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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](mailto:psa@ansi.org)

\* Standard for consumer products

## Comment Deadline: March 30, 2014

### NSF (NSF International)

#### Revision

BSR/NSF 4-201x (i18r3), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2009)

Equipment covered by this Standard includes, but is not limited to, ranges, ovens, fat/oil fryers, fat/oil filters, griddles, tilting griddle skillets, broilers, steam and pressure cookers, kettles, rotisseries, toasters, coffee makers and other hot beverage makers, component water heating equipment, proofing boxes and cabinets, hot-food holding equipment, rethermalization equipment, and hot-food transport cabinets.

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

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

### NSF (NSF International)

#### Revision

BSR/NSF 14-201x (i40r3), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2013)

This Standard establishes minimum physical, performance, and health effects requirements for plastic piping system components and related materials. These criteria were established for the protection of public health and the environment.

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Mindy Costello, (734) 827-6819, [mcostello@nsf.org](mailto:mcostello@nsf.org)

### NSF (NSF International)

#### Revision

BSR/NSF 140-201x (i25r1), Sustainability Assessment for Carpet (revision of ANSI/NSF 140-2013)

This sustainability standard is intended to enable organizations throughout the carpet supply chain to apply performance requirements to achieve sustainable attributes and demonstrate compliance with levels of achievement through quantifiable metrics. While this Standard can be used on any carpet product, it is intended to be used for evaluation of commercial carpet products by providing a product evaluation methodology that is additive to emerging commercial green building standards. This Standard does not apply to the packaging of sustainable carpets or to the adhesive or padding products used in the installation of carpet products.

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Mindy Costello, (734) 827-6819, [mcostello@nsf.org](mailto:mcostello@nsf.org)

### NSF (NSF International)

#### Revision

BSR/NSF BIFMA e3-201x (i16r2), Sustainable Furniture (revision of ANSI/BIFMA e3-2012)

This sustainability standard is applicable to all business and institutional furniture; this includes but is not limited to moveable walls, systems furniture, desk systems, casegoods, tables, seating, and accessories. The Standard is also applicable to materials and components manufactured by suppliers to furniture manufacturers.

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Mindy Costello, (734) 827-6819, [mcostello@nsf.org](mailto:mcostello@nsf.org)

### UL (Underwriters Laboratories, Inc.)

#### Revision

BSR/UL 1598B-201x, Standard for Safety for Supplemental Requirements for Luminaire Reflector Kits for Installation on Previously Installed Fluorescent Luminaires (revision of ANSI/UL 1598B-2005 (R2009))

The following changes in requirements to the Standard for Supplemental Requirements for Luminaire Reflector Kits for Installation on Previously Installed Fluorescent Luminaires, UL 1598B, are being proposed: (1) Clarify requirements for luminaire retrofit kits that provide replacement lampholders or instant start ballasts.

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Heather Sakellariou, (847) 664-2346, [Heather.Sakellariou@ul.com](mailto:Heather.Sakellariou@ul.com)

## Comment Deadline: April 14, 2014

### ADA (American Dental Association)

#### Reaffirmation

BSR/ADA 17-1983 (R201x), Denture Base Temporary Relining Resins (reaffirmation of ANSI/ADA 17-1983 (R2006))

This standard is for pink and clear powder/liquid auto-polymerizing (self-initiating cure) type hard-setting resins used as temporary relining materials for denture bases. The soft relining materials are not covered by this standard.

Single copy price: \$40.00

Obtain an electronic copy from: [standards@ada.org](mailto:standards@ada.org)

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

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

### ADA (American Dental Association)

#### Reaffirmation

BSR/ADA 87-1995 (R201x), Dental Impression Trays (reaffirmation of ANSI/ADA 87-1995 (R2003))

This standard applies to reusable and disposable impression trays used in dentistry for delivering impression materials into the oral cavity for the purpose of making impressions (negative copies) of teeth and oral tissues. It applies to trays made of plastic, aluminum, stainless steel, and nickel- or chrome-plated brass for the purposes of full arch dentulous or edentulous, partially edentulous, and partial arch and water-cooled impressions.

Single copy price: \$40.00

Obtain an electronic copy from: [standards@ada.org](mailto:standards@ada.org)

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

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

**ADA (American Dental Association)****Reaffirmation**

BSR/ADA 94-1996 (R201x), Dental Compressed Air Quality (reaffirmation of ANSI/ADA 94-1996 (R2003))

This standard applies to all compressed air used in the dental office to power dental equipment and laboratory equipment and to dry oral structures. It does not apply to compressed air used to supply breathable air and should never be used to support life (e.g., Medical Compressed Air). This standard only addresses the quality of compressed air and is not intended to limit the mechanisms utilized. Air flow and pressures are determined by equipment in use, length of air lines, diameter of air lines, number of bends in the air lines, etc., all of which are unique for each dental facility. Therefore, air flow and pressure are not addressed in this standard.

Single copy price: \$40.00

Obtain an electronic copy from: standards@ada.org

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

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

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

BSR/AWS B2.1-1/8-231:201X, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding with Consumable Insert Root followed by Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Groups 1 or 2) to Austenitic Stainless Steel (M-8/P-8, Group 1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, IN309, ER309, and E309-15, -16, or -17, or IN309, E309(L), and E309(L)-15, -16, or -17, in the As-Welded Condition, Primarily Pipe Applications (new standard)

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

Single copy price: \$124.00

Obtain an electronic copy from: jrosario@aws.org

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

Send comments (with copy to psa@ansi.org) to: Andrew Davis, (305) 443-9353, x466, adavis@aws.org; aalonso@aws.org; bmcgrath@aws.org

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

BSR/AWS B2.1-1/8-010-201x, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding of Carbon Steel to Austenitic Stainless Steel (M-1, P-1, or M-8, or P-8), 18 through 10 Gauge in the As-Welded Condition, with or without Backing (revision of ANSI/AWS B2.1-1/8-010-2002)

This standard contains the essential welding variables for welding carbon steel to austenitic stainless steel in the thickness range of 18 through 10 gauge, using manual gas tungsten arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet welds and groove welds.

Single copy price: \$124.00

Obtain an electronic copy from: JROSARIO@AWS.ORG

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

Send comments (with copy to psa@ansi.org) to: Andrew Davis, (305) 443-9353, x466, adavis@aws.org; aalonso@aws.org; bmcgrath@aws.org

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

BSR/AWWA B404-201x, Liquid Sodium Silicate (revision of ANSI/AWWA B404-2008)

This standard describes liquid sodium silicate used in the preparation of activated silica, which is used as a coagulant aid for the treatment of potable water, wastewater, or reclaimed water for (1) the control of corrosion and (2) stabilization of iron and manganese.

Single copy price: \$20.00

Obtain an electronic copy from: vdauid@awwa.org

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

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

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

BSR/AWWA C516-201x, Large Diameter Rubber-Seated Butterfly Valves Sizes 78 In. (2,000 mm) and Larger (revision of ANSI/AWWA C516-2010)

This standard establishes minimum requirements for rubber-seated butterfly valve assemblies, 78 in. (2,000 mm) diameter and larger with flanged ends for fresh and reclaimed water having a pH range from 6-12, a temperature range from 33 - 125°F (0.6 - 52°C) suitable for a maximum steady-state fluid working pressure of 250 psig (1,724 kPa [gauge]), maximum steady-state differential pressure of 250 psi (1,724 kPa), a maximum full open fluid velocity of 16 ft/sec (4.9 m/sec).

Single copy price: \$20.00

Obtain an electronic copy from: vdauid@awwa.org

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

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

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

BSR/AWWA C800-201x, Underground Service Line Valves and Fittings (revision of ANSI/AWWA C800-2012)

This standard covers valves, fittings, service saddles, and meter setters for use in service line from the main through the meter valve or meter-setting appurtenance.

Single copy price: \$20.00

Obtain an electronic copy from: vdauid@awwa.org

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

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

**CEA (Consumer Electronics Association)****Revision**

BSR/CEA 709.1-D-201x, Control Network Protocol Specification (revision and redesignation of ANSI/CEA 709.1-C-2010)

This specification applies to a communication protocol for networked control systems. The protocol provides peer-to-peer communication for networked control and is suitable for implementing both peer-to-peer and master-slave control strategies.

Single copy price: \$392.00

Order from: Veronica Lancaster, (703) 907-7697, vlancaster@ce.org; dwilson@ce.org

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

**CEA (Consumer Electronics Association)****Revision**

BSR/CEA 852.1-A-201x, Enhanced Protocol for Tunneling Component Network Protocols Over Internet Protocol Channels (revision and redesignation of ANSI/CEA 852.1-2010)

The CEA-852.1 standard specifies a communications method that allows networked data acquisition and control devices to communicate with each other over the internet. The purpose of such devices are widely varying and include functions such as appliance monitoring, meter reading, and HVAC and lighting control to name a few.

Single copy price: \$203.00

Order from: Veronica Lancaster, (703) 907-7697, vlancaster@ce.org; dwilson@ce.org

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

**CEA (Consumer Electronics Association)****Revision**

BSR/CEA 852-C-201x, Tunneling Device Area Network Protocols Over Internet Protocol Channels (revision and redesignation of ANSI/CEA 852-B-2010)

The CEA-852 standard specifies a communications method that allows networked data acquisition and control devices to communicate with each other over the internet. The purpose of such devices are widely varying and include functions such as appliance monitoring, meter reading, and HVAC and lighting control to name a few. CEA-852 does not replace existing device communications protocols, but instead allows those protocols to use the internet as a communications medium.

Single copy price: \$113.00

Order from: Veronica Lancaster, (703) 907-7697, vlancaster@ce.org; dwilson@ce.org

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

**ECA (Electronic Components Association)****New National Adoption**

BSR/EIA 62391-1-201x, Fixed Electric Double Layer Capacitors - Part One: Generic Spec (identical national adoption of IEC 62391-1 (2006))

This part of IEC 62391 applies to fixed electric double-layer capacitors mainly used in DC circuits of electronic equipment. It establishes standard terms, inspection procedures, and methods of test for use in sectional and detail specifications of electronic components for quality assessment or any other purpose.

Single copy price: \$230.00

Obtain an electronic copy from: global.ihs.com 1-877-413-5184

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

Send comments (with copy to psa@ansi.org) to: Edward Mikoski, (571) 323-0253, emikoski@eciaonline.org; ldonohoe@eciaonline.org

**ECA (Electronic Components Association)****New National Adoption**

BSR/EIA 62391-2-201x, Fixed Electric Double Layer Capacitors - Part Two: Sectional Spec (identical national adoption of IEC 62391-2 (2006))

This part of IEC 62391 applies to electric double-layer capacitors for power application. Electric double-layer capacitors for power are intended for applications that require discharge currents in the range from mA to A. The characteristics of the capacitors include such performance as relatively high-capacitance and low-internal resistance.

Single copy price: \$158.00

Obtain an electronic copy from: global.ihs.com 1-877-413-5184

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

Send comments (with copy to psa@ansi.org) to: Edward Mikoski, (571) 323-0253, emikoski@eciaonline.org; ldonohoe@eciaonline.org

**ECA (Electronic Components Association)****New National Adoption**

BSR/EIA 62391-2-1-201x, Fixed Electric Double Layer Capacitors - Part 2-1: Blank Detail Spec (identical national adoption of IEC 62391-2-1 (2006))

This part of IEC 62391 series applies to electric double-layer capacitors for power application. Electric double-layer capacitors for power are intended for applications that require discharge currents in the range from mA to A. The characteristics of the capacitors include such performance as relatively high-capacitance and low-internal resistance. This Detail Specification contains requirements for style, layout, and minimum content of detail specifications.

Single copy price: \$55.00

Obtain an electronic copy from: global.ihs.com 1-877-413-5184

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

Send comments (with copy to psa@ansi.org) to: Edward Mikoski, (571) 323-0253, emikoski@eciaonline.org; ldonohoe@eciaonline.org

**ECA (Electronic Components Association)****New Standard**

BSR/EIA 797-201x, Aluminum-Electrolytic Capacitor Application Guideline (new standard)

This document identifies the characteristics of an aluminum electrolytic capacitor, which consists of a wound capacitor element, impregnated with liquid electrolyte, connected to terminals, and sealed in a can. The element is comprised of an anode foil, paper separators saturated with electrolyte, and a cathode foil.

Single copy price: \$94.00

Obtain an electronic copy from: global.ihs.com 1-877-413-5184

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

Send comments (with copy to psa@ansi.org) to: Edward Mikoski, (571) 323-0253, emikoski@eciaonline.org; ldonohoe@eciaonline.org

**ECA (Electronic Components Association)****Revision**

BSR/EIA 364-10F-201x, Fluid Immersion Test Procedure for Electrical Connectors, Sockets and Cable Assemblies (revision and redesignation of ANSI/EIA 364-10E-2008)

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: \$72.00

Obtain an electronic copy from: [global.ihs.com](http://global.ihs.com) (877) 413-5184

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Edward Mikoski, (571) 323-0253, [emikoski@eciaonline.org](mailto:emikoski@eciaonline.org); [ldonohoe@eciaonline.org](mailto:ldonohoe@eciaonline.org)

**ECA (Electronic Components Association)****Revision**

BSR/EIA 364-21E-201x, Insulation Resistance Test Procedure for Electrical Connectors, Sockets, and Coaxial Contacts (revision and redesignation of ANSI/EIA 364-21D-2008)

This standard applies to electrical connectors, sockets and coaxial contacts.

