within their field of competency. The energy audit shall be a Level 2 audit (as defined in Section 8.4.2) ~~and shall not be required to cost more than 10% of the building's annual energy expenditure. If the scope of a Level 2 audit would result in an audit cost that exceeds 10% of the building's annual energy expenditure, the scope of that audit may be limited to meet the cost cap.~~ For a building having a gross floor area 10,000 square feet or less it is permissible to conduct a Level 1 audit (as defined in Section 8.4.1) or a Level 2 audit (as defined in Section 8.4.2).

Exception: Buildings that have completed an energy audit within the previous three years may use the results of the previous audit, provided that the scope of the energy audit meets the requirements of this section and that there have been minimal changes to the systems within the audit scope.



**BSR/ASHRAE/IES Addendum d
to ANSI/ASHRAE/IES Standard 100-2015**

Public Review Draft

**Proposed Addendum d to
Standard 100-2015, Energy
Efficiency in Existing Buildings**

**First Public Review (August 2017)
(Draft shows Proposed Changes to Current Standard)**

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

This standard is under continuous maintenance. To propose a change to the current standard, use the change submittal form available on the ASHRAE website, www.ashrae.org.

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FOREWORD

This proposed addendum provides an informative annex that provides additional guidance on selecting the appropriate building type.

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

Addendum d to 100-2015

Add the following Informative Note under Table 7-1. The remainder of Table 7-1 is unchanged.

Informative Note: Informative Annex M provides additional guidance on selecting the appropriate building type for a portion of the Commercial Building Types.

Add Informative Annex M – Guidance on Building Type Definitions.

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

INFORMATIVE ANNEX M **GUIDANCE ON BUILDING TYPE DEFINITIONS**

Table M-1 lists subtypes for several building types/activities listed in Table 7-1. Observations in the 2003 CBECS data are not identified at the subtype level. These subtypes provide examples of more specific building uses included within the types. The information used to develop this table was compiled from the CBECS website (EIA 2017) and communication between ORNL and the EIA.

<u>TABLE M-1 Subtypes Included in CBECS 2003 Commercial Building Types</u>		
<u>No. in Table 7-1</u>	<u>Commercial Building Type</u>	<u>Includes Subtype</u>

<u>1</u>	<u>Admin/professional office</u>	<u>Non-profit/social services</u>
		<u>Religious office</u>
		<u>Sales office</u>
<u>3</u>	<u>Government office</u>	<u>City hall/city center</u>
<u>6</u>	<u>Other office</u>	<u>Call center</u>
		<u>Contractors office</u>
<u>12</u>	<u>Other food sales</u>	<u>Bakery</u>
<u>17</u>	<u>Clinic/other outpatient health</u>	<u>Outpatient rehab center</u>
		<u>Veterinarian</u>
<u>20</u>	<u>Entertainment/culture</u>	<u>Museum</u>
		<u>Theater</u>
		<u>Cinema</u>
		<u>Sports arena</u>
		<u>Casino</u>
		<u>Night club</u>
<u>22</u>	<u>Recreation</u>	<u>Gymnasium</u>
		<u>Health club</u>
		<u>Bowling alley</u>
		<u>Ice rink</u>
		<u>Field house</u>
		<u>Indoor racquet sports</u>
<u>23</u>	<u>Social/meeting</u>	<u>Community center</u>
		<u>Lodge</u>
		<u>Meeting hall</u>
		<u>Convention center</u>
		<u>Senior center</u>
<u>24</u>	<u>Other public assembly</u>	<u>Armory</u>
		<u>Broadcasting studio</u>
		<u>Exhibition hall</u>
		<u>Funeral home</u>
		<u>Student activities center</u>
		<u>Transportation terminal</u>
<u>29</u>	<u>Other classroom education</u>	<u>Adult education</u>
		<u>Career/vocational training</u>
		<u>Religious education</u>
<u>32</u>	<u>Other food service</u>	<u>Catering service</u>
		<u>Coffee/bagel/doughnut shop</u>
		<u>Ice cream/frozen yogurt shop</u>
		<u>Reception hall</u>
<u>38</u>	<u>Other lodging</u>	<u>Convent/monastery</u>
		<u>Halfway house</u>

