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American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

Comment Deadline: May 6, 2018

NFSI (National Floor Safety Institute)

New Standard

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

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

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

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

NSF (NSF International)

Revision

BSR/NSF 49-201x (i112r3), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2016)

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

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

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

NSF (NSF International)

Revision

BSR/NSF 51-201x (i14Ar1), Food Equipment Materials (revision of ANSI/NSF 51-2014)

This Standard is applicable to the materials and finishes used in the manufacture of food equipment (e.g., broiler, beverage dispenser, cutting board, stock pot). The Standard is also applicable to components such as tubing, sealants, gaskets, valves, and other items intended for various food-equipment applications.

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

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

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 60079-18-201X, Standard for Safety for Explosive Atmospheres - Part 18: Equipment Protection by Encapsulation "m" (national adoption of IEC 60079-18 with modifications and revision of ANSI/UL 60079-18-2016)

This proposal includes revisions to 9.2 and the addition of a new Annex C.

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

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 567A-201x, Standard for Safety for Emergency Breakaway Fittings, Swivel Connectors and Pipe-Connection Fittings for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (revision of ANSI/UL 567A-2015)

The following is being proposed: (1) Reduce the length of the long-term exposure test.

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

Send comments (with copy to psa@ansi.org) to: Jeff Prusko, (847) 664-3416, jeffrey.prusko@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 567B-201x, Standard for Safety for Emergency Breakaway Fittings, Swivel Connectors and Pipe-Connection Fittings for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 567B-2015)

The following is being proposed: (1) Reduce the length of the long-term exposure test.

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

Send comments (with copy to psa@ansi.org) to: Jeff Prusko, (847) 664-3416, jeffrey.prusko@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 746A-201x, Standard for Safety for Polymeric Materials Short Term Property Evaluations (revision of ANSI/UL 746A-2017)

This proposal for UL 746A covers the inclusion of a sample conditioning requirement for the Inclined Plane Tracking Test in Paragraph 26.3. An initial version of this proposal was published by UL on January 26, 2018.

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

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 2034-201x, Standard for Safety for Single and Multiple Station Carbon Monoxide Alarms (revision of ANSI/UL 2034-2017d)

(1) Option for carbon monoxide alarms with digital displays to display real-time levels below 30 PPM; (2) Effect of shipping and storage.

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

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 2586A-201x, Standard for Safety for Hose Nozzle Valves for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (revision of ANSI/UL 2586A-2016)

The following is being proposed: (1) Reduce the length of the long-term exposure test.

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

Send comments (with copy to psa@ansi.org) to: Jeff Prusko, (847) 664-3416, jeffrey.prusko@ul.com

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

BSR/UL 2586B-201x, Standard for Safety for Hose Nozzle Valves for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 2586B-2015)

The following is being proposed: (1) Reduce the length of the long-term exposure test.

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

Send comments (with copy to psa@ansi.org) to: Jeff Prusko, (847) 664-3416, jeffrey.prusko@ul.com

Comment Deadline: May 21, 2018**AMCA (Air Movement and Control Association)****Revision**

BSR/AMCA 500-D-201x, Laboratory Methods of Testing Dampers for Rating (revision of ANSI/AMCA 500-D-12)

The purpose of this standard is to establish uniform laboratory test methods for dampers. The characteristics to be determined include, as appropriate, air leakage, pressure drop, dynamic closure, and operational torque.

Single copy price: \$5.00

Obtain an electronic copy from: emoore@amca.org

Order from: Erin Moore, emoore@amca.org

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

ASA (ASC S3) (Acoustical Society of America)**New Standard**

BSR ASA S3/SC1.6-201x, Procedure for Determining the Audiograms in Toothed Whales through Evoked Potential Methods (new standard)

The standard describes measurement procedures for obtaining audiograms in odontocete cetaceans (i.e., toothed whales) via evoked potential methods, specifically by generation of the auditory steady-state response (ASSR). Methods are specified for the use of sinusoidal amplitude modulated (SAM) tones and trains of tone bursts. It further establishes standards for reporting data collection methods, analyses, and hearing thresholds.