Single copy price: \$69.00

Obtain an electronic copy from: [global.ihs.com](http://global.ihs.com) (877) 413-5184

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Edward Mikoski, (571) 323-0253, [emikoski@eciaonline.org](mailto:emikoski@eciaonline.org); [ldonohoe@eciaonline.org](mailto:ldonohoe@eciaonline.org)

**ECA (Electronic Components Association)****Revision**

BSR/EIA 364-86A-201x, Polarizing/Coding Key Overstress Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364-86-2008)

The objective of this test procedure is to determine the effectiveness of polarization/coding keys when a connector pair is misregistered (improperly mated).

Single copy price: \$58.00

Obtain an electronic copy from: [global.ihs.com](http://global.ihs.com) (877) 413-5184

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Edward Mikoski, (571) 323-0253, [emikoski@eciaonline.org](mailto:emikoski@eciaonline.org); [ldonohoe@eciaonline.org](mailto:ldonohoe@eciaonline.org)

**EOS/ESD (ESD Association, Inc.)****Revision**

BSR/ESD STM5.5.1-201X, ESD Association Standard Test Method for Electrostatic Discharge (ESD) Sensitivity Testing - Transmission Line Pulse (TLP) - Component Level (revision of ANSI/ESD STM5.5.1-2008)

The scope and focus of this document pertains to TLP testing techniques of semiconductor components.

Single copy price: \$105.00 (List)/\$75.00 (EOS/ESD Members) [Hard Cover]; \$130.00 (List)/\$100.00 (EOS/ESD Members) [Soft Cover]

Obtain an electronic copy from: [cearl@esda.org](mailto:cearl@esda.org)

Order from: Christina Earl, (315) 339-6937, [cearl@esda.org](mailto:cearl@esda.org)

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

**HL7 (Health Level Seven)****Revision**

BSR/HL7 V3 RXMDSEVNT, R2-201x, HL7 Version 3 Standard: Pharmacy; Medication Dispense and Supply Event, Release 2 (revision of ANSI/HL7 V3 RXMDSVNT, R1-2012)

This revision of the initial topic extends existing messaging for Dispense and Supply to cover Institutional settings.

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

Obtain an electronic copy from: [Karenvan@HL7.org](mailto:Karenvan@HL7.org)

Order from: Karen Van Hentenryck, (734) 677-7777 Ext 104, [Karenvan@HL7.org](mailto:Karenvan@HL7.org)

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

**HL7 (Health Level Seven)****Revision**

BSR/HL7 V3 RXMEDORDER, R2-201x, HL7 Version 3 Standard: Pharmacy; Medication Order, Release 2 (revision of ANSI/HL7 V3 RXMEDORDER, R1-2009)

This revision of the initial topic extends the existing messaging for Order and Administration to cover Institutional settings.

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

Obtain an electronic copy from: [Karenvan@HL7.org](mailto:Karenvan@HL7.org)

Order from: Karen Van Hentenryck, (734) 677-7777 Ext 104, [Karenvan@HL7.org](mailto:Karenvan@HL7.org)

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

**IICRC (The Institute of Inspection, Cleaning and Restoration Certification)****New Standard**

BSR/IICRC S100-201X, Standard and Reference Guide for Professional Cleaning of Textile Floor Coverings (new standard)

This standard describes the procedures, methods, and systems to be followed when performing professional commercial and residential textile floor coverings (e.g., carpet and rugs) maintenance and cleaning.

Single copy price: Free

Obtain an electronic copy from: [mili@iicrc.org](mailto:mili@iicrc.org)

Order from: Mili Washington, (360) 313-7088, [mili@iicrc.org](mailto:mili@iicrc.org)

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

**INMM (ASC N14) (Institute of Nuclear Materials Management)****New Standard**

BSR N14.5-201x, Leakage Tests on Packages for Shipment (new standard)

This Standard specifies methods for demonstrating that Type B packages designed for transport of normal-form radioactive material comply with the containment requirements of Title 10 of the Code of Federal Regulations Part 71 (10 CFR Part 71). This Standard describes package release limits, methods for relating package release limits to allowable and reference leakage rates, and minimum requirements for leakage rate test procedures.

Single copy price: Free

Obtain an electronic copy from: [N14Secretary@gmail.com](mailto:N14Secretary@gmail.com)

Order from: Ronald Natali, (435) 258-3730, [N14Secretary@gmail.com](mailto:N14Secretary@gmail.com)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: [N14Secretary@gmail.com](mailto:N14Secretary@gmail.com)

**IREC (Interstate Renewable Energy Council, Inc.)*****New Standard***

BSR/IREC 14732-201X, General Requirements for the Accreditation of Clean Energy Certificate Programs (new standard)

This standard forms the foundation for the accreditation of certificate-awarding entities that develop and administer credit or non-credit clean-energy-related programs offered in formal educational institutions and other legal entities. For the purposes of this standard, clean energy technologies and practices include renewable energy, energy efficiency, distributed renewable energy generation, and other sustainability practices.

Single copy price: Free

Obtain an electronic copy from: [http://www.irecusa.org/wp-content/uploads/2014/01/IREC-Standard-14732\\_01.07.2014.pdf](http://www.irecusa.org/wp-content/uploads/2014/01/IREC-Standard-14732_01.07.2014.pdf)

Order from: Laure-Jeanne Davignon, (518) 578-4718, [laurejeanne@irecusa.org](mailto:laurejeanne@irecusa.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Please file comments using the online survey: <https://www.surveymonkey.com/s/YGWYR57>

**TIA (Telecommunications Industry Association)*****Reaffirmation***

BSR/TIA 604-2-B-2004 (R201x), FOCIS2 - Fiber Optic Connector Intermateability Standards, Type ST (reaffirmation of ANSI/TIA 604-2-B-2004)

This standard presents the intermateability standard for connectors with the commercial designation ST.

Single copy price: \$88.00

Obtain an electronic copy from: [standards@tiaonline.org](mailto:standards@tiaonline.org)

Order from: Telecommunications Industry Association (TIA); [standards@tiaonline.org](mailto:standards@tiaonline.org)

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

**TIA (Telecommunications Industry Association)*****Reaffirmation***

BSR/TIA 604-3-B-2004 (R201x), FOCIS3 - Fiber Optic Connector Intermateability Standard, Type SC (reaffirmation of ANSI/TIA 604-3-B-2004)

This document presents the intermateability standard for connectors with the commercial designation of SC and SC-APC.

Single copy price: \$88.00

Obtain an electronic copy from: [standards@tiaonline.org](mailto:standards@tiaonline.org)

Order from: Telecommunications Industry Association (TIA); [standards@tiaonline.org](mailto:standards@tiaonline.org)

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

**TIA (Telecommunications Industry Association)*****Reaffirmation***

BSR/TIA 604-4-B-2004 (R201x), FOCIS4 - Fiber Optic Connector Intermateability Standards, Type FC and FC-APC (reaffirmation of ANSI/TIA 604-4-B-2004)

This document presents the intermateability standard for connectors with the commercial designation of FC and FC-APC.

Single copy price: \$88.00

Obtain an electronic copy from: [standards@tiaonline.org](mailto:standards@tiaonline.org)

Order from: Telecommunications Industry Association (TIA); [standards@tiaonline.org](mailto:standards@tiaonline.org)

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

**TIA (Telecommunications Industry Association)*****Revision***

BSR/TIA 455-86-A-201x, Fiber Optic Cable Jacket Shrinkage (revision and redesignation of ANSI/TIA 455-86-1983 (R2005))

This standard is applicable to all types of jacketed cables. This procedure defines the methodology for measuring the shrinkage potential for cable jackets. The primary method involves the jacket, in situ. The secondary method measures the "native" shrinkage of the as-extruded jacket by removing it from a cable.

Single copy price: \$64.00

Obtain an electronic copy from: [standards@tiaonline.org](mailto:standards@tiaonline.org)

Order from: Telecommunications Industry Association (TIA); [standards@tiaonline.org](mailto:standards@tiaonline.org)

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

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

BSR/UL 60745-2-11-2009 (R201x), Standard for Safety for Hand-Held Motor-Operated Electrical - Tools Safety - Part 2-11: Particular Requirements for Reciprocating Saws (reaffirmation of ANSI/UL 60745-2-11-2009)

(1) Reaffirmation and continuance of the second edition of the Hand-Held Motor-Operated Electric Tools - Safety - Part 2-11: Particular Requirements for Reciprocating Saws, UL 60745-2-11, as an American National Standard.

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](mailto:psa@ansi.org)) to: Beth Northcott, (847) 664-3198, [Elizabeth.Northcott@ul.com](mailto:Elizabeth.Northcott@ul.com)

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

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

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

Single copy price: Contact comm2000 for pricing and delivery options

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

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

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

BSR/UL 60745-2-20-2009 (R201x), Standard for Safety for Hand-Held Motor-Operated Electrical - Tools Safety - Part 2-20: Particular Requirements for Band Saws (reaffirmation of ANSI/UL 60745-2-20-2009) (1) Reaffirmation and continuance of the second edition of the Standard for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-20: Particular Requirements for Band Saws, UL 60745-2-20, as an American National Standard.

Single copy price: Contact comm2000 for pricing and delivery options

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

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

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

BSR/UL 60745-2-21-2009 (R201x), Standard for Safety for Hand-Held Motor-Operated Electrical - Tools Safety - Part 2-21: Particular Requirements for Drain Cleaners (reaffirmation of ANSI/UL 60745-2-21-2009)

(1) Reaffirmation and continuance of the second edition of the Hand-Held Motor-Operated Electric Tools - Safety - Part 2-21: Particular Requirements for Drain Cleaners, UL 60745-2-21, as an American National Standard.

Single copy price: Contact comm2000 for pricing and delivery options

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

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

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

BSR/UL 1247-201x, Standard for Safety for Diesel Engines for Stationary Fire Pumps (revision of ANSI/UL 1247-2011)

The following changes to UL 1247 are being proposed: (1) Revisions to the terminal block arrangement and associated requirements; (2) Revisions to clarify requirements, update test methods and correlate with NFPA 20-2013; and (3) Revision to over-current protection criteria.

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](mailto:psa@ansi.org)) to: Raymond Suga, (631) 546-2593, [raymond.m.suga@ul.com](mailto:raymond.m.suga@ul.com)

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

BSR/UL 2034-201x, Standard for Safety for Single and Multiple Station Carbon Monoxide Alarms (revision of ANSI/UL 2034-2009)

Document (dated 2-28-14) proposes revisions to the impact, jarring, surge immunity and current, normal operation, variable ambient temperature and humidity tests, along with additional updates to test samples and other 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](mailto:psa@ansi.org)) to: Paul Lloret, (408) 754-6618, [Paul.E.Lloret@ul.com](mailto:Paul.E.Lloret@ul.com)

**VITA (VMEbus International Trade Association (VITA))****Revision**

BSR/VITA 42.0-201x, XMC (revision of ANSI/VITA 42.0-2008)

This document defines an open standard for supporting high-speed, switched interconnect protocols on an existing, widely deployed mezzanine card form factor.

Single copy price: \$50.00

Obtain an electronic copy from: [www.vita.com](http://www.vita.com)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: [techdir@vita.com](mailto:techdir@vita.com)

**VITA (VMEbus International Trade Association (VITA))****Revision**

BSR/VITA 61.0-201x, XMC 2.0 (revision of ANSI/VITA 61.0-2011)

This specification, based upon VITA 42.0 XMC, defines an open standard for supporting high-speed, switched interconnect protocols on an existing, widely deployed form factor, but utilizing an alternate, ruggedized, high-speed mezzanine interconnect known as VITA 61 XMC 2.0.

Single copy price: \$25.00

Obtain an electronic copy from: [www.vita.com](http://www.vita.com)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: [techdir@vita.com](mailto:techdir@vita.com)

**Comment Deadline: April 29, 2014**

Reaffirmations and withdrawals available electronically may be accessed at: [webstore.ansi.org](http://webstore.ansi.org)

**AGMA (American Gear Manufacturers Association)****Reaffirmation**

BSR/AGMA 6002-B93 (R201x), Design Guide for Vehicle Spur and Helical Gears (reaffirmation of ANSI/AGMA 6002-B93 (R2008))

This standard provides information on the design of spur and helical vehicle power transmission gears. included are considerations for design, material, and heat treatment, determination of load capacity, mounting features, and typical design problems.

Single copy price: \$70.00

Order from: Charles Fischer, (703) 684-0211, [fischer@agma.org](mailto:fischer@agma.org); [tech@agma.org](mailto:tech@agma.org)

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

**AGMA (American Gear Manufacturers Association)****Reaffirmation**

BSR/AGMA 6022-C93 (R201x), Design Manual for Cylindrical Wormgearing (reaffirmation of ANSI/AGMA 6022-C93 (R2008))

This design manual covers the design of fine and coarse pitch cylindrical wormgearing operating at right angles and primarily made as gear sets to be incorporated into other machines and mechanisms. Many of the design procedures are also incorporated in enclosed drives.