		<u>Retirement home</u>
		<u>Shelter/orphanage/children's home</u>
<u>41</u>	<u>Other retail</u>	<u>Beer/wine/liquor store</u>
		<u>Rental center</u>
		<u>Studio/gallery</u>
<u>45</u>	<u>Vehicle storage/maintenance</u>	<u>Car barn</u>
<u>46</u>	<u>Other service</u>	<u>Beauty parlor/barber shop</u>
		<u>Car wash</u>
		<u>Copy center/printing service</u>
		<u>Dry cleaner/laundromat</u>
		<u>Gas station</u>
		<u>Kennel/animal shelter/pet grooming</u>
		<u>Photo processing shop</u>
		<u>Tanning salon</u>

REFERENCES

“Building Type Definitions,” EIA, accessed February 27, 2017.
www.eia.gov/consumption/commercial/building-type-definitions.php

Specification for Nickel and Nickel-Alloy Welding Electrodes for Shielded Metal Arc Welding

1. Scope

1.1 This specification prescribes requirements for the classification of nickel and nickel-alloy covered electrodes for shielded metal arc welding. It includes those compositions in which the nickel content generally exceeds that of any other element.¹

1.2 Safety and health issues and concerns are beyond the scope of this standard and, therefore, are not fully addressed herein. Some safety and health information can be found in annex Clauses A5 and A10. Safety and health information is available from other sources, including, but not limited to, ANSI Z49.1, *Safety in Welding, Cutting, and Allied Processes*, and applicable federal and state regulations.

1.3 This specification makes use of both U.S. Customary Units and the International System of Units (SI). The measurements are not exact equivalents; therefore, each system must be used independently of the other without combining in any way when referring to material properties. The specification with the designation A5.11 uses U.S. Customary Units. The specification A5.11M uses SI Units. The latter are shown within brackets ([]) or in appropriate columns in tables and figures. Standard dimensions based on either system may be used for sizing of filler metal or packaging or both under A5.11 or A5.11M specifications.

2. Normative References

2.1 The following standards contain provisions which, through reference in this text, constitute provisions of this AWS standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreement based on this AWS standard are encouraged to investigate the possibility of applying the most recent edition of the documents shown below. For undated references, the latest edition of the standard referred to applies.

2.2 The following AWS standards are referenced in the mandatory clauses of this document:

- (1) AWS A1.1, *Metric Practice Guide for the Welding Industry*
- (2) AWS A3.0M/A3.0, *Standard Welding Terms and Definitions including Terms for Adhesive Bonding, Brazing, Soldering, Thermal Cutting, and Thermal Spraying*
- (3) AWS A5.01M/A5.01 (ISO 14344 MOD), *Welding Consumables – Procurement of Filler Metals and Fluxes*
- (4) AWS A5.02/A5.02M:2007, *Specification for Filler Metal Standard Sizes, Packaging, and Physical Attributes*
- (5) AWS B4.0, *Standard Methods for Mechanical Testing of Welds*

¹ Nickel-base covered electrodes for welding cast iron are treated separately in AWS A5.15, *Specification for Welding Electrodes and Rods for Cast Iron*.

(6) AWS B4.0M, *Standard Methods for Mechanical Testing of Welds*

(7) AWS F3.2, *Ventilation Guide for Weld Fume*

2.3 The following ANSI standard is referenced in the mandatory clauses of this document:

(1) ANSI Z49.1 *Safety in Welding, Cutting, and Allied Processes*

2.4 The following ASTM standards are referenced in the mandatory clauses of this document:

(1) ASTM A 131/A 131M, *Standard Specification for Structural Steel for Ships*

(2) ASTM A 240/A 240M, *Standard Specification for Chromium and Chromium-Nickel Stainless Steel Plate, Sheet, and Strip for Pressure Vessels and for General Applications*

(3) ASTM A 285/A 285M, *Standard Specification for Pressure Vessel Plates, Carbon Steel, Low- and Intermediate-Tensile Strength*

(4) ASTM A 515/A 515M, *Standard Specification for Pressure Vessel Plates, Carbon Steel, for Intermediate- and Higher-Temperature Service*

(5) ASTM A 560/A 560M, *Standard Specification for Castings, Chromium-Nickel Alloy*

(6) ASTM B 127, *Standard Specification for Nickel-Copper Alloy (UNS N04400) Plate, Sheet, and Strip*

(7) ASTM B 160, *Standard Specification for Nickel Rod and Bar*

(8) ASTM B 162, *Standard Specification for Nickel Plate, Sheet, and Strip*

(9) ASTM B 164, *Standard Specification for Nickel-Copper Alloy Rod, Bar, and Wire*