Single copy price: \$120.00

Obtain an electronic copy from: asastds@acousticalsociety.org

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

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

ASABE (American Society of Agricultural and Biological Engineers)**Revision**

BSR/ASAE S315.5 MONYEAR-201x, Agricultural Baling Twine for Automatic Balers (revision and redesignation of ANSI/ASAE S315.4-2012 (R2017))

The purpose of this standard is to provide uniform polyolefin and sisal agricultural baler twine specifications to ensure satisfactory performance in round and square balers and have adequate durability in normal storage and handling of baled forage and biomass materials. It is intended to cover agricultural baler twines manufactured for use in round balers, small square balers, and large square balers. This standard is not intended to restrict manufacturers in the use of materials or manufacturing processes, rather create a minimum expectation of baler twine product performance.

Single copy price: \$61.00

Obtain an electronic copy from: vangilder@asabe.org

Order from: Carla VanGilder, (269) 932-7015, vangilder@asabe.org

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

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

BSR X9.112-3-201x, Wireless Management and Security - Part 3: Mobile Banking (new standard)

Mobile platforms represent an evolution of payment transitions starting with the bank teller environment to an unattended, untrustworthy, and persistent wireless environment enabling spontaneous banking.

Single copy price: \$100.00

Order from: Ambria Frazier, (410) 267-7707, Ambria.frazier@x9.org

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

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

BSR/ASHRAE Standard 216P-201x, Methods of Test for Determining Application Data of Overhead Circulator Fans (new standard)

This proposed standard was created to provide standardized design data for the application of overhead circulation fans in indoor spaces. The test data can be used for occupant thermal comfort calculations and to demonstrate compliance with the thermal comfort requirements of ASHRAE Standard 55.

Single copy price: \$35.00

Obtain an electronic copy from: Free download at <https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts>

Order from: standards.section@ashrae.org

Send comments (with copy to psa@ansi.org) to: Online Comment Database at <https://www.ashrae.org/technical-resources/standards-and-guidelines/public-review-drafts>

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

Revision

BSR/ASHRAE Standard 20-201x, Method of Test for Rating Remote Mechanical-Draft Air-Cooled Refrigerant Condensers (revision of ANSI/ASHRAE Standard 20-201x)

This standard provides uniform methods of testing for obtaining performance data; definition of terms; specification of data to be recorded and calculation formulas; and test limits and tolerances for mechanical draft air-cooled refrigerant condensers.

Single copy price: \$35.00

Obtain an electronic copy from: standards.section@ashrae.org

Order from: standards.section@ashrae.org

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

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME BPE-201x, Bioprocessing Equipment (revision of ANSI/ASME BPE-2014)

The ASME BPE Standard provides requirements for systems and components that are subject to cleaning and sanitization and/or sterilization including systems that are cleaned in place (CIP'd) and/or steamed in place (SIP'd) and/or other suitable processes used in the manufacturing of biopharmaceuticals. This Standard also provides requirements for single-use systems and components used in the above-listed systems and components. The ASME Bioprocessing Equipment Standard was developed to aid in the design and construction of new fluid processing equipment used in the manufacture of biopharmaceuticals, where a defined level of purity and bioburden control is required.

Single copy price: Free

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

Order from: Mayra Santiago, ASME; ansibox@asme.org

Send comments (with copy to psa@ansi.org) to: Paul Stumpf, (212) 591-8536, stumpfp@asme.org

ASTM (ASTM International)

New Standard

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

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

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

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

ASTM (ASTM International)

New Standard

BSR/ASTM WK60816-201x, Practice for Evaluation of Suitability of 37 mm Filter Monitors and 47 mm Filters Used to Determine Particulate Contaminant in Aviation Turbine Fuel (new standard)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM D2239-2017 (R201x), Specification for Polyethylene (PE) Plastic Pipe (SIDR-PR) Based on Controlled Inside Diameter (reaffirmation of ANSI/ASTM D2239-2017)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM D2737-2017 (R201x), Specification for Polyethylene (PE) Plastic Tubing (reaffirmation of ANSI/ASTM D2737-2017)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM E1799-2018 (R201x), Practice for Visual Inspections of Photovoltaic Modules (reaffirmation of ANSI/ASTM E1799-2018)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM E1802-2018 (R201x), Test Methods for Wet Insulation Integrity Testing of Photovoltaic Modules (reaffirmation of ANSI/ASTM E1802-2018)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Reaffirmation