Single copy price: \$75.00

Order from: Charles Fischer, (703) 684-0211, [fischer@agma.org](mailto:fischer@agma.org); [tech@agma.org](mailto:tech@agma.org)

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

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

BSR/ASME PTC 12.3-1997 (R201x), Deaerators (reaffirmation of ANSI/ASME PTC 12.3-1997 (R2009))

The purpose of this Code is to provide rules and test procedures that are to be used to determine the performance of deaerators with regard to the following:

- (a) residual dissolved oxygen in the deaerated water; and
- (b) terminal temperature difference (TTD), if any, between the deaerated water and the saturated steam temperature corresponding to the pressure in the steam zone adjacent to the interface between the steam and the collected deaerated water.

Single copy price: \$65.00

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Jack Karian, (212) 591-8552, [karianj@asme.org](mailto:karianj@asme.org)

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

BSR/ASME PTC 12.4-1992 (R201x), Moisture Separator Reheaters (reaffirmation of ANSI/ASME PTC 12.4-1992 (R2009))

This Code provides the procedures, direction, and guidance for the accurate testing of Moisture Separator Reheaters (MSRs) which includes moisture separating and steam reheating components located between the high-pressure and low-pressure steam turbine. The purpose of the Code is to determine the performance of the MSR and to provide guidance in the evaluation of its performance effect on the turbine cycle heat rate with regard to:

- (a) Moisture separator outlet quality;
- (b) Reheater terminal temperature difference;
- (c) Cycle steam pressure drop across applicable; and
- (d) Excess heating steam flow.

Single copy price: \$75.00

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Jack Karian, (212) 591-8552, [karianj@asme.org](mailto:karianj@asme.org)

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

ANSI/ASME B16.45-1998 (R2006), Cast Iron Fittings for Solvent® Drainage Systems (withdrawal of ANSI/ASME B16.45-1998 (R2006))

This Standard for cast iron drainage fittings used on self-aerating, one-pipe Solvent®1 drainage systems, covers the following: (a) description; (b) sizes and methods for designating openings for reducing fittings; (c) marking; (d) material; (e) pitch; (f) design; (g) dimensions and tolerances; and (h) tests.

Single copy price: \$35.00

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Carlton Ramcharran, (212) 591-7955, [ramcharranc@asme.org](mailto:ramcharranc@asme.org)

**CGA (Compressed Gas Association)****New Standard**

BSR/CGA G-13-201x, Storage and Handling of Silane and Silane Mixtures (new standard)

This standard governs the installation of systems and sources that are used to store, transfer, or contain silane or silane mixtures. The scope of this standard includes guidance for siting, design of equipment, piping and controls, and the fabrication and installation of silane gas storage and closed-use systems. Additional guidance on operational steps associated with the use of silane and silane mixtures as well as fire protection, gas monitoring, ventilation, and related safeguards are provided.

Single copy price: Free (CGA member e-pub)/\$79.00 (CGA member hardcopy); \$122.00 (CGA nonmember e-pub)/\$144.00 (nonmember hardcopy)

Obtain an electronic copy from: [www.cganet.com](http://www.cganet.com)

Order from: [www.cganet.com](http://www.cganet.com)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Kristy Morrison-Mastromichalis, (703) 788-2728, [kmastromichalis@cganet.com](mailto:kmastromichalis@cganet.com)

**Projects Withdrawn from Consideration**

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

**ATIS (Alliance for Telecommunications Industry Solutions)**

BSR ATIS 1000013-2007 (R201x), Lawfully Authorized Electronic Surveillance (LAES) for Internet Access and Services (reaffirmation of ANSI ATIS 1000013-2007)

**Technical Reports Registered with ANSI**

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

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

**ASC X9 (Accredited Standards Committee X9, Incorporated)**

X9 TR-42-2014, Core Deduction Reason Codes (TECHNICAL REPORT) (technical report)

The X12 426 Adjustment Reason Code list contains over 600+ codes and many apparent duplicates with little descriptive information to guide their use. As a result, each business selects the codes that they plan to use. Different businesses select different codes to mean the same thing, and thus trading partners must tailor automated processing to each customer. A simplified list with more complete descriptions will enable greater standardization of codes and reduce the need for special process.

Single copy price: Free

Order from: [www.x9.org](http://www.x9.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Janet Busch, (410) 267-7707, [janet.busch@x9.org](mailto:janet.busch@x9.org)

## NFPA Fire Protection Standards Documentation

The National Fire Protection Association announced the availability of NFPA *First Draft Report* for concurrent review and comment by NFPA and ANSI in the Volume 45, Number 9 issue of Standards Action.

The disposition of all comments received will be published in the *Second Draft Report* (formally *Report on Comments*), located on the document's information page under the next edition tab. The document's specific URL, [www.nfpa.org/doc#next](http://www.nfpa.org/doc#next) (for example [www.nfpa.org/101next](http://www.nfpa.org/101next)), can easily access the document's information page. All comments on the 2015 Annual Revision Cycle First Draft Report must be received by April 11, 2014.

*The First Draft Report* for documents in the 2015 Annual Revision Cycle will be released on March 7, 2014, and contains the disposition of public input received for those proposed documents. Anyone wishing to review the First Draft Report for the 2015 Annual Revision Cycle may do so on each document's information page under the next edition tab. The document's specific URL, for example [www.nfpa.org/doc#next](http://www.nfpa.org/doc#next) ([www.nfpa.org/101next](http://www.nfpa.org/101next)), can easily access the document's information page and.

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

## Comment Deadline: April 11, 2014

### NFPA (National Fire Protection Association)

#### Revision

BSR/NFPA 2-201x, Hydrogen Technologies Code (revision of ANSI/NFPA 2-2011)

The purpose of this code shall be to provide fundamental safeguards for the generation, installation, storage, piping, use, and handling of hydrogen in compressed gas (GH2) form or cryogenic liquid (LH2) form. This code shall apply to the production, storage, transfer, and use of hydrogen in all occupancies.

BSR/NFPA 13D-201x, Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes (revision of ANSI/NFPA 13D-2012)

This standard shall cover the design, installation, and maintenance of automatic sprinkler systems for protection against the fire hazards in one- and two-family dwellings and manufactured homes. This standard assumes that the sprinkler system is designed to protect against a fire originating from a single ignition location.

BSR/NFPA 13-201x, Standard for the Installation of Sprinkler Systems (revision of ANSI/NFPA 13-2013)

This standard provides a range of sprinkler system approaches, design development alternatives, and component options that are all acceptable. Building owners are advised to carefully evaluate proposed selections for appropriateness and preference. It shall provide requirements for the design and installation of automatic fire sprinkler systems and exposure protection sprinkler systems covered within this standard.

BSR/NFPA 13R-201x, Standard for the Installation of Sprinkler Systems in Low-Rise Residential Occupancies (revision of ANSI/NFPA 13R-2013)

This standard shall cover the design and installation of automatic sprinkler systems for protection against fire hazards in residential occupancies up to and including four stories in height. This standard assumes that the sprinkler system shall be designed to protect against a fire originating from a single ignition location.

BSR/NFPA 20-201x, Standard for the Installation of Stationary Pumps for Fire Protection (revision of ANSI/NFPA 20-2013)

This standard deals with the selection and installation of pumps supplying liquid for private fire protection. This document shall include liquid supplies; suction, discharge, and auxiliary equipment; power supplies, including power supply arrangements; electric drive and control; diesel engine drive and control; steam turbine drive and control; and acceptance tests and operation.

BSR/NFPA 24-201x, Standard for the Installation of Private Fire Service Mains and Their Appurtenances (revision of ANSI/NFPA 24-2012)

This standard shall cover the minimum requirements for the installation of private fire service mains and their appurtenances supplying the following: (1) Automatic sprinkler systems; (2) Open sprinkler systems; (3) Water spray fixed systems; (4) Foam systems; (5) Private hydrants; (6) Monitor nozzles or standpipe systems with reference to water supplies; (7) Hose houses. This standard shall apply to combined service mains used to carry water for fire service and other uses.

BSR/NFPA 40-201x, Standard for the Storage and Handling of Cellulose Nitrate Film (revision of ANSI/NFPA 40-2007 (R2011))

This standard shall apply to all facilities that are involved with the storage and handling of cellulose nitrate based film. This standard shall not apply to the storage and handling of film having a base other than cellulose nitrate.

BSR/NFPA 55-201x, Compressed Gases and Cryogenic Fluids Code (revision of ANSI/NFPA 55-2012)

NFPA 55 facilitates protection from physiological, over-pressurization, explosive, and flammability hazards associated with compressed gases and cryogenic fluids. Criteria provide fundamental safeguards for the installation, storage, use, and handling of compressed gases and cryogenic fluids in portable and stationary cylinders, containers, and tanks in all occupancy types.

BSR/NFPA 72-201x, National Fire Alarm and Signaling Code (revision of ANSI/NFPA 72-2013)

NFPA 72 covers the application, installation, location, performance, inspection, testing, and maintenance of fire alarm systems, supervising station alarm systems, public emergency alarm reporting systems, fire-warning equipment and emergency communications systems (ECS), and their components. The provisions of this chapter apply throughout the Code unless otherwise noted.

BSR/NFPA 73-201x, Standard for Electrical Inspections for Existing Dwellings (revision of ANSI/NFPA 73-2011)

This standard provides criteria for identification of hazardous conditions of electrical systems in existing one-family, two-family, and multifamily dwellings, including mobile homes and manufactured homes.

BSR/NFPA 80-201x, Standard for Fire Doors and Other Opening Protectives (revision of ANSI/NFPA 80-2012)

This standard regulates the installation and maintenance of assemblies and devices used to protect openings in walls, floors, and ceilings against the spread of fire and smoke within, into, or out of buildings. With the exception of fabric fire safety curtain assemblies, this standard addresses assemblies that have been subjected to standardized fire tests.

BSR/NFPA 101A-201x, Guide on Alternative Approaches to Life Safety (revision of ANSI/NFPA 101A-2012)

This guide consists of a number of alternative approaches to life safety. Each chapter is a different system independent of the others and is to be used in conjunction with the NFPA 101, Life Safety Code.

BSR/NFPA 105-201x, Standard for the Installation of Smoke Door Assemblies and Other Opening Protectives (revision of ANSI/NFPA 105-2013)

This standard shall prescribe minimum requirements for smoke door assemblies for use in providing safety to life and protection of property from smoke.

BSR/NFPA 110-201x, Standard for Emergency and Standby Power Systems (revision of ANSI/NFPA 110-2012)

This standard covers performance requirements for emergency and standby power systems providing an alternate source of electrical power to loads in buildings and facilities in the event that the primary power source fails. Power systems covered in this standard include power sources, transfer equipment, controls, supervisory equipment, and all related electrical and mechanical auxiliary and accessory equipment needed to supply electrical power to the load terminals of the transfer equipment.

BSR/NFPA 111-201x, Standard on Stored Electrical Energy Emergency and Standby Power Systems (revision of ANSI/NFPA 111-2012)

This standard shall cover performance requirements for stored electrical energy systems providing an alternate source of electrical power in buildings and facilities in the event that the normal electrical power source fails. Systems covered in this standard shall include power sources, transfer equipment, controls, supervisory equipment, and accessory equipment, including integral accessory equipment, needed to supply electrical power to the selected circuits.

**BSR/NFPA 150-201x, Standard on Fire and Life Safety in Animal Housing Facilities (revision of ANSI/NFPA 150-2013)**

This standard establishes life and safety requirements for both humans and animals in all types of animal housing facilities where animals are kept for any purpose, including barns, stables, kennels, animal shelters, veterinary facilities, zoos, laboratories, and racetracks. Provisions encompass design, construction, operation, and maintenance of animal housing facilities and cover performance-based design, subclassification of facilities and categorization of animals, construction and separation requirements, means of egress, and protection from fire and special hazards. Specific chapters for Class 1, 2, and 3 facilities are provided.

**BSR/NFPA 160-201x, Standard for the Use of Flame Effects before an Audience (revision of ANSI/NFPA 160-2011)**

This standard shall provide requirements for the protection of the audience, support personnel, performers, the operator, assistants, and property where flame effects are used.

**BSR/NFPA 291-201x, Recommended Practice for Fire Flow Testing and Marking of Hydrants (revision of ANSI/NFPA 291-2012)**

The scope of this document is fire flow testing and marking of hydrants.

**BSR/NFPA 303-201x, Fire Protection Standard for Marinas and Boatyards (revision of ANSI/NFPA 303-2011)**

This standard applies to the construction and operation of marinas, boatyards, yacht clubs, boat condominiums, docking facilities associated with residential condominiums, multiple-docking facilities at multiple-family residences, and all associated piers, docks, and floats. This standard also applies to support facilities and structures used for construction, repair, storage, hauling and launching, or fueling of vessels if fire on a pier would pose an immediate threat

**BSR/NFPA 307-201x, Standard for the Construction and Fire Protection of Marine Terminals, Piers, and Wharves (revision of ANSI/NFPA 307-2011)**

This standard shall provide general principles for the construction and fire protection of marine terminals, piers, and wharves. Nothing in this standard shall supersede any of the regulations of governmental or other regulatory authority. The provisions of this standard shall reflect situations and state-of-the-art techniques at the time the standard was issued.

**BSR/NFPA 312-201x, Standard for Fire Protection of Vessels During Construction, Conversion, Repair, and Lay-Up (revision of ANSI/NFPA 312-2011)**

This standard shall apply to vessels during the course of construction, conversion, repairs, or while laid up. This standard shall not apply to situations where it is in conflict with or superseded by requirements of any government regulatory agency.