(10) ASTM B166, *Standard Specification for Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06025, N06045, and N06696) Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Rod, Bar, and Wire*

(11) ASTM B 167, *Standard Specification for Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06045) Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) and Nickel-Iron-Chromium,-Tungsten Alloy (UNS N06674) Seamless Pipe and Tube*

(12) ASTM B 168, *Standard Specification for Nickel-Chromium-Iron Alloys (UNS N06600, N06601, N06603, N06690, N06693, N06025, N06045, and N06696) Nickel-Chromium-Cobalt-Molybdenum Alloy (UNS N06617) and Nickel-Iron-Chromium-Tungsten Alloy (UNS N06674) Plate, Sheet, and Strip*

(13) ASTM B 333, *Standard Specification for Nickel-Molybdenum Alloy Plate, Sheet, and Strip*

(14) ASTM B 435, *Standard Specification for UNS N06002, UNS N06230, UNS N12160, and UNS R30556 Plate, Sheet, and Strip*

(15) ASTM B 443, *Standard Specification for Nickel-Chromium-Molybdenum-Columbium Alloy (UNS N06625), and Nickel-Chromium-Molybdenum-Silicon Alloy (UNS N06219) Plate, Sheet, and Strip*

(16) ASTM B 446, *Standard Specification for Nickel-Chromium-Molybdenum-Columbium Alloy (UNS N06625), Nickel-Chromium-Molybdenum-Silicon Alloy (UNS N06219), and Nickel-Chromium-Molybdenum-Tungsten Alloy (UNS N06650), Rod and Bar*

(17) ASTM B 575, *Standard Specification for Low-Carbon Nickel-Chromium-Molybdenum-Low-Carbon Nickel-Chromium-Molybdenum-Copper, Low-Carbon Nickel-Chromium-Molybdenum-tantalum, Low-Carbon Nickel-Chromium-Molybdenum-Tantalum, and Low-Carbon Nickel-Molybdenum-Chromium Alloy Plate, Sheet, and Strip*

(18) ASTM B 582, *Standard Specification for Nickel-Chromium-Iron-Molybdenum-Copper Alloy Plate, Sheet, and Strip*

(19) ASTM E 29, *Standard Practice for Using Significant Digits in Test Data to Determine Conformance with Specifications*

(20) ASTM E 76, *Standard Methods for Chemical Analysis of Nickel-Copper Alloys*

(21) ASTM E 354, *Standard Test Methods for Chemical Analysis of High-temperature, Electrical, Magnetic and Other Similar Iron, Nickel, and Cobalt Alloys*

(22) ASTM E 1019, *Standard Test Methods for Determination of Carbon, Sulfur, Nitrogen, and Oxygen in Steel, Iron, Nickel and Cobalt Alloys by Various Combustion and Fusion Techniques*

(23) ASTM E 1032, *Standard Test Method for Radiographic Examination of Weldments*

(24) ASTM E 1473, *Standard Test Methods for Chemical Analysis of Nickel, Cobalt, and High Temperature Alloys*

2.5 The following ISO standards are referenced in the mandatory clauses of this document:

(1) ISO 544, *Welding Consumables — Technical Delivery Conditions for Welding Filler Materials and Fluxes – Type of Product, Dimensions, Tolerances and Markings*

(2) ISO 14172, *Welding Consumables—Covered Electrodes for Manual Metal Arc Welding of Nickel and Nickel Alloys--Classification*

(3) ISO 80000-1, *Quantities and Units-part 1: General*

3. Classification

3.1 The welding electrodes covered by the A5.11/A5.11M specification are classified using a system that is independent of U.S. Customary Units and the International System of Units (SI). Classification is according to the chemical composition of their undiluted weld metal, as specified in Table 1.

3.2 Electrodes classified under one classification shall not be classified under any other classification in this specification. However, material may be classified under both A5.11 and A5.11M specifications.

4. Acceptance

Acceptance² of the electrodes shall be in accordance with the provisions of AWS A5.01M/A5.01 (ISO 14344 MOD).