BSR/ASTM E2481-2018 (R201x), Test Method for Hot Spot Protection Testing of Photovoltaic Modules (reaffirmation of ANSI/ASTM E2481-2018)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM E2848-2018 (R201x), Test Method for Reporting Photovoltaic Non-Concentrator System Performance (reaffirmation of ANSI/ASTM E2848-2018)

http://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM E2908-2018 (R201x), Guide for Fire Prevention for Photovoltaic Panels, Modules, and Systems (reaffirmation of ANSI/ASTM E2908-2018)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM E2939-2018 (R201x), Practice for Determining Reporting Conditions and Expected Capacity for Photovoltaic Non-Concentrator Systems (reaffirmation of ANSI/ASTM E2939-2018)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F681-1982 (R201x), Practice for Use of Branch Connections (reaffirmation of ANSI/ASTM F681-1982 (R2014))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F682-1982A (R201x), Specification for Wrought Carbon Steel Sleeve-Type Pipe Couplings (reaffirmation of ANSI/ASTM F682-1982A (R2014))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F704-1981 (R201x), Practice for Selecting Bolting Lengths for Piping System Flanged Joints (reaffirmation of ANSI/ASTM F704-1981 (R2014))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F708-1997 (R201x), Practice for Design and Installation of Rigid Pipe Hangers (reaffirmation of ANSI/ASTM F708-1997 (R2014))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F782-2001 (R201x), Specification for Doors, Furniture, Marine (reaffirmation of ANSI/ASTM F782-2001 (R2012))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F821-2001 (R201x), Specification for Domestic-Use Doors and Frames, Steel, Interior, Marine (reaffirmation of ANSI/ASTM F821-2001 (R2012))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F856-1997 (R201x), Practice for Mechanical Symbols, Shipboard - Heating, Ventilation, and Air Conditioning (HVAC) (reaffirmation of ANSI/ASTM F856-1997 (R2014))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F985-2000 (R201x), Specification for Panama Canal Pilot Platform (reaffirmation of ANSI/ASTM F985-2000 (R2012))

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F986-1997 (R201x), Specification for Suction Strainer Boxes (reaffirmation of ANSI/ASTM F986-1997 (R2014))

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F1006-1997 (R201x), Specification for Entrainment Separators for Use in Marine Piping Applications (reaffirmation of ANSI/ASTM F1006-1997 (R2014))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F1019M-2001 (R201x), Specification for Steel Deck Gear Stowage Box [Metric] (reaffirmation of ANSI/ASTM F1019M-2001 (R2012))

http://www.astm.org/ANSI_SA

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

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F1030-1986 (R201x), Practice for Selection of Valve Operators (reaffirmation of ANSI/ASTM F1030-1986 (R2014))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F1071-1994 (R201x), Specification for Expanded-Metal Bulkhead Panels (reaffirmation of ANSI/ASTM F1071-1994 (R2012))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F1072-1994 (R201x), Specification for Expanded-Metal Doors (reaffirmation of ANSI/ASTM F1072-1994 (R2012))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F1073-1987 (R201x), Specification for Door Fittings, for Watertight/Gastight/Airtight, Weathertight, and Non-Tight Doors, for Marine Use (reaffirmation of ANSI/ASTM F1073-1987 (R2012))

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F1074-1997 (R201x), Specification for Cleats, Welded Horn Type (reaffirmation of ANSI/ASTM F1074-1997 (R2012))

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F1075-1997 (R201x), Specification for Dehumidifier, Shipboard, Mechanically Refrigerated, Self-Contained (reaffirmation of ANSI/ASTM F1075-1997 (R2014))

http://www.astm.org/ANSI_SA

Single copy price: Free

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

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F1106-87 (R201x), Specification for Warping Heads, Rope Handling (Gypsy Head, Capstan Head) (reaffirmation of ANSI/ASTM F1106-87 (R2012))