**BSR/NFPA 400-201x, Hazardous Materials Code (revision of ANSI/NFPA 400-2012)**

The Code's fire and life safety requirements are applicable to a wide range of substances including but not limited to ammonium nitrate solids and liquids, corrosive solids and liquids, flammable solids, organic peroxide formulations, oxidizers, pyrophoric solids and liquids, toxic and highly toxic solids and liquids, unstable (reactive) solids and liquids, water-reactive solids and liquids. Compressed gases and cryogenic fluids are included within the context of NFPA 5

**BSR/NFPA 409-201x, Standard on Aircraft Hangars (revision of ANSI/NFPA 409-2011)**

This standard contains the minimum requirements for the proper construction of aircraft hangars and protection of aircraft hangars from fire. This standard applies only to buildings or structures used for aircraft storage, maintenance, or related activities. Other uses within an aircraft hangar shall be protected in accordance with other applicable NFPA Standards.

**BSR/NFPA 415-201x, Standard on Airport Terminal Buildings, Fueling Ramp Drainage, and Loading Walkways (revision of ANSI/NFPA 415-2012)**

This standard specifies the minimum fire protection requirements for the construction and protection of airport buildings. It specifies the minimum requirements for the design and maintenance of the drainage system of an aircraft fueling ramp to control the flow of fuel that can be spilled on a ramp and to minimize the resulting possible danger. It contains the minimum requirements for the design, construction, and fire protection of aircraft loading walkways between the building and aircraft.

**BSR/NFPA 423-201x, Standard for Construction and Protection of Aircraft Engine Test Facilities (revision of ANSI/NFPA 423-2010)**

This standard establishes the minimum fire safety practices regarding location, construction, services, utilities, fire protection, operation, and maintenance of aircraft engine test facilities. These facilities include test cells and test stands. This standard does not apply to engines and engine accessories or to engine test facilities where fuels other than hydrocarbon fuels are used.

**BSR/NFPA 556-201x, Guide on Methods for Evaluating Fire Hazard to Occupants of Passenger Road Vehicles (revision of ANSI/NFPA 556-2011)**

This guide addresses issues associated with the development of hazardous conditions from fire involving passenger road vehicles and the time available for safe egress or rescue. This document provides guidance toward a systematic approach of the determination of the relationship between the properties of passenger road vehicles, including the materials, components and systems, and the development of hazardous conditions in the vehicle.

**BSR/NFPA 557-201x, Standard for Determination of Fire Loads for Use in Structural Fire Protection Design (revision of ANSI/NFPA 557-2011)**

The scope of this standard is the determination of the fire load and fire load density to be used as the basis for the evaluation and design of the structural fire performance of a building. The determination of a design-basis fire is outside the scope of this standard.

**BSR/NFPA 820-201x, Standard for Fire Protection in Wastewater Treatment and Collection Facilities (revision of ANSI/NFPA 820-2011)**

This standard shall establish minimum requirements for protection against fire and explosion hazards in wastewater treatment plants and associated collection systems, including the hazard classification of specific areas and processes.

**BSR/NFPA 1071-201x, Standard for Emergency Vehicle Technician Professional Qualifications (revision of ANSI/NFPA 1071-2011)**

This standard shall identify and define the minimum job performance requirements (JPRs) for a person to be considered qualified as an emergency vehicle technician (EVT).

**BSR/NFPA 1126-201x, Standard for the Use of Pyrotechnics before a Proximate Audience (revision of ANSI/NFPA 1126-2011)**

This standard shall provide requirements for the protection of property, operators, performers, support personnel, and the viewing audiences where pyrotechnic effects are used indoors or outdoors with a proximate audience.

**BSR/NFPA 1221-201x, Standard for the Installation, Maintenance, and Use of Emergency Services Communications Systems (revision of ANSI/NFPA 1221-2012)**

This standard shall cover the installation, performance, operation, and maintenance of public emergency services communications systems and facilities. This standard shall not be used as a design specification manual or an instruction manual.

BSR/NFPA 1710-201x, Standard for the Organization and Deployment of Fire Suppression Operations, Emergency Medical Operations, and Special Operations to the Public by Career Fire Departments (revision of ANSI/NFPA 1710-2010)

This standard contains minimum requirements relating to the organization and deployment of fire suppression operations, emergency medical operations, and special operations to the public by substantially all career fire departments. The requirements address functions and objectives of fire department emergency service delivery, response capabilities, and resources.

BSR/NFPA 1901-201x, Standard for Automotive Fire Apparatus (revision of ANSI/NFPA 1901-2009)

This standard defines the requirements for new automotive fire apparatus and trailers designed to be used under emergency conditions to transport personnel and equipment and to support the suppression of fires and mitigation of other hazardous situations.

BSR/NFPA 1906-201x, Standard for Wildland Fire Apparatus (revision of ANSI/NFPA 1906-2011)

This standard shall define the minimum requirements for the design, performance, and testing of new automotive fire apparatus that are designed primarily to support wildland fire suppression operations. This standard is designed to cover new automotive fire apparatus primarily used to fight wildland fires at both on-road and off-road locations. To a limited degree, these apparatus can be used to protect exposures or fight structure fires from the exterior.

BSR/NFPA 1917-201x, Standard for Automotive Ambulances (revision of ANSI/NFPA 1917-2013)

This standard defines the requirements for new automotive ambulances designed to be used under emergency conditions to provide medical treatment and transportation of sick or injured people to appropriate medical facilities

# 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.

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## **IREC (Interstate Renewable Energy Council, Inc.)**

**Office:** 125 Wolf Road  
Suite 404  
Albany, NY 12205

**Contact:** *Laure-Jeanne Davignon*

**Phone:** (518) 621-7379

**E-mail:** laurejeanne@irecusa.org

BSR/IREC 14732-201X, General Requirements for the Accreditation of Clean Energy Certificate Programs (new standard)

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

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

**Contact:** *Barbara Bennett*

**Phone:** (202) 626-5743

**Fax:** (202) 638-4922

**E-mail:** comments@itic.org

INCITS/ISO/IEC 19794-7:2014, Information technology - Biometric data interchange formats - Part 7: Signature/sign time series data (identical national adoption of ISO/IEC 19794-7:2014 and revision of INCITS/ISO/IEC 19794-7:2007 [R2012])

INCITS/ISO/IEC 19794-5:2011/Amd 1:2014, Information technology - Biometric data interchange formats - Part 5: Face image data - Amendment 1: Conformance testing methodology and clarification of defects (identical national adoption of ISO/IEC 19794-5:2011/Amd 1:2014)

## **TIA (Telecommunications Industry Association)**

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

**Contact:** *Germaine Palangdao*

**Phone:** (703) 907-7497

**Fax:** (703) 907-7727

**E-mail:** standards@tiaonline.org

BSR/TIA 455-86-A-201x, Fiber Optic Cable Jacket Shrinkage (revision and redesignation of ANSI/TIA 455-86-1983 (R2005))

BSR/TIA 604-2-B-2004 (R201x), FOCIS2 - Fiber Optic Connector Intermateability Standards, Type ST (reaffirmation of ANSI/TIA 604-2-B-2004)

BSR/TIA 604-3-B-2004 (R201x), FOCIS3 - Fiber Optic Connector Intermateability Standard, Type SC (reaffirmation of ANSI/TIA 604-3-B-2004)

BSR/TIA 604-4-B-2004 (R201x), FOCIS4 - Fiber Optic Connector Intermateability Standards, Type FC and FC-APC (reaffirmation of ANSI/TIA 604-4-B-2004)

# 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.

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

### Revision

ANSI/ASHRAE Standard 105-2014, Standard Methods for Determining, Expressing and Comparing Building Energy Performance and Greenhouse Gas Emissions (revision of ANSI/ASHRAE Standard 105-2007): 2/19/2014

ANSI/ASHRAE Standard 152-2014, Method of Test for Determining the Design and Seasonal Efficiencies of Residential Thermal Distribution Systems (revision of ANSI/ASHRAE Standard 152P-2004): 2/19/2014

## ASME (American Society of Mechanical Engineers)

### Revision

ANSI/ASME B30.27-2014, Material Placement Systems (revision of ANSI/ASME B30.27-2009): 2/19/2014

ANSI/ASME HST-5-2014, Performance Standard for Air Chain Hoists (revision and redesignation of ANSI/ASME HST-5M-1999 (R2010)): 2/18/2014

## ATIS (Alliance for Telecommunications Industry Solutions)

### Revision

ANSI ATIS 0600329-2014, Network Equipment - Earthquake Resistance (revision of ANSI ATIS 0600329-2008): 2/25/2014

## AWWA (American Water Works Association)

### Revision

ANSI/AWWA C560-2014, Cast-Iron Slide Gates (revision of ANSI/AWWA C560-2001): 2/25/2014

## BIFMA (Business and Institutional Furniture Manufacturers Association)

### Revision

ANSI/BIFMA X5.5-2014, Desk/Table Products - Tests (revision of ANSI/BIFMA X5.5-2008): 2/26/2014

## CSA (CSA Group)

### New Standard

- \* ANSI Z21.96-2014, Standard for Gas Fired Portable Water Heaters (same as CSA 11.6) (new standard): 2/26/2014

### Revision

- \* ANSI Z21.19-2014, Standard for Refrigerators Using Gas Fuel (same as CSA 1.4) (revision of ANSI Z21.19-1990 (R2011) and ANSI Z21.19a-2009): 2/26/2014
- \* ANSI Z21.50-2014, Standard for Vented Gas Fireplaces (same as CSA 2.22) (revision of ANSI Z21.50-2012): 2/20/2014
- \* ANSI Z21.74-2014, Standard for Portable Refrigerators (revision of ANSI Z21.74-1992 (R2011) and ANSI Z21.74a-2010): 2/26/2014

- \* ANSI Z21.88-2014, Standard for Vented Gas Fireplace Heaters (same as CSA 2.33) (revision of ANSI Z21.88-2009 and ANSI Z21.88a-2012): 2/20/2014

- \* ANSI Z21.97-2014, Standard for Outdoor Decorative Gas Appliances (same as CSA 2.41) (revision of ANSI Z21.97-2012): 2/20/2014

- \* ANSI/CSA NGV 3.1/CSA 12.3-2014, Fuel system components for compressed natural gas powered vehicles (revision of ANSI/CSA NGV3.1-2012): 2/25/2014

## HL7 (Health Level Seven)

### Revision

ANSI HL7 V2.8-2014, Health Level Seven Standard Version 2.8 - An Application Protocol for Electronic Data Exchange in Healthcare Environments (revision and redesignation of ANSI/HL7 V2.7.1-2012): 2/20/2014

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

### New Standard

- \* ANSI/CSA B45.13/IAPMO Z1700-2014, Vacuum waste collection systems (new standard): 2/20/2014

## ISA (ISA)

### Reaffirmation

ANSI/ISA 12.13.04/FM 6325-2007 (R2014), Performance Requirements for Open Path Combustible Gas Detectors (reaffirmation of ANSI/ISA 12.13.04/FM 6325-2007): 2/26/2014

## NSF (NSF International)

### Revision

- \* ANSI/NSF 53 -2014 (i94r1), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2013 (i93r1)): 2/16/2014
- \* ANSI/NSF 173-2013 (i47r2), Dietary Supplements (revision of ANSI/NSF 173-2012): 8/19/2013

## SCTE (Society of Cable Telecommunications Engineers)

### New Standard

ANSI/SCTE 201-2013, Open Media Security (OMS) Root Key Derivation Profiles and Test Vectors (new standard): 2/20/2014

### Revision

- ANSI/SCTE 35-2013a, Digital Program Insertion Cueing Message for Cable (revision of ANSI/SCTE 35-2012): 2/20/2014
- ANSI/SCTE 52-2013, Data Encryption Standard - Cipher Block Chaining Packet Encryption Specification (revision of ANSI/SCTE 52-2008): 2/20/2014
- ANSI/SCTE 104-2013, Automation System to Compression System Communications Applications Program Interface (API) (revision of ANSI/SCTE 104-2012): 2/20/2014
- ANSI/SCTE 126-2013, Test Method for Distortion of 2-way Amplifier Caused by Insufficient Isolation of Built in Diplex Filter (revision of ANSI/SCTE 126-2007): 2/18/2014

**SDI (ASC A250) (Steel Door Institute)****Revision**

ANSI A250.13-2014, Testing & Rating of Severe Windstorm Resistant Components for Swinging Door Assemblies for Protection of Building Envelopes (Not Applicable for FEMA 320/361 of ICC-500 Shelters) (revision of ANSI A250.13-2008): 2/25/2014

**SPI (The Society of the Plastics Industry, Inc.)****New Standard**

ANSI/SPI B151.31-2014, Safety Requirements for the Manufacture and Use of Blow Molding Machines (new standard): 2/26/2014

**Revision**

ANSI/SPI B151.29-2014, Safety Requirements for Vertical Clamp Injection Molding Machines (revision of ANSI/SPI B151.29-2002 (R2013)): 2/25/2014

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

ANSI/UL 498-2014, Standard for Safety for Attachment Plugs and Adapters (revision of ANSI/UL 498-2013a): 2/24/2014

ANSI/UL 583-2014, Standard for Safety for Electric-Battery-Powered Industrial Trucks (revision of ANSI/UL 583-2012): 2/24/2014

ANSI/UL 583-2014a, Standard for Safety for Electric-Battery-Powered Industrial Trucks (revision of ANSI/UL 583-2012): 2/24/2014

- \* ANSI/UL 1838-2014, Standard for Safety for Low Voltage Landscape Lighting Systems (revision of ANSI/UL 1838-2012): 2/24/2014
- \* ANSI/UL 2108-2014, Standard for Safety for Low Voltage Lighting Systems (revision of ANSI/UL 2108-2011): 2/24/2014
- \* ANSI/UL 2108-2014a, Standard for Safety for Low Voltage Lighting Systems (revision of ANSI/UL 2108-2011): 2/24/2014

**VITA (VMEbus International Trade Association (VITA))****Revision**

ANSI/VITA 42.3-2014, XMC PCI Express Protocol Layer Standard (revision of ANSI/VITA 42.3-2006): 2/20/2014

**Correction****Listing of New Standard****ANSI/ASTM F2806-2010**

The following ASTM International F-17 Plastic Piping Systems committee standard was approved on 6/1/2010, but was never announced in Standards Action Final Action:

ANSI/ASTM F2806-2010, Specification For Acrylonitrile-butadiene-styrene (abs) Plastic Pipe (metric Sdr-pr) (new standard)

# 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](http://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.

## ASTM (ASTM International)

**Office:** 100 Barr Harbor Drive  
West Conshohocken, PA 19428-2959

**Contact:** Corice Leonard

**Fax:** (610) 834-3683

**E-mail:** [accreditation@astm.org](mailto:accreditation@astm.org)

BSR/ASTM WK45021-201x, New Specification for Polyamide 66 Gas Pressure Pipe, Tubing, and Fittings (new standard)

Stakeholders: Gas industry.