5. Certification

By affixing the AWS specification and classification designation to the packaging, or the classification to the product, the manufacturer certifies that the product meets the requirements of this specification.³

6. Rounding Procedure

For purposes of determining compliance with the requirements of this standard, the actual test values obtained shall be subjected to the rounding rules of ASTM E 29 or Rule A in Clause B.3 of ISO 80000-1 (the results are the same). If the measured values are obtained by equipment calibrated in units other than those of the specified limit, the measured values shall be converted to the units of the specified limit before rounding. If an average value is to be compared to the specified limit, rounding shall be done only after calculating the average. An observed or calculated value shall be rounded to the nearest 1 000 psi (1 ksi) for tensile and yield strength for A5.11 or to the nearest 10 MPa for tensile and yield strength for A5.11M; and to the nearest unit in the last right-hand place of figures used in expressing the limiting values for other quantities. The rounded results shall fulfil the requirements for the classification under test.

7. Summary of Tests

The tests required for classification are specified in Table 2. The purpose of these tests is to determine the chemical composition, the mechanical properties and soundness of the weld metal, and the usability of the electrode. The base metal for the weld test assemblies, the welding and testing procedures to be employed, and the results required are given in Clause 9, Weld Test Assemblies, through Clause 13, Bend Test.

8. Retest

8.1 If the results of any test fail to meet the requirement, that test shall be repeated twice. The results of both retests shall meet the requirement. Specimens for retest may be taken from the original test assembly, or from one or two new test assemblies. For chemical analysis, retest need be only for those specific elements that failed to meet the test requirement.

²See Annex Clause A3 for further information concerning acceptance and testing of the material shipped, as well as AWS A5.01M/A5.01 (ISO 14344 MOD).

³See Annex Clause A4 for further information concerning certification and the testing called for to meet this requirement.

8.2 If the results of one or both retests fail to meet the requirement, the material under test shall be considered as not meeting the requirements of this specification for that classification.

8.3 In the event that, during preparation or after completion of any test, it is clearly determined that prescribed or proper procedures were not followed in preparing the weld test assembly or test specimen(s) or in conducting the test, the test shall be considered invalid, without regard to whether the test was actually completed, or whether test results met, or failed to meet, the requirement. That test shall be repeated, following proper prescribed procedures. In this case, the requirement for doubling of the number of test specimens does not apply.

9. Weld Test Assemblies

9.1 To perform all required tests as specified in Table 2, a minimum of one weld test assembly is required. Two, or even three, may be necessary (according to the classification, size, and manner in which the testing is conducted, i.e., with respect to alternative options).

The weld test assemblies are identified as follows:

- (1) The weld pad in Figure 1 for chemical analysis of the undiluted weld metal
- (2) The groove weld in Figure 2 for mechanical properties and soundness
- (3) The groove weld in Figure 3 for radiographic soundness

The sample for chemical analysis may be taken from a low dilution area in the groove weld in Figure 2, or from the reduced section of the fractured tension test specimen, thereby avoiding the need to make the weld pad. In case of dispute, the weld pad shall be the referee method.

9.2 Preparation of each weld test assembly shall be as prescribed in 9.3, 9.4.1, and 9.4.2. The base metal for each assembly shall meet the requirements of the appropriate ASTM specification shown in Table 3 or an equivalent specification. Testing of assemblies shall be as prescribed in Clauses 10 through 13.

9.3 Weld Pad. A weld pad shall be prepared as specified in Table 2 and shown in Figure 1, except when one of the alternatives in 9.1 (taking the sample from the weld metal in the groove or from the tension test specimen) is selected. Base metal of any convenient size, of the type specified in Table 3, shall be used as the base for the weld pad. The surface of the base metal on which the filler metal is deposited shall be clean. The pad shall be welded in the flat position with multiple beads and layers to obtain undiluted weld metal. The type of current and range of amperage used for welding shall be as recommended by the manufacturer. The preheat temperature shall be not less than 60°F [16°C] and the interpass temperature shall not exceed 300°F [150°C]. The slag shall be removed after each pass. The pad may be quenched in water (temperature above 60°F [16°C]) between passes. The dimensions of the completed pad shall be as shown in Figure 1 for each size of electrode. Testing of this assembly shall be as specified in Clause 10, Chemical Analysis.

9.4 Groove Weld

9.4.1 Mechanical Properties and Soundness. A test assembly shall be prepared and welded as specified in Table 2 and shown in Figure 2, using base metal of an appropriate type specified in Table 3. Testing of this assembly shall be as specified in Clause 12, Tension Test, and Clause 13, Bend Test. Additionally, this assembly may be used to satisfy the requirements of the flat position

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[Note – the changes are seen below using strikeout for removal of old text and gray highlights to show the suggested text. ONLY the highlighted text is within the scope of this ballot.]