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F1142-1990 (R201x), Specification for Manhole Cover Assembly, Bolted, Semi-Flush, Oiltight and Watertight (reaffirmation of ANSI/ASTM F1142-1990 (R2012))

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

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

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

ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F1143-1990 (R201x), Specification for Manhole Cover Assembly, Bolted, Raised, Oiltight and Watertight (reaffirmation of ANSI/ASTM F1143-1990 (R2012))

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

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

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

ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F1144-1990 (R201x), Specification for Manhole Cover Assembly, Bolted, Semi-Flush, Oiltight and Watertight, Hinged (reaffirmation of ANSI/ASTM F1144-1990 (R2012))

http://www.astm.org/ANSI_SA

Single copy price: Free

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

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

ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F1197-2001 (R201x), Specification for Sliding Watertight Door Control Systems (reaffirmation of ANSI/ASTM F1197-2001 (R2012))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F1309-1998 (R201x), Practice for Installation Procedures for Fitting Chocks to Marine Machinery Foundations (reaffirmation of ANSI/ASTM F1309-1998 (R2012))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F1385-2006 (R201x), Practice for Platforms in Cargo Tanks (reaffirmation of ANSI/ASTM F1385-2006 (R2012))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F2283-2012 (R201x), Specification for Shipboard Oil Pollution Abatement System (reaffirmation of ANSI/ASTM F2283-2012)

http://www.astm.org/ANSI_SA

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

ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F2798-2009 (R201x), Specification for Sealless Lube Oil Pump with Oil through Motor for Marine Applications (reaffirmation of ANSI/ASTM F2798-2009 (R2014))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F2826-2014 (R201x), Test Method for Evaluating the Sustained Air Performance and Exhaust Emission Efficiencies of Central Vacuum Cleaning Units (reaffirmation of ANSI/ASTM F2826-2014)

http://www.astm.org/ANSI_SA

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

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F2855-2017 (R201x), Specification for Chlorinated Poly(Vinyl Chloride)/Aluminum/Chlorinated Poly(Vinyl Chloride) (CPVC-AL-CPVC) Composite Pressure Tubing (reaffirmation of ANSI/ASTM F2855-2017)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F2969-2017 (R201x), Specification for Acrylonitrile-Butadiene-Styrene (ABS) IPS Dimensioned Pressure Pipe (reaffirmation of ANSI/ASTM F2969-2017)

http://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)**Revision**

BSR/ASTM D6041-201x, Specification for Contact-Molded Fiberglass (Glass-Fiber-Reinforced Thermosetting Resin) Corrosion Resistant Pipe and Fittings (revision of ANSI/ASTM D6041-2012)

http://www.astm.org/ANSI_SA

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

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ASTM (ASTM International)**Revision**

BSR/ASTM D7547-201x, Specification for Hydrocarbon Unleaded Aviation Gasoline (revision of ANSI/ASTM D7547-2017)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Revision**

BSR/ASTM D7826-201x, Guide for Evaluation of New Aviation Gasolines and New Aviation Gasoline Additives (revision of ANSI/ASTM D7826-2017)

http://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)**Revision**

BSR/ASTM E1350-201x, Guide for Testing Sheathed Thermocouples, Thermocouples Assemblies, and Connecting Wires prior to and after Installation or Service (revision of ANSI/ASTM E1350-2017)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Revision**

BSR/ASTM F608-201x, Test Method for Evaluation of Carpet Embedded Dirt Removal Effectiveness of Household/Commercial Vacuum Cleaners (revision of ANSI/ASTM F608-2017)

http://www.astm.org/ANSI_SA

Single copy price: Free

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

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ASTM (ASTM International)**Revision**

BSR/ASTM F721-201x, Specification for Gage Piping Assemblies (revision of ANSI/ASTM F721-81 (R2014))

http://www.astm.org/ANSI_SA

Single copy price: Free

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

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ASTM (ASTM International)**Revision**