**Project Need:** This specification covers requirements and test methods for the characterization of polyamide 66 pipe, tubing, and fittings for use in fuel gas, oil and gas, and gas transmission applications. Pipe sizes in this standard range from to 8 NPS (IPS) and from to 1-1/4 NTS (CTS).

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK45021.htm>

BSR/ASTM WK45022-201x, New Specification for Factory Assembled Anodeless Risers and Transition Fittings in Polyamide 66 (PA66) Gas Systems (new standard)

Stakeholders: Gas industry.

**Project Need:** This specification covers requirements and test methods for the qualification of factory-assembled anodeless risers and transition fittings, for use in polyamide 66 (PA66) gas systems, in sizes NPS 1/2 through NPS 8.

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK45022.htm>

## ATIS (Alliance for Telecommunications Industry Solutions)

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

**Contact:** Kerriane Conn

**Fax:** (202) 347-7125

**E-mail:** [kconn@atis.org](mailto:kconn@atis.org); [jpemard@atis.org](mailto:jpemard@atis.org)

BSR ATIS 0300094-201x, Trouble Type Codes in Support of ATIS Trouble Administration Standards (revision of ANSI ATIS 0300094-2012)

Stakeholders: Communications industry.

**Project Need:** This document contains a canonical listing of Trouble Type Codes to be used in the Electronic Bonding process as specified in ATIS 0300003-2008 and ATIS 0300227-2008.

This document contains a canonical listing of Trouble Type Codes to be used in the Electronic Bonding process, as specified in ATIS 0300003-2008 and ATIS 0300227-2008.

## INMM (ASC N15) (Institute of Nuclear Materials Management)

**Office:** 1000 Independence Ave SW  
Washington, DC 20585-1290

**Contact:** Lynne Preston

**Fax:** (301) 903-6961

**E-mail:** [lynne.preston@hq.doe.gov](mailto:lynne.preston@hq.doe.gov)

BSR N15.8-2009 (R201x), Standard for Methods of Nuclear Material Control - Material Control Systems - Special Nuclear Material Control and Accounting Systems for Nuclear Power Plants (reaffirmation of ANSI N15.8-2009)

Stakeholders: Regulators, nuclear power plants.

**Project Need:** To maintain guidelines for control and accounting for special nuclear material (SNM) at nuclear power plants.

This standard provides the principal elements of a system for controlling and accounting for special nuclear material (SNM) at a nuclear power plant. Sets forth the fundamentals of a SNM control and accounting system, including criteria for the receipt, internal control, physical inventory, and shipment of SNM.

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

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

**Contact:** Barbara Bennett

**Fax:** (202) 638-4922

**E-mail:** [comments@itic.org](mailto:comments@itic.org)

INCITS/ISO/IEC 19794-7:2014, Information technology - Biometric data interchange formats - Part 7: Signature/sign time series data (identical national adoption of ISO/IEC 19794-7:2014 and revision of INCITS/ISO/IEC 19794-7:2007 [R2012])

Stakeholders: ICT industry.

**Project Need:** Adoption of this International Standard will be beneficial to the ICT industry.

ISO/IEC 19794-7:2014 specifies data interchange formats for signature/sign behavioral data captured in the form of a multidimensional time series using devices such as digitizing tablets or advanced pen systems. The data interchange formats are generic, in that they may be applied and used in a wide range of application areas where handwritten signs or signatures are involved. No application-specific requirements or features are addressed in ISO/IEC 19794-7:2014.

INCITS/ISO/IEC 19794-5:2011/Amd 1:2014, Information technology -  
Biometric data interchange formats - Part 5: Face image data -  
Amendment 1: Conformance testing methodology and clarification of  
defects (identical national adoption of ISO/IEC 19794-5:2011/Amd  
1:2014)

Stakeholders: ICT industry.

Project Need: Adoption of this International Standard will be beneficial  
to the ICT industry.

This is the first amendment to the 2011 edition of ISO/IEC 19794-5  
that:

- specifies a record format for storing, recording, and transmitting  
information from one or more facial images or a short video stream of  
facial images;
- specifies scene constraints of the facial images;
- specifies photographic properties of the facial images;
- specifies digital image attributes of the facial images; and
- provides best practices for the photography of faces.

**SPRI (Single Ply Roofing Institute)**

**Office:** 411 Waverley Oaks Road  
Suite 331B  
Waltham, MA 02452

**Contact:** *Linda King*

**Fax:** (781) 647-7222

**E-mail:** info@spri.org

BSR/SPRI RD-1-201x, Performance Standard for Retrofit Drains  
(revision of ANSI/SPRI RD-1-2009)

Stakeholders: Manufacturers, building owners, designers, architects,  
installers.

Project Need: Update to comply with current ASCE 7 and 5-year  
re canvass.

This standard is a reference on retrofit roof drains that are designated  
for installation in existing drain plumbing on existing roofs. This  
standard does not address roof design criteria

**VITA (VMEbus International Trade Association (VITA))**

**Office:** PO Box 19658  
Fountain Hills, AZ 85269

**Contact:** *John Rynearson*

**Fax:** (480) 837-7486

**E-mail:** techdir@vita.com

BSR/VITA 17.1-201x, Serial Front Panel Data Port (revision of  
ANSI/VITA 17.1-2003 (R2009))

Stakeholders: Manufacturers, suppliers, and users of modular  
embedded computers.

Project Need: Addresses the need to support higher data rates.

Revise ANSI/VITA 17.1 to support higher data rates and possibly to  
incorporate channel bonding capability.

# American National Standards Maintained Under Continuous Maintenance

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

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

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

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

To obtain additional information with regard to these standards, including contact information at the ANSI Accredited Standards Developer, please visit *ANSI Online* at [www.ansi.org/asd](http://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](http://www.ansi.org/publicreview).

Alternatively, you may contact the Procedures & Standards Administration department (PSA) at [psa@ansi.org](mailto: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](mailto:standact@ansi.org).

### ADA (Organization)

American Dental Association  
211 E. Chicago Ave  
Chicago, IL 60611  
Phone: (312) 440-2533  
Fax: (312) 440-2529  
Web: [www.ada.org](http://www.ada.org)

### AGMA

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

### ASC X9

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

### ASHRAE

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

### 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](http://www.asme.org)

### ASTM

ASTM International  
100 Barr Harbor Drive  
West Conshohocken, PA 19428-2959  
Phone: (610) 832-9744  
Fax: (610) 834-3683  
Web: [www.astm.org](http://www.astm.org)

### ATIS

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

### AWS

American Welding Society  
8669 NW 36 Street  
#130  
Miami, FL 33166  
Phone: (800) 443-9353  
Fax: (305) 443-5951  
Web: [www.aws.org](http://www.aws.org)

### AWWA

American Water Works Association  
6666 W. Quincy Ave.  
Denver, CO 80235  
Phone: (303) 347-6178  
Fax: (303) 795-7603  
Web: [www.awwa.org](http://www.awwa.org)

### BIFMA

Business and Institutional Furniture Manufacturers Association  
678 Front Ave. NW  
Grand Rapids, MI 49504  
Phone: 616-285-3963  
Fax: 616-285-3765  
Web: [www.bifma.org](http://www.bifma.org)

### CEA

Consumer Electronics Association  
1919 South Eads Street  
Arlington, VA 22202  
Phone: (703) 907-7697  
Fax: (703) 907-4197  
Web: [www.ce.org](http://www.ce.org)

### CGA

Compressed Gas Association  
14501 George Carter Way  
Suite 103  
Chantilly, VA 20151  
Phone: (703) 788-2728  
Fax: (703) 961-1831  
Web: [www.cganet.com](http://www.cganet.com)

### CSA

CSA Group  
8501 E. Pleasant Valley Road  
Cleveland, OH 44131  
Phone: (216) 524-4990  
Fax: (216) 520-8979  
Web: [www.csa-america.org](http://www.csa-america.org)

### ECA

Electronic Components Association  
2214 Rock Hill Road  
Suite 170  
Herndon, VA 20170-4212  
Phone: (571) 323-0294  
Fax: (571) 323-0245  
Web: [www.eciaonline.org](http://www.eciaonline.org)

### EOS/ESD

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

### HL7

Health Level Seven  
3300 Washtenaw Avenue  
Suite 227  
Ann Arbor, MI 48104  
Phone: (734) 677-7777 Ext 104  
Fax: (734) 677-6622  
Web: [www.hl7.org](http://www.hl7.org)

### IAPMO (ASC Z124)

International Association of Plumbing & Mechanical Officials  
5001 East Philadelphia Street  
Ontario, CA 91761-2816  
Phone: (909) 472-4106  
Fax: (909) 472-4150  
Web: [www.iapmort.org](http://www.iapmort.org)

### IICRC

the Institute of Inspection, Cleaning and Restoration Certification  
2715 E. Mill Plain Boulevard  
The Clean Trust Headquarters  
Vancouver, WA 98661  
Phone: (360) 313-7088  
Fax: (360) 693-4858  
Web: [www.thecleantrust.org](http://www.thecleantrust.org)

### INMM (ASC N14)

Institute of Nuclear Materials Management  
75 North 200 East  
Oak Ridge National Laboratory  
Richmond, UT 84333  
Phone: (435) 258-3730  
Web: [www.inmm.org](http://www.inmm.org)

### INMM (ASC N15)

Institute of Nuclear Materials Management  
1000 Independence Ave SW  
Washington, DC 20585-1290  
Phone: (301) 903-2627  
Fax: (301) 903-6961  
Web: [www.inmm.org](http://www.inmm.org)

### IREC

Interstate Renewable Energy Council, Inc.  
125 Wolf Road  
Suite 404  
Albany, NY 12205  
Phone: (518) 621-7379  
Web: [www.irecusa.org](http://www.irecusa.org)

### ISA (Organization)

ISA-The Instrumentation, Systems, and Automation Society  
67 Alexander Drive  
Research Triangle Park, NC 27709  
Phone: (919) 990-9228  
Fax: (919) 549-8288  
Web: [www.isa.org](http://www.isa.org)

### ITI (INCITS)

InterNational Committee for Information Technology Standards  
1101 K Street NW  
Suite 610  
Washington, DC 20005-3922  
Phone: (202) 626-5743  
Fax: (202) 638-4922  
Web: [www.incits.org](http://www.incits.org)

### NFPA

National Fire Protection Association  
One Batterymarch Park  
Quincy, MA 02169-7471  
Phone: (617) 770-3000  
Fax: (617) 770-0700  
Web: [www.nfpa.org](http://www.nfpa.org)

### NSF

NSF International  
789 N. Dixboro Road  
Ann Arbor, MI 48105  
Fax: (734) 827-6831  
Web: [www.nsf.org](http://www.nsf.org)

**SCTE**

Society of Cable Telecommunications  
Engineers  
140 Philips Road  
Exton, PA 19341  
Phone: (610) 594-7308  
Fax: (610) 363-5898  
Web: [www.scte.org](http://www.scte.org)

**SDI (ASC A250)**

Steel Door Institute  
30200 Detroit Road  
Cleveland, Ohio 44135  
Phone: (440) 899-0010  
Fax: (440) 892-1404  
Web: [www.wherryassocsteeldoor.org](http://www.wherryassocsteeldoor.org)

**SPI**

The Society of the Plastics Industry,  
Inc.  
POB 690905  
Houston, TX 77269  
Phone: (832) 446-6999  
Web: [www.plasticsindustry.org](http://www.plasticsindustry.org)

**SPRI**

Single Ply Roofing Institute  
411 Waverley Oaks Road  
Suite 331B  
Waltham, MA 02452  
Phone: (781) 647-7026  
Fax: (781) 647-7222  
Web: [www.spri.org](http://www.spri.org)

**TIA**

Telecommunications Industry  
Association  
1320 North Courthouse Road  
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Arlington, VA 22201  
Phone: (703) 907-7497  
Fax: (703) 907-7727  
Web: [www.tiaonline.org](http://www.tiaonline.org)