NSF/ANSI Standard for Drinking Water Treatment Chemicals– Health Effects

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6 Disinfection and oxidation chemicals

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6.3 General requirements

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6.3.3 Perchlorate in sodium hypochlorite samples

6.3.3.1 Manufacturer’s use instructions

Because aged solutions of sodium hypochlorite may contain elevated levels of chlorate and perchlorate, Certification Listings and the manufacturer’s use instructions, or documentation supplied with the product that reference this Standard, shall reference the recommended handling and storage practices contained in AWWA B300 – Hypochlorites.

6.3.3.2 Production dates and repackaging dates

For sodium hypochlorite products, the ~~The~~ manufacturing date, and if applicable the repackaging date, for the product shall be included on the documentation supplied with any shipment.

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BSR/UL 10D, Standard for Safety for Fire Tests of Fire Protective Curtain Assemblies

1. Merging Horizontal and Vertical Requirements

(REVISED)

5 Special Features

5.2 Horizontally or vertically oriented fire protective curtain assemblies that utilize a motor operator to facilitate motorized operation of the fire-protective curtain shall meet the applicable requirements of the Standard for Door, Drapery, Gate, Louver, and Window Operators and Systems, UL 325, and or where applicable, the Standard for Control Units and Accessories for Fire Alarm Systems, UL 864.

(REVISED)

7 Time-Temperature Curve

7.1 General

7.1.1 The fire exposure of the horizontally or vertically oriented fire-protective curtain assembly shall be controlled to conform to the applicable portion of the standard time-temperature curve shown in Appendix A. The points on the curve that determine its character are:

1000°F (538°C) at 5 minutes
1300°F (704°C) at 10 minutes
1462°F (795°C) at 20 minutes
1550°F (843°C) at 30 minutes
1638°F (892°C) at 45 minutes
1700°F (927°C) at 1 hour
1792°F (978°C) at 1-1/2 hours
1850°F (1010°C) at 2 hours
1925°F (1052°C) at 3 hours
2000°F (1093°C) at 4 hours

(REVISED)

10 Construction and Size

10.1 The design, construction, materials and size of the test assembly, consisting of the horizontally or vertically oriented fire-protective curtain, assembly and subassembly, shall be representative of that for which the rating is desired. A minimum test assembly size of 10 X 10 ft (3048 X 3048 mm) shall be used in testing unless a smaller sized opening protective approval is desired.

(REVISED)

18 Specific

18.1 No flaming shall occur on the unexposed surface of a horizontally or vertically oriented fire-protective curtain assembly. Sustained visible flaming shall constitute a failure. For vertically oriented fire-protective curtain assemblies the sample shall not permit the passage of hot gases sufficient to ignite the cotton pad.

18.2 The movement of a vertically oriented fire-protective curtain assembly during or after the fire endurance test shall not be more than the clearances described in 18.2.1 through 18.2.3.

18.2.1 Vertical through openings between the edge of the vertically oriented fire-protective curtain and a fixed curtain track (if employed) are limited to 3/8-inch (9.5-mm) wide maximum.

18.2.2 Vertical through openings between the vertically oriented fire-protective curtain track (if employed) and the subassembly are limited to 3/8-inch (9.5-mm) wide maximum.

18.2.3 Horizontal through openings between the bottom of the vertically oriented fire-protective curtain assembly and the simulated floor of the subassembly are limited to 3/4-inch (19-mm) wide maximum.

18.3 Vertical through openings between the edge of the horizontally oriented fire protective curtain and a fixed curtain track (if employed) are limited to 3/8 inch (9.5 mm) wide maximum.

~~18.4~~ 18.3 Vertical through openings between the horizontally oriented fire-protective curtain track (if employed) and a subassembly are limited to 3/8-inch (9.5-mm) wide maximum.

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BSR/UL 355, Standard for Safety for Cord Reels

PROPOSAL

(NEW)

14.2 A supplementary Class 2 charging circuit provided in a cord reel shall comply with all applicable requirements for that circuitry as described in the Standard for Class 2 Power Units, UL 1310.