**UL**

Underwriters Laboratories, Inc.  
12 Laboratory Dr.  
RTP, NC 27709  
Phone: (919) 549-0973  
Fax: (919) 549-0973  
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# ISO Draft International Standards

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

## Comments

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

## Ordering Instructions

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

### **ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)**

IEC/NP 60601-1-11, Medical electrical equipment - Part 1-11: General requirements for basic safety and essential performance - Collateral standard: Requirements for medical electrical equipment and medical electrical systems used in the home healthcare environment

### **CERAMIC TILE (TC 189)**

ISO/DIS 13007-5, Ceramic tiles - Grouts and adhesives - Part 5: Liquid applied waterproof membranes for the installation of ceramic tiles - 5/25/2014

### **GLASS IN BUILDING (TC 160)**

ISO/DIS 9050, Glass in building - Determination of light transmittance, solar direct transmittance, total solar energy transmittance, ultraviolet transmittance and related glazing factors - 5/29/2014

ISO/DIS 16932, Glass in building - Destructive-windstorm-resistant security glazing - Test and classification - 5/29/2014

ISO/DIS 29584, Glass in building - Pendulum impact testing and classification of safety glass for use in buildings - 5/29/2014

### **GRAPHIC TECHNOLOGY (TC 130)**

ISO/DIS 18619, Image technology colour management - Black point compensation - 5/18/2014, \$62.00

### **OPTICS AND OPTICAL INSTRUMENTS (TC 172)**

ISO/DIS 18259, Ophthalmic optics - Contact lens care products - Method to assess contact lens care products with contact lenses in a lens case, challenged with bacterial and fungal organisms - 3/27/2014, \$46.00

### **PAINTS AND VARNISHES (TC 35)**

ISO/DIS 8623, Tall-oil fatty acids for paints and varnishes - Test methods and characteristic values - 5/28/2014, \$40.00

### **PHOTOGRAPHY (TC 42)**

ISO/DIS 17850, Photography - Digital cameras - Geometric distortion (GD) measurements - 5/25/2014

### **QUALITY MANAGEMENT AND CORRESPONDING GENERAL ASPECTS FOR MEDICAL DEVICES (TC 210)**

ISO/DIS 16142-1, Medical devices - Recognized essential principles of safety and performance of medical devices - Part 1: General essential principles and additional specific essential principles for all non-IVD medical devices and guidance on the selection of standards - 5/29/2014

### **ROAD VEHICLES (TC 22)**

ISO/DIS 6519, Diesel engines - Fuel injection pumps - Tapers for shaft ends and hubs - 5/23/2014, \$40.00

### **STEEL (TC 17)**

ISO/DIS 683-3, Heat-treatable steels, alloy steels and free-cutting steels - Part 3: Case hardening steels - 5/29/2014

ISO/DIS 683-5, Heat treatable steels, alloy steels and free-cutting steels - Part 5: Nitriding steels - 5/29/2014

ISO/DIS 19272, Low alloyed steel - Determination of ten elements - Glow discharge optical emission spectrometry (Routine Method) - 5/29/2014

### **STERILIZATION OF HEALTH CARE PRODUCTS (TC 198)**

ISO/DIS 15883-7, Washer-disinfectors - Part 7: Requirements and tests for washer-disinfectors employing chemical disinfection for non-invasive, non-critical thermolabile medical devices and healthcare equipment (ISO/DIS 15883-7:2014) - 5/28/2014, \$102.00

### **THERMAL INSULATION (TC 163)**

ISO 29467/NP Amd1, Thermal insulating products for building applications - Determination of squareness - Amendment 1 - 5/29/2014

ISO 29471/NP Amd1, Thermal insulating products for building applications - Determination of dimensional stability under constant normal laboratory conditions (23 degrees C/50 % relative humidity) - Amendment 1 - 5/29/2014

ISO 29472/NP Amd1, Thermal insulating products for building applications - Determination of dimensional stability under constant normal laboratory conditions (23 degrees C/50 % relative humidity) - Amendment 1 - 5/29/2014

ISO 29767/NP Amd1, Thermal insulating products for building applications - Determination of short-term water absorption by partial immersion - Amendment 1 - 5/29/2014

ISO 29771/NP Amd1, Thermal insulating materials for building applications - Determination of organic content - Amendment 1 - 5/29/2014

## **ISO/IEC JTC 1, Information Technology**

ISO/IEC 19794-7:2014/PDAM 1, Information technology - Biometric data interchange formats - Part 7: Signature/sign time series data - Amendment 1: XML encoding - 5/25/2014

ISO/IEC DIS 15944-9, Information technology - Business Operational View - Part 9: Business transaction traceability framework for commitment exchange - 5/23/2014, \$155.00

ISO/IEC DIS 29167-13, Information technology - Automatic identification and data capture techniques - Part 13: Air Interface for security services - Crypto suite Grain-128A - 5/23/2014, \$102.00



# 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](http://www.ansi.org). All paper copies are available from Standards resellers (<http://webstore.ansi.org/faq.aspx#resellers>).

## ISO Standards

### ISO/IEC JTC 1 Technical Reports

[ISO/IEC TR 27016:2014](#), Information technology - Security techniques - Information security management - Organizational economics, \$165.00

#### FINE CERAMICS (TC 206)

[ISO 17161:2014](#), Fine ceramics (advanced ceramics, advanced technical ceramics) - Ceramic composites - Determination of the degree of misalignment in uniaxial mechanical tests, \$88.00

#### GRAPHICAL SYMBOLS (TC 145)

[ISO 20712-3:2014](#), Water safety signs and beach safety flags - Part 3: Guidance for use, \$156.00

#### PAPER, BOARD AND PULPS (TC 6)

[ISO 16945:2014](#), Corrugating medium - Determination of the edge crush resistance after laboratory fluting, \$88.00

#### PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

[ISO 22854:2014](#), Liquid petroleum products - Determination of hydrocarbon types and oxygenates in automotive-motor gasoline and in ethanol (E85) automotive fuel - Multidimensional gas chromatography method, \$132.00

#### ROAD VEHICLES (TC 22)

[ISO 10924-2:2014](#), Road vehicles - Circuit breakers - Part 2: Users guide, \$149.00

#### RUBBER AND RUBBER PRODUCTS (TC 45)

[ISO 2393:2014](#), Rubber test mixes - Preparation, mixing and vulcanization - Equipment and procedures, \$149.00

[ISO 2476:2014](#), Butadiene rubber (BR) - Solution-polymerized types - Evaluation procedures, \$114.00

[ISO 2929:2014](#), Rubber hoses and hose assemblies for bulk fuel delivery by truck - Specification, \$114.00

#### SHIPS AND MARINE TECHNOLOGY (TC 8)

[ISO 16328:2014](#), Ships and marine technology - Gyro-compasses for high-speed craft, \$114.00

#### SMALL TOOLS (TC 29)

[ISO 11901-3:2014](#), Tools for pressing - Gas springs - Part 3: Gas spring with increased spring force and compact built height, \$108.00

[ISO 11901-4:2014](#), Tools for pressing - Gas springs - Part 4: Gas springs with increased spring force and same built height, \$88.00

#### SOIL QUALITY (TC 190)

[ISO 18227:2014](#), Soil quality - Determination of elemental composition by X-ray fluorescence, \$180.00

#### STEEL (TC 17)

[ISO 5954:2014](#), Cold-reduced carbon steel sheet according to hardness requirements, \$77.00

#### STEEL WIRE ROPES (TC 105)

[ISO 16841:2014](#), Steel wire ropes - Pulling eyes for rope installation - Types and minimum requirements, \$88.00

#### TYRES, RIMS AND VALVES (TC 31)

[ISO 7295/Amd1:2014](#), Tyre valves for aircraft - Interchangeability dimensions - Amendment 1, \$22.00

## ISO Technical Specifications

#### ROAD VEHICLES (TC 22)

[ISO/TS 18506:2014](#), Procedure to construct injury risk curves for the evaluation of road user protection in crash tests, \$66.00

### ISO/IEC JTC 1, Information Technology

[ISO/IEC 24791-3:2014](#), Information technology - Radio frequency identification (RFID) for item management - Software system infrastructure - Part 3: Device management, \$240.00

[ISO/IEC 27033-4:2014](#), Information technology - Security techniques - Network security - Part 4: Securing communications between networks using security gateways, \$139.00

## IEC Standards

#### ELECTRIC CABLES (TC 20)

[IEC 60502-SER Ed. 1.0 b:2012](#), Power cables with extruded insulation and their accessories for rated voltages from 1 kV (Um = 1,2 kV) up to 30 kV (Um = 36 kV) - ALL PARTS, \$802.00

[IEC 60502-2 Ed. 3.0 b:2014](#), Power cables with extruded insulation and their accessories for rated voltages from 1 kV (Um = 1,2 kV) up to 30 kV (Um = 36 kV) - Part 2: Cables for rated voltages from 6 kV (Um = 7,2 kV) up to 30 kV (Um = 36 kV), \$351.00

#### ELECTRICAL EQUIPMENT IN MEDICAL PRACTICE (TC 62)

[IEC 60601-2-2 Ed. 5.0 b cor.1:2014](#), Corrigendum 1 - Medical electrical equipment - Part 2-2: Particular requirements for the basic safety and essential performance of high frequency surgical equipment and high frequency surgical accessories, \$0.00

#### FIRE HAZARD TESTING (TC 89)

[IEC 60695-10-2 Ed. 3.0 b:2014](#), Fire hazard testing - Part 10-2: Abnormal heat - Ball pressure test method, \$85.00

**OTHER**

[CISPR 16-SER Ed. 1.0 b:2014](#), Specification for radio disturbance and immunity measuring apparatus and methods - ALL PARTS, \$4995.00

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

[IEC 62761 Ed. 1.0 b:2014](#), Guidelines for the measurement method of nonlinearity for surface acoustic wave (SAW) and bulk acoustic wave (BAW) devices in radio frequency (RF), \$182.00

[IEC 61337-2 Ed. 1.0 b:2004](#), Filters using waveguide type dielectric resonators - Part 2: Guidance for use, \$206.00

[IEC 61338-2 Ed. 1.0 b:2004](#), Waveguide type dielectric resonators - Part 2: Guidelines for oscillator and filter applications, \$230.00

[IEC 61338-4 Ed. 1.0 b:2005](#), Waveguide type dielectric resonators - Part 4: Sectional specification, \$121.00

[IEC 61338-1-4 Ed. 1.0 b:2005](#), Waveguide type dielectric resonators - Part 1-4: General information and test conditions - Measurement method of complex relative permittivity for dielectric resonator materials at millimetre-wave frequency, \$230.00

**SMART GRID USER INTERFACE (TC 118)**

[IEC/PAS 62746-10-1 Ed. 1.0 en:2014](#), Systems interface between customer energy management system and the power management system - Part 10-1: Open Automated Demand Response (OpenADR 2.0b Profile Specification), \$363.00

**SURFACE MOUNTING TECHNOLOGY (TC 91)**

[IEC 61760-1 Ed. 2.0 b:2006](#), Surface mounting technology - Part 1: Standard method for the specification of surface mounting components (SMDs), \$206.00

[IEC 61190-1-2 Ed. 3.0 b:2014](#), Attachment materials for electronic assembly - Part 1-2: Requirements for soldering pastes for high-quality interconnects in electronics assembly, \$182.00

**IEC Technical Specifications****SWITCHGEAR AND CONTROLGEAR AND THEIR ASSEMBLIES FOR LOW VOLTAGE (TC 121)**

[IEC/TS 61439-7 Ed. 1.0 b:2014](#), Low-voltage switchgear and controlgear assemblies - Part 7: Assemblies for specific applications such as marinas, camping sites, market squares, electric vehicles charging stations, \$206.00

# Proposed Foreign Government Regulations

## Call for Comment

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

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

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

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

# Information Concerning

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## American National Standards

### INCITS Executive Board

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

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

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

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

- **Producer – Hardware**

This category primarily produces hardware products for the ITC marketplace.

- **Producer – Software**

This category primarily produces software products for the ITC marketplace.

- **Distributor**

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

- **User**

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

- **Consultants**

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

- **Standards Development Organizations and Consortia**

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

- **Academic Institution**

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

- **Other**

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

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

### Calls for Members

#### Society of Cable Telecommunications

##### ANSI Accredited Standards Developer

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

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

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

### PINS Correction

#### ISO/IEC 11160-2:2013

In the February 21st issue of ANSI Standards Action, a PINS was announced for the adoption of ISO/IEC 11160-2:2013; however, it was incorrectly stated that this identical adoption also revised INCITS/ISO/IEC 11160-1:1996 [R2009]. The correct revision should be INCITS/ISO/IEC 11160-2:1996 [R2009].

## ANSI Accredited Standards Developers

### Approvals of Reaccreditations

#### American Nursery & Landscape Association (ANLA)

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of the American Nursery & Landscape Association (ANLA), an ANSI Organizational Member, has been approved under its recently revised operating procedures for documenting consensus on ANLA-sponsored American National Standards, effective February 26, 2014. For additional information, please contact: Warren Quinn, Esq., CAE, The Quinn Management Group LLC, P.O. Box 257, Kingsville, MD 21087; phone: 410.382.5569; e-mail: [warren@TQMgrp.com](mailto:warren@TQMgrp.com).

## ARMA International

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of ARMA International, an ANSI Organizational Member, has been approved under its recently revised policies, procedures, and publication guide for documenting consensus on ARMA International-sponsored American National Standards, effective February 21, 2014. For additional information, please contact: Nancy D. Barnes, PhD, CRM, CA, Standards Consultant, ARMA International, 11880 College Boulevard, Suite 450, Overland Park, KS 66210; phone: 913.312.5565; e-mail: [standards@armaintl.org](mailto:standards@armaintl.org).

## Automotive Lift Institute

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of the Automotive Lift Institute, an ANSI Organizational Member, has been approved under its recently revised operating procedures for documenting consensus on ALI-sponsored American National Standards, effective February 21, 2014. For additional information, please contact: Ms. Heather Almeida, Administrative Manager, Automotive Lift Institute, Inc., P.O. Box 85, Cortland, NY 13045; phone: 607.756.7775; e-mail: [heather@autolift.org](mailto:heather@autolift.org).

## National Council of Prescription Drug Programs (NCPDP)

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of the National Council of Prescription Drug Programs (NCPDP), an ANSI Organizational Member, has been approved under its recently revised NCPDP Standing Operating Procedures for documenting consensus on NCPDP-sponsored American National Standards, effective February 21, 2014. For additional information, please contact: Ms. Kittye Krempin, Advisor, Standards Development, NCPDP, 9240 Raintree Drive, Scottsdale, AZ 85260; phone: 512.291.1356; e-mail: [kkrempin@ncpdp.org](mailto:kkrempin@ncpdp.org).

## TUV Rheinland PTL

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of TUV Rheinland PTL, an ANSI Organizational Member, has been approved under its recently revised operating procedures for documenting consensus on TUV Rheinland PTL-sponsored American National Standards, effective February 21, 2014. For additional information, please contact: Mr. Jerry Novacek, Quality Manager, Competency Center Director, Quality, TUV Rheinland Global Group, 2210 South Roosevelt Drive, Tempe, AZ 85282; phone: 480.966.1700 ext 151; e-mail: [jnovacek@us.tuv.com](mailto:jnovacek@us.tuv.com).

## Underwriters Laboratories (UL)

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of Underwriters Laboratories (UL), an ANSI Organizational Member, has been approved under its recently revised operating procedures for documenting consensus on UL-sponsored American National Standards, effective February 24, 2014. For additional information, please contact: Ms. Deb Prince, Standards Process Manager, Underwriters Laboratories, 12 Laboratory Drive, P.O. Box 13995, Research Triangle Park, NC 27709; phone: 919.549.1460; e-mail: [Deborah.Prince@ul.com](mailto:Deborah.Prince@ul.com).

## Proposed Change in ASD Scope

### CSA Group

#### Comment Deadline: March 31, 2014

CSA Group has requested a revision to its standards activity scope statement from the one currently on file with ANSI. CSA Group's proposed new scope of standards activity is as follows:

Standards for the areas in which CSA Group conducts business

CSA Group's current scope of standards activity on file is:

Standards for fuel system products, appliances and components, including corrugated stainless steel house piping systems (CSST), natural gas vehicles and stations and fuel cells and hydrogen generation, covering construction, safe operation, performance, laboratory test methods, utilization, maintenance and nomenclature; and for the built environment including structural, performance, safety and operation of design.

Please submit any comments on CSA Group's revised scope by March 31, 2014 to: Mr. David Zimmerman, Manager, Standards Policy and Accreditation, CSA Group, 8501 East Pleasant Valley Road, Cleveland, OH 44131; phone: 216.524.4990; e-mail: [david.zimmerman@csagroup.org](mailto:david.zimmerman@csagroup.org) (please copy [psa@ansi.org](mailto:psa@ansi.org)). ASD scope statements are informational only, and appear with the complete contact info posted for all ASDs at: [www.ansi.org/asd](http://www.ansi.org/asd).

## ANSI Accreditation Program for Third Party Product Certification Agencies

### Scope Extensions

#### Curtis-Strauss, LLC

#### Comment Deadline: March 31, 2014

Mr. Tadas Stukas, Quality & HSE Manager  
**Curtis-Straus, LLC**  
 One Distribution Center Circle, Suite #1  
 Littleton, MA 01460  
 Phone: 978-486-8880  
 Fax: 978-486-8828  
 E-mail: [tadas.stukas@us.bureauveritas.com](mailto:tadas.stukas@us.bureauveritas.com)  
 Web: [www.curtis-strauss.com](http://www.curtis-strauss.com)

Curtis-Straus, LLC, an ANSI-accredited certification body, has requested a scope extension of ANSI accreditation to include the following:

Hong Kong Telecommunications Equipment Evaluation and Certification (HKTEC) Scheme

Voluntary Certification Scheme (VCS)

Type Acceptance Criteria for User Equipment of 2.3GHZ E-UTRA TDD Network

Please send your comments by March 31, 2014 to Reinaldo Balbino Figueiredo, Sr. Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: [rfigueir@ansi.org](mailto:rfigueir@ansi.org), or Nikki Jackson, Sr. Program Manager, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: [njackson@ansi.org](mailto:njackson@ansi.org).

**Perry Johnson Registrars Food Safety, Inc. (PJR FSA)**

**Comment Deadline: March 31, 2014**

Ramakrishnan Narasimhan  
Perry Johnson Registrars Food Safety Inc. (PJR FSI)  
Food Safety Program Supervisor  
**Perry Johnson Registrars, Inc.**  
755 West Big Beaver  
Suite 1340, Troy, MI 48084,  
Phone: 1-800-800-7910  
E-mail: [pjr@pjr.com](mailto:pjr@pjr.com)

On February 25th, 2014, The ANSI Accreditation Committee voted to approve a scope extension request to Perry Johnson Registrars Food Safety Inc. for the following scopes:

- BRC Global Standard for Packaging and Packaging Materials
- BRC Global Standard for Food Safety

Please send your comments by March 31, 2014 to Reinaldo Balbino Figueiredo, Sr. Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: [rfigueir@ansi.org](mailto:rfigueir@ansi.org), or Nikki Jackson, Sr. Program Manager, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: [njackson@ansi.org](mailto:njackson@ansi.org).

## Meeting Notice

### Association of Challenge Course Technology (ACCT) Consensus Group Meeting.

The next meeting of the ACCT Consensus Group is scheduled for the purpose of processing comments and draft standards for Proposed American National Standard BSR/ACCT 3-201X for the Challenge Course Industry.

Meeting Date: March 27th, 2014

Time: 12:00 pm Eastern time.

The meeting is open to the public. Persons wishing to attend this meeting are required to pre-register by contacting Bill Weaver, ACCT Director of Operations, [bill@acctinfo.org](mailto:bill@acctinfo.org), 800-991-0286, extension 913.

Tracking Number 4i18r3  
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Revision to NSF/ANSI 4 – 2009  
Issue 18, Draft 3 (January 2014)

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NSF/ANSI International Standard  
for Food Equipment —

## Commercial cooking, rethermalization, and powered hot food holding and transport equipment

### 5 Design and construction

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#### 5.4 Joints and seams

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**5.4.7** Walk-in or roll-in equipment without prefabricated floors shall be designed and manufactured so that the seams formed between the walls and floor or base may be closed and sealed upon assembly of the equipment.

**Reason:** *Requirements regarding the seams between the walls and floors were added for clarification.*

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#### 5.25 Enclosed spaces

Enclosed spaces shall be sealed or shall have removable access panels. Removable panels shall be provided where condensations is likely to occur within an enclosed space.

~~This requirement shall not exclude openings provided in the cavity of a microwave oven to facilitate the movement of air or energy.~~

~~Openings provided in the cavity of a microwave oven to facilitate the movement of air or energy shall be exempt.~~

Functional openings provided in the cavity of an oven shall be exempt. Examples include:

- Openings provided for a microwave oven to facilitate the movement of air or energy;
- Steam outlets for steam ovens;
- Openings for air movement inside convection ovens.

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*Reason: Microwave oven cavities are constructed with sections of punched openings to allow microwave energy to enter the oven cavity. Openings in the cavity may also be provided for the movement of air (convection). While food and moisture can pass through these openings, because of safety considerations, these areas are not accessible to the end user.*

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#### 5.45 Hot food holding equipment and hot food transport cabinets

~~5.45.5 Hot food holding cabinets intended solely for the display of foods that are not potentially hazardous shall have a permanently attached label that states: "Not for the storage or display of potentially hazardous foods." The label shall be clearly visible to the user after installation of the equipment.~~

*Reason: ~~The proposed marking is intended to address heated cabinets intended to hold different types of non-potentially hazardous foods, such as pretzels, cookies, nacho chips, and so forth, to clarify the intended use of such products.~~ Language moved to 5.48. A standalone section was created for food warming equipment.*

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#### 5.48 Food warming equipment

Food warming equipment intended solely for the display of foods that are not potentially hazardous shall have a permanently attached label that states: "Not for the storage or display of potentially hazardous foods." The label shall be clearly visible to the user after installation of the equipment.

*Reason: The proposed marking is intended to address heated cabinets intended to hold different types of non-potentially hazardous foods, such as pretzels, cookies, nacho chips, and so forth, to clarify the intended use of such products.*

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### 6 Performance

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#### 6.1 Enclosed hot food holding equipment and hot food transport cabinets

##### 6.1.1 Performance requirement

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Enclosed hot food holding equipment and hot food transport cabinets shall be capable of maintaining an internal air temperature of 150 °F (65 °C) or greater when tested in accordance with 6.1.2. There shall be no stratification in cabinet air temperature greater than 25 °F (14 °C).

NOTE 1 – Hot food holding wells in display cases shall conform to 6.2.1 of this Standard. If the case is also designed for holding hot food in the enclosed air space above the wells, 6.1.1 shall also apply.

NOTE 2 – These requirements shall also apply to ovens designed to hold hot food after cooking is complete.

NOTE 3 – These requirements shall not apply to proofing boxes and proofing cabinets.

NOTE 4 - These requirements shall not apply to heated hot food holding food warming equipment marked "Not for the storage or display of potentially hazardous foods." The marking shall be permanent and clearly visible to the user upon installation of the equipment.

**Reason:** *It is proposed that products not intended to hold potentially hazardous foods and marked in accordance with the newly proposed 5.48 are exempt from this performance test, similar to the exemption for proofing cabinets. The last sentence in note was deleted due to being stated in 5.48.*

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## 8 Product literature

The product manual and installation manual for floorless walk-in or roll-in equipment shall state the equipment is to be installed on flooring materials that are corrosion resistant and cleanable. Flooring materials meeting these requirements may include masonry materials.

**Reason:** *A new section for literature has been added to provide guidance to manufacturers, installers, and the regulatory community.*

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## Plastics piping system components and related materials

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Table 2 – Minimum number of test specimens for a sample

Test	Number of specimens	
acetone	1	
burst pressure	Start-up	5
	During steady-state operation	1
crush	1	
deflection load and crush resistance	3	
degree of crosslinking	1	
elongation (microtensile)	2	
environmental stress crack resistance		
materials tests	10	
pipe tests	6	
flattening	3	
impact	10	
pipe stiffness	3	
stabilizer functionality	2	
sustained pressure	6	
Tup puncture resistance	3	

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Table 8 - Chlorinated poly (vinyl chloride) (CPVC) pipe test frequency

Test	Frequency
burst pressure <sup>1,2</sup>	24 h
dimensions	
pipe OD	2 h
pipe wall thickness	2 h
pipe out-of-roundness	2 h
flattening resistance <sup>1</sup>	Annually
sustained pressure pipe and fittings assemblies	Annually
product standards	ASTM D2846 ASTM F441 ASTM F442 CSA B137.6
<sup>1</sup> Applies only to products produced under ASTM F441 and F442 as referenced in 2 of this Standard.	
<sup>2</sup> If one compound is continuously used in several machines or sizes, when a steady-state operation is obtained on each machine sample selection shall be from a different extruder each day and rotated in sequence among all machines or sizes.	
The manufacturer shall choose one of the following sampling methods:	
<ul style="list-style-type: none"> <li>- Sample selection shall be from a different extruder each day and rotated in sequence among all machines or sizes. Refer to Table 2 for minimum sample size.</li> </ul>	
or	
<ul style="list-style-type: none"> <li>- If more than three extruders are in operation, the sample shall consist of a minimum of one specimen from each extruder and shall be burst tested every 12 hours (minimum of 8 samples). This option requires additional testing than option 1 when there are more than 3 extruders.</li> </ul>	

**Reason:**

***The proposed change would require the manufacturer to test a minimum of five samples at start-up of the extruder. Once a steady-state operation is obtained, one sample from each extruder must be tested every 24 hours. This would satisfy the sampling requirement (5) of ASTM D1599 which does not specify test frequency. Ref: 9.2 of the standard.***

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## Sustainability Assessment for Carpet

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### 2 Normative references

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#### 2.1 Normative references

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International Organization for Standardization (ISO) 139: Textiles – Standard atmospheres for conditioning and testing<sup>1</sup>

International Organization for Standardization (ISO) 1957: Machine made textile floorcoverings – Sampling and cutting of specimens for physical tests<sup>1</sup>

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**3.4 carpet:** Heavy functional and ornamental floor coverings consisting of pile yarns or fibers and a backing system. May be tufted, flocked, or woven.

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### 9.3 Performance durability (prerequisite)

Durability testing provides an indication of the potential longevity of a carpet product when the product is properly selected for the intended use environment (e.g., high or low use/foot traffic areas). Demonstration of durability is achieved through assessment under the accelerated laboratory carpet performance tests and minimum performance requirements referenced in this section.