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BSR/UL 875, Standard for Safety for Electric Dry Bath-Heaters

PROPOSAL

1. Update to requirements for coin cell batteries

~~3B.2 Button or coin cell batteries of lithium technologies~~

~~3B.2.1 The battery compartment of an appliance or any accessory, such as a wireless control, incorporating one or more coin cell batteries of lithium technologies shall comply with the Standard for Products Incorporating Button or Coin Cell Batteries of Lithium Technologies, UL 4200A, if the appliance or any accessory:~~

~~a) Is intended for use with one or more single cell batteries having a diameter of 32 mm (1.25 in) maximum with a diameter greater than its height; and~~

~~b) The appliance is intended for household use.~~

~~Exception: Not applicable to appliances and accessories intended for use where the battery is not intended to be replaced and is not referenced in instructions and markings.~~

5A Button or Coin Cell Batteries of Lithium Technologies

5A.1 The battery compartment of an appliance or any accessory, such as a wireless control, incorporating one or more coin cell batteries of lithium technologies shall comply with the Standard for Products Incorporating Button or Coin Cell Batteries of Lithium Technologies, UL 4200A, if the appliance or any accessory:

a) Is intended for use with one or more single cell batteries having a diameter of 32 mm (1.25 in) maximum with a diameter greater than its height; and

b) The appliance is intended for household use.

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BSR/UL 1278, Standard for Movable and Wall- or Ceiling-Hung Electric Room Heaters

1. Product Enclosures

PROPOSAL

3.18.1 PRODUCT ENCLOSURES - That part of the product (metallic or nonmetallic) that:

- a) Renders inaccessible all or any parts of the equipment that may otherwise present a risk of electric shock, injury to persons, and
- b) ~~Is subjected to the Enclosure Requirements in UL 746C, Table 4.1, Path II. See 7.10.~~ Retards propagation of flame initiated by electrical disturbances occurring within.

7.11 Product enclosures made of non-metallic materials shall comply with the Standard for Polymeric Materials - Use in Electrical Equipment Evaluations, UL 746C, Table 4.1, Path II with a Minimum Flammability Rating V-0.

2. Cautionary Mark

PROPOSAL

8.13 A product may employ a resettable temperature control when the reset means is inaccessible if designed in a manner that the product cannot be disassembled with readily available tools, such as screw drivers, wrenches, and similar tools, and the product or instruction sheet is marked in accordance with 67.4. Such fasteners as rivets, one way screws, tamper resistant type screws, fasteners not readily accessible after assembly, and similar fasteners would be considered as causing the product to be not readily disassembled.

67.4 A heater shall bear the cautionary marking shown in Figure 67.1. The marking shall be located so that it is clearly visible if servicing is attempted on the heater and shall have the minimum dimensions specified in 67.15. The height of the symbols shall be at least 1 inch (25.4 mm) and they shall be a color that contrasts with that of the background and that matches the lettering.

Exception No. 1: A heater that complies with 8.10 and 8.12 need not comply with this requirement.

Exception No. 2: A heater that complies with 8.13 may have the Cautionary marking located in the instruction manual under the IMPORTANT INSTRUCTIONS section.

BSR/UL 2115, Standard for Safety for Processed Solid-Fuel Firelogs and Firestarters

PROPOSAL

1. Proposed Joint UL/ULC Standard for Processed Solid-Fuel Firelogs and Firestarters

1.1 These requirements cover processed solid-fuel firelogs that are intended for use as an alternative fuel in factory-built fireplaces, solid-fuel burning appliances and masonry fireplaces.

5 Compliance

5.1 Solid fuel firelogs shall comply with the requirements of Parts A and B of this Standard.

5.2 Solid fuel fire starters shall comply with the requirements of Parts A and C of this Standard.

~~9 Temperature – Brand Fire~~

~~9.1 The outside surfaces of a typical factory-built fireplace (with glass doors), solid fuel burning appliance and fireplace insert having burning areas of approximately 0.258 m² are to be instrumented with thermocouples at areas of expected high temperatures. The appliances are then to be installed in accordance with the manufacturer's installation instructions. Provision shall also be made to record the flue temperature.~~

~~NOTE: At the option of the submitter, appliances having larger areas may be used, and appropriate limitations on minimum size included on the marking of the product.~~

~~9.2 Front and rear firebrands are to be prepared as shown in Figure 9.1, using strips of Douglas fir or spruce (moisture content 10 to 12%) finished to 19 by 19 mm, spaced 25 mm apart on centres. The brands are to be for placement in the hearth area as shown in Figure 9.2 which illustrates two conventional shapes of hearths.~~

~~9.3 Each front and rear brand is to have an area in the plan view equal to one third of the total hearth area. Their dimensions are to be such that the front edge of the front brand, when placed as shown in Figure 9.2, will be located approximately one sixth of the maximum hearth depth back from the front edge of the hearth.~~

~~9.4 Appliances having fire chambers or fire chamber openings of unconventional configurations (eg. Conical, parabolic, round) are to use brands that comply with the intent of clauses 9.2 and 9.3.~~

~~9.5 The brands are to be placed on the grate or hearth as illustrated in Figure 9.2.~~

~~9.6 After ignition, one brand is to be added every 7.5 minutes, alternating front and rear or right and left, with the long strips placed downward. Embers are to be levelled, and ashes are not to be removed from the hearth. When an ash pan is provided, ashes are to be removed from the ash pan at 15 min intervals.~~

~~9.7 Temperatures at all points of measurement are to be recorded at regular intervals not exceeding 30 minutes until it is apparent that maximum temperatures have been attained. Maximum temperatures are attained when three successive readings taken at 30 minute intervals show no change or show a decrease.~~

~~9.8 These tests as described in Clause 9.1 – 9.7 are to be repeated using solid fuel firelogs. The logs are to be added to the fire at a rate based on mass/time such that the rate for the logs shall be the same as the rate for the brands. The test shall be conducted until the temperatures on the appliance and in the flue have stabilized.~~

~~NOTE: The rate of fuelling may be reduced if the logs accumulate to the extent of one-half the previous log remaining unburnt at the time of refueling.~~

~~9.9 When tested in accordance with Clause 9.8, the maximum average temperatures on the individual appliance surfaces and in the flue products during any 30 minute period shall not exceed those recorded for the brand fires.~~

Figure 9.1

Brands

(FIGURE DELETED)

Figure 9.2

Typical Relation of Brands to Hearth

(FIGURE DELETED)

10 Temperature – Brand Flash Fire

~~10.1 The flash fire test shall be conducted as a continuation of the Temperature – Brand Fire test.~~

~~10.2 Eight brands are to be stacked on the grate, four in front (left) and four in the rear (right) with the long strips placed downward. Each stack of four brands is to be tied together with wire not larger than 18 AWG (0.82 mm²).~~

~~10.3 Each brand is to have an area in the plan view equal to one third of the total hearth area. The dimensions are to be such that the front edge of the front brand, when placed as shown in Figure 9.2, will be located approximately one sixth of the maximum hearth depth back from the front edge of the hearth.~~

~~10.4 Appliances having fire chambers or fire chamber openings of unconventional configurations (eg. Conical, parabolic, round) are to use brands that comply with the intent of clause 10.3.~~

~~10.5 Appliances of unconventional configurations or constructions are to be tested using a quantity of brands consistent with the intent of these requirements. The quantity of brands to be used is to be such that the brands do not extend into the combustion chamber above the highest point of the combustion chamber opening.~~

~~10.6 Temperatures at all points of measurement are to be recorded at regular intervals not exceeding 5 minutes until it is apparent that maximum temperatures have been attained.~~

~~10.7 The tests described in 10.2—10.6 are to be repeated using solid fuel firelogs. The mass of the logs shall equal the mass of the brand used for the brand flash tests. The total fuel charge shall be loaded into the fuel chamber at one time and allowed to burn.~~

~~10.8 When tested in accordance with Clause 10.7, the maximum average temperatures on the individual appliance surfaces and in the flue products during any 15 minute period shall not exceed those recorded for the brand fires.~~

11 Emissions

~~11.1 Samples of representative soft and hard woods are to be tested in accordance with the requirements for particulates and carbon monoxide levels as contained in CSA B415, Performance Testing for Solid Fuel Burning Appliances. Maximum moisture content of the wood shall be 20%.~~

~~11.2 The tests are to be repeated using the same mass of solid fuel firelogs.~~

~~11.3 The particulate and carbon monoxide emission levels for the composite fire logs shall not exceed those for the soft and hard wood samples.~~