A manufacturer shall receive one point for demonstrating that the product meets the applicable performance durability testing requirements listed in Table 9.2 and Table 9.2A.

<sup>1</sup> International Organization for Standardization, ISO Central Secretariat, 1, ch. De la Voie-Cruese, CP 56, CH-1211 Geneva 20, Switzerland <www.iso.org>.

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Table 9.2 – Carpet performance Testing

Characteristic	Commercial Performance Standard		Residential Performance Standard		Validity of Test Data
	Value	Method	Value	Method	
Texture Appearance Retention Rating (TARR)	Moderate Traffic: min 2.5 TARR Heavy Traffic: min 3.0 TARR Severe Traffic: min 3.5 TARR	ASTM D5252-Hexapod drum at 12000 cycles  CRI TM 101-TARR			Within the previous 24 months
Tuft Bind (not flocked carpet)	8.0 lbs for loop pile yarns  3.0 lbs for cut pile yarns	ASTM D1335	6.2 lbs for loop pile yarns  3.0 lbs for cut pile yarns	ASTM D1335	Within the previous 12 months
Blade Test (for flocked carpets)	Less than 50% backing clearly visible after test	Blade Test (annex D)	Less than 50% backing clearly visible after test	Blade Test (annex D)	Within the previous 12 months
Delamination Strength	Minimum average value of 2.5 lbs/in	ASTM D3936	Minimum average value of 2.5 lbs/in	ASTM D3936	Within the previous 12 months
Flammability (Pill Test)	Must meet federal requirements	DOC FF 1-70	Must meet Federal requirements	DOC FF 1-70	Within the previous 24 months
Flammability (Radiant Panel)	Must meet local building/fire code regulations  Class 1- minimum 0.45 watts/cm <sup>2</sup>  Class 2- minimum 0.22 watts/cm <sup>2</sup>	ASTM E648	n/a		Within the previous 24 months
Flammability (Smoke Density)	Must meet local building/fire code regulations  Maximum specific optical density not exceeding 450 (flaming exposure)	ASTM E662	n/a		Within the previous 24 months

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Electrostatic Propensity	Equal to or less than 3.5kv	AATCC-134, step test			Within the previous 36 months
Colorfastness to Light	Minimum grade 4 at 40 AFU	AATCC 16E	Minimum grade 4 at 40 AFU	AATCC 16E	Within the previous 12 months

**Table 9.2A – Performance testing for wool rich carpet**

Characteristic	Commercial performance standard		Residential performance standard		Validity of Test Data
	Value	Method	Value	Method	
<b>Overall Appearance Change (OAC)</b>		ASTM D55252 – Hexapod drum test (1500 & 8000 cycles)		ASTM D55252 – Hexapod drum test (1500 & 8000 cycles)	Within the previous 24 months
Light use	≥ 3	CRI TM 101 - ARR grading assessment	≥ 2-3	CRI TM 101 - ARR grading assessment	
Moderate use	≥ 3	Value calculated combining OAC at both test durations	≥ 3	Value calculated combining OAC at both test durations	
Heavy use	≥ 3-4		≥ 3-4		
Severe use	≥ 3-4				
<b>Tuft bind</b>					Within the previous 12 months
Tufted carpets: loop pile	≥ 4.4 lbs	ASTM D1335	≥ 4.4 lbs	ASTM D1335	
cut pile	≥ 2.2 lbs		≥ 2.2 lbs		
Woven carpets (cut or loop)	≥ 0.77 lbs		≥ 0.77 lbs		
<b>Delamination strength</b>	Minimum average value of 2.5 lbs/in	ASTM D3936	Minimum average value of 2.5 lbs/in	ASTM D3936	Within the previous 12 months
<b>Soiling resistance</b>	$\Delta E \leq 3$	ASTM D6540 Drum Soiling Test using AATCC standard soil	$\Delta E \leq 3$	ASTM D6540 Drum Soiling Test using AATCC standard soil	Within the previous 24 months
<b>Flammability (Pill test)</b>	Must meet federal requirements	DOC FF 1-70	Must meet federal requirements	DOC FF 1-70	Within the previous 24 months
<b>Flammability (Radiant panel test)</b>	Must meet local building/fire code regulations Class 1- minimum 0.45	ASTM E648	Not applicable		Within the previous 24 months

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Table 9.2A – Performance testing for wool rich carpet

Characteristic	Commercial performance standard		Residential performance standard		Validity of Test Data
	Value	Method	Value	Method	
	watts/cm <sup>2</sup>				

NOTE - Overall Appearance Change = 1/3 (2 x (short term texture change) + long term texture change)

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## Annex D (normative)

### Blade test for Flocked floor coverings

#### D.1 Test description

This annex should be used for flocked floor coverings.

#### D.2 Scope

This test describes a laboratory test method to measure the abrasion resistance of flocked floor coverings. This test references both ISO 139 and ISO 1957.

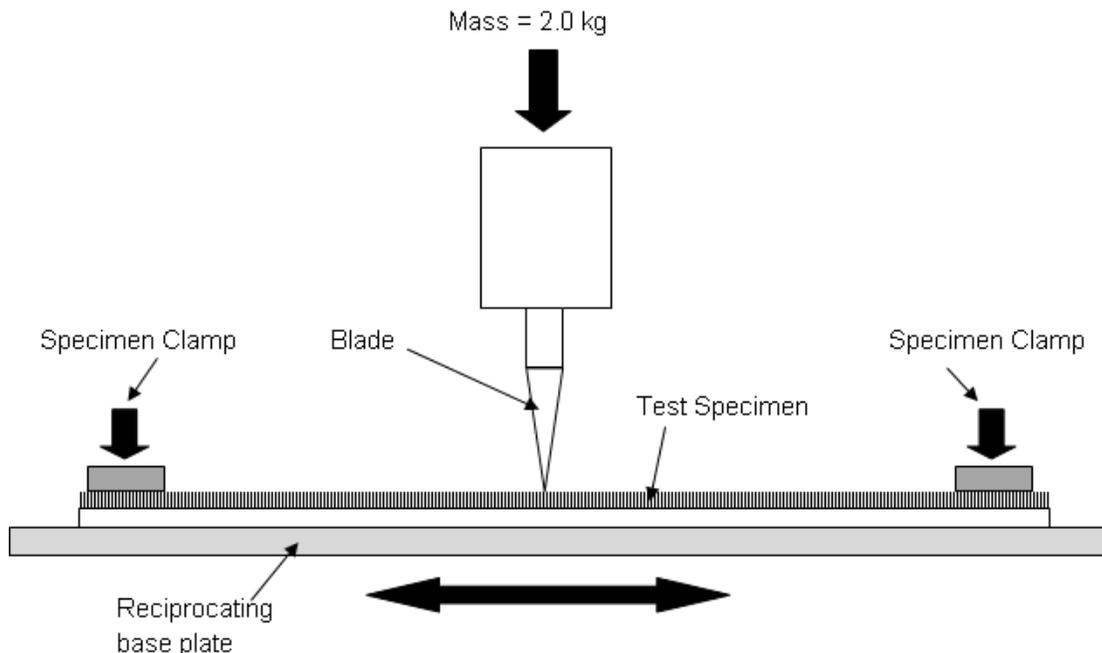
#### D.3 Principle

A specimen of the flocked floor covering to be tested is placed on the test apparatus pile face up. A blade is then lowered onto the pile surface which rubs against the pile surface for a determined number of cycles, after which a visual assessment is made.

##### D.3.1 Apparatus

Flock abrasion testing machine, having a reciprocating base plate onto which the flocked flooring sample can be clamped. The blade and weight assembly is capable of being lowered onto the sample.

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### D.3.2 Blade

The following items shall be set prior to beginning blade test:

Material	Tool Steel
Width	20 mm
Thickness	5 mm
Tip radius	0.3 mm
Angle	15°
Weight	2 ± 0.05 kg (weight assembly and blade)

The apparatus operates at 60 cycles\*/minute over a distance of 100 mm. A cycle is defined as one forward and backward movement of the blade.

### D.3.3 Conditioning

Condition the sample at standard atmosphere (20°C, 65% relative humidity) for a minimum of 24 hours.

### D.3.4 Preparation of Test Specimens

A specimen of size 40 x 300 mm is cut from the flocked floor covering (pile direction is not important).

## D.4 Procedure

- 1) Place the test specimen, pile uppermost, under the clamps and thread through under the raised blade.
- 2) Lower and tighten the clamps at each end while making sure that the test specimen is held taut (during the test the sample should remain flat without significant lifting in front of the blade)

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- 3) Carefully lower the blade onto the specimen and ensure that the weight is in place on the spindle above the blade.
- 4) Set the counter to the required number of cycles and switch on the apparatus. After the pre-set number of cycles has been completed, the apparatus will stop automatically.
- 5) Remove the specimen from the apparatus and brush it lightly to remove any loose fibres.

## **D.5 Assessment of Results**

Assess the specimen for wear. The pass criterion is that the pile must not be removed such that 50% backing becomes clearly visible.

## **D.6 Test Report**

The test report shall include the following information:

- 1) all the information necessary for complete identification of the sample;
- 2) the conditioning and testing atmosphere;
- 3) reference to this standard;
- 4) whether or not the sample has passed or failed the test;
- 5) any operations or conditions not specified in this standard, which might have affected the results;  
and
- 6) date of report.

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### e3 Furniture Sustainability

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## 4 Assessing Conformance, Evaluation, and Assessment Criteria

### 4.4.1 Levels of Conformance

Silver 32 to 44 total points; at least 5 of which are product related points

Gold 45 to 62 total points; at least 11 of which are product related points

Platinum 63 to 94-100 total points; at least 18 of which are product related points

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## 4.5 Baseline and Normalization Values

The baseline and normalization values selected for each credit shall be used consistently throughout the certification period for each credit. The baseline shall may only be recalculated as defined below.

~~Some points require improvements against a baseline. Applicants have flexibility in defining the unit of measure they use to demonstrate improvement. Once an applicant defines the unit of measure, they must consistently use that throughout the standard whenever the normalization method is applied. For purposes of this standard, the baseline is the average of any 36 consecutive months within the previous 72-month period.~~

### 4.5.1 Baseline Values

For the purposes of this standard, calculating a baseline shall be established by one of the following methods:

- 1) The average of any 36 consecutive months within the previous 72-month period.
- 2) Select a single year as the base year for which data are available. In no case shall the baseline year be set prior to 2005 or more than 10 years prior to the performance year under evaluation.
- 3) Use first BIFMA e3 baseline calculated as the fixed standard.

A baseline shall be recalculated when a 10% or greater change has occurred in the inventory (such as GHG, energy, water, etc.) based on one of the following:

- 1) Structural change (e.g., merger, acquisition, or divestiture, insourcing and outsourcing of activities) in the appropriate boundaries.
- 2) Change in calculation methodology or improvements in the accuracy of activity data that result in a significant impact on the base year data.

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3) Discover of significant errors, or a number of cumulative errors, that are collectively significant.

A baseline shall not be recalculated when:

1) Closing and opening of facilities that did not exist in the baseline year.

2) Outsourcing/insourcing: For energy, outsourcing/insourcing does not require recalculation of the base year if the insourced or outsourced emissions were previously reported under scope 2 and/or scope 3 (i.e., they were already accounted for in the inventory). Insourced emissions that had already been accounted for in scope 3 emissions and reported would not trigger a recalculation. However, insourcing or outsourcing of activities producing emissions that were not accounted for in the original inventory or that were accounted for originally but are not scope 3 and not accounted for, do require recalculation of the baseline. For example insourcing/outsourcing of activity that shifts significant emissions between scope 1 to scope 3 when those scope 3 emissions are not reported as part of the users inventory does trigger a base year emissions recalculation.

3) Organic growth or decline; which refers to increase or decreases in production output, change in product mix, and closing or openings of facilities owned or controlled by the company.

#### 4.5.2 Normalization Values

Applicants have flexibility in defining the unit of measure appropriate for each credit to demonstrate change over time.

#### 4.6 Frequency of Conformity Assessment

Products ~~must~~ shall be reevaluated if significant changes to materials, processes or the facility occur that affect the eligibility for any credit within the scope of conformance at the time of the change. Regardless, the frequency of conformity assessment shall not exceed three years.

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## **BSR/UL 1598B, Standard for Safety for Supplemental Requirements for Luminaire Reflector Kits for Installation on Previously Installed Fluorescent Luminaires**

### **1. Clarify Requirements for Luminaire Retrofit Kits that Provide Replacement Lampholders or Instant Start Ballasts**

10.2 Replacement lampholders provided as a part of a reflector kit shall be suitable for use with the type of fluorescent lamp marked on the ballast involved and be of the type to comply with the Standard for Luminaires, UL 1598, if used to retrofit a luminaire provided with an instant-start electronic ballast.

12.2 Except as noted in 12.3, a ballast provided as part of the kit intended to retrofit a luminaire with instant-start ballast(s), incorporating bi-pin lampholders, shall be Type CC.

12.3 A ballast provided as part of the kit intended to retrofit a luminaire with instant-start ballast(s) need not be Type CC if the luminaire is constructed with lampholders intended for use with instant-start electronic ballasts in accordance with the component requirements in the Standard for Luminaires, UL 1598. Lampholders marked with a circle "C" comply with these requirements.

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