~~11.4 The heater, having a combustion chamber sized as described in Figure 11.1, is to be fuelled in accordance with Table 11.1 and continuous samples of the flue products initiated following the addition of the various test fuels. (sampling during the three preheat periods is not required) The samples shall be analyzed to determine particulate mass and carbon monoxide concentrations. The entire sequence shall be repeated three times.~~

~~11.5 The average mass of particulates and percent concentrations of carbon monoxide for the solid fuel firelogs shall not exceed those for the soft and hard woods.~~

Table 11.1

Fuel	Reference Standard	Total Mass (kg)	Burn Sequence
Cribs	ULC S627	(see 9 Temperature Brand Fire)	1 h
Soft Wood (Spruce)	CSA B415	9.5	To burn out
Cribs	ULC S627	(see 9 Temperature Brand Fire)	30 min
Hardwood (Sugar Maple)	CSA B415	9.5	To burn out
Cribs	ULC S627	(see 9 Temperature Brand Fire)	30 min
Composite Fire Log	CSA B415	-	To burn out

Figure 11.1***Test Appliance Fire Chamber***

(FIGURE DELETED)

Not to scale

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BSR/UL 4248-1, Standard for Safety for Fuseholders – Part 1: General Requirements**1. Withstand Rating on Supplemental Fuseholders**

5.1.4.2 The withstand rating only applies to fuseholders that have subsequent parts of this Standard accept Classes CA, CB, G, K, J, R, T, or CC.

2. Clarification of the Insulating Material Requirements in Table 7.1 of Clause 7.2

Table 7.1
Minimum values for insulating materials

Test specified ^h	Flammability of rating of material ^g			
	V-0	V-1	V-2	HB
Hot Wire Ignition (HWI) ^{f,1} , PLC value (Annex B, Ref. No. 3)	4	3	2	2
High Current Arc Ignition (HAI) ^e , PLC value (Annex B, Ref. No. 10)	3	2	2	1
For fuseholders rated ≤600 volts, Comparative Tracking Index (CTI) under moist conditions ^d , PLC value (Annex B, Ref. No. 2)	3 ^{a,b}	3 ^{a,b}	3 ^{a,b}	3 ^{a,b}
For fuseholders rated > 600 volts but ≤5kV, Inclined Plane Tracking Test ^{c,d} , time-to-track (minutes) (Annex B, Ref. No. 14)	60	60	60	60
For fuseholders rated > 5kV but ≤35kV, Inclined Plane Tracking Test ^{c,d} time-to-track (minutes) (Annex B, Ref. No. 14)	300	300	300	300
^a A material having a maximum comparative tracking index PLC of 4 may be used if the voltage involved is 250 volts or less.				
^b Not applicable if the fuseholder voltage is ≤600 volts and the creepage is greater than or equal to 12.7 mm (1/2 in).				
^c If the fuseholder is rated > 600 volts but ≤35kV and the creepage is more than that specified in the Table of minimum acceptable creepage distances for Pollution degree 3 applications (Annex B, Ref. No. 15) then Inclined Plane Tracking is not required.				
^d Material surface is in contact with or in close proximity (within 0.8 mm (1/32 in)) to:				
1) uninsulated live parts of opposite polarity; or				
2) uninsulated live parts and either:				
a) metal parts that may be grounded in service; or				
b) any surface exposed to contact.				
^e Material is in contact with or in close proximity to uninsulated live parts 0.8 mm (1/32 in) for nonarcing parts or 12.7 mm (1/2 in) for arcing parts.				

^f Material is in contact with or close proximity to uninsulated live parts (within 0.8 mm (1/32 in)).

^g Flammability ratings are tested in accordance with Annex B, Ref. No. 5.

^h See Annex B, Ref. No. 8 for specified test methods.

ⁱ A material without an HWI Performance Level Category (PLC) value or with a HWI PLC value greater (worse) than the value required in this table shall be subjected to the end-product Abnormal Overload Test or the Glow Wire End-Product Test or have a Glow Wire Flammability Index (GWFI) as specified in Annex B, Ref. No. 8 ~~the Standard for Polymeric Materials—Use in Electrical Equipment Evaluations, UL 746C.~~

4. Addition of Requirements for "Specific Use Fuseholders"

7.1.3 A Specific Use Fuseholder shall comply with the construction requirements of this standard, except the type or construction of the terminals are such the fuseholder can only be used in specific equipment applications and is not suitable for field installation in accordance with Annex B, Ref. No. 1 ~~CE Code, NEC or NOM-001.~~

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