BSR/ASTM F722-201x, Specification for Welded Joints for Shipboard Piping Systems (revision of ANSI/ASTM F722-1982 (R2014))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Revision**

BSR/ASTM F858-201x, Specification for Hot Water Sanitizing Commercial Dishwashing Machines, Single Tank, Conveyor Rack Type (revision of ANSI/ASTM F858-2007 (R2013))

http://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)**Revision**

BSR/ASTM F1007-201x, Specification for Pipeline Expansion Joints of the Packed Slip Type for Marine Application (revision of ANSI/ASTM F1007-1997 (R2014))

http://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)**Revision**

BSR/ASTM F1960-201x, Specification for Cold Expansion Fittings with PEX Reinforcing Rings for Use with Cross-Linked Polyethylene (PEX) Tubing (revision of ANSI/ASTM F1960-2017)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

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

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

BSR/ATIS 0300211-201x, Information Interchange - Structure and Coded Representation of National Security and Emergency Preparedness (NS/EP) Telecommunications Service Priority (TSP) Codes for the North American Telecommunications System (revision of ANSI/ATIS 0300211-2012)

This standard provides the specifications, characteristics, and values of the National Security/Emergency Preparedness (NS/EP) – Telecommunications Service Priority (TSP) code. The TSP System is a Federal Communications Commission system which superseded the FCC National Communications System (NCS) Restoration Priority (RP) System. This standard contains sections covering its purpose and scope, code representation, allowable code values, and relative importance of activities associated with services having NS/EP TSP designations.

Single copy price: \$60.00

Obtain an electronic copy from: ablasgen@atis.org

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

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

BSR ATIS 0600308-2008 (S201x), Central Office Equipment - Electrostatic Discharge Immunity Requirements (stabilized maintenance of ANSI ATIS 0600308-2008 (R2013))

This standard specifies the Electrostatic Discharge (ESD) immunity requirements and test procedures as they apply to equipment assemblies intended for use in telecommunications central offices and similar-type environments. This standard also specifies the manufacturer's notification requirements for ESD protection.

Single copy price: \$60.00

Obtain an electronic copy from: ablasgen@atis.org

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

HL7 (Health Level Seven)**New Standard**

BSR/HL7 V3 PCAS, R1 (R201x), HL7 Version 3 Standard: Care Provision; Assessment Scales, Release 1 (new standard)

This standard provides a generic template based on the clinical statement patterns for use with almost all scores systems and assessment scales. It describes the information structure and vocabulary used to communicate information pertinent to the supervision, management and custody of living subjects, devices, geographic sites and other physical entities by a responsible care provider.

Single copy price: Free to HL7 members and non-members.

Obtain an electronic copy from: Karenvan@HL7.org

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

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

HL7 (Health Level Seven)**Reaffirmation**

BSR/HL7 V3 RXMSSEVNT, R1-2013 (R201x), HL7 Version 3 Standard: Medication Statement and Administration Event, Release 1 (reaffirmation of ANSI/HL7 V3 RXMSSEVNT, R1-2013)

This topic deals with the recording of statements about which medications the patient has received or is receiving through mechanisms other than a prescription, dispense, or administration. Examples include over-the-counter medications and patient statements (e.g., patient informs physician of a medication received while on vacation).

Single copy price: Free to HL7 members and non-members

Obtain an electronic copy from: Karenvan@HL7.org

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

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

HL7 (Health Level Seven)**Reaffirmation**

BSR/HL7 V3 TR, R1-201x (R201x), HL7 Version 3 Standard: Abstract Transport Specification, Release 1 (reaffirmation of ANSI/HL7 V3 TR AB, R1-2013)

The Abstract Transport Specification (ATS) describes the functional characteristics of the messaging infrastructure that are of general interest to HL7 applications, such as reliable messaging, delivery assurances, addressing, etc., and logical devices, such as gateways and bridges, which participate in the movement of composite messages between senders and receivers.

Single copy price: Free to HL7 members and non-members

Obtain an electronic copy from: Karenvan@HL7.org

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

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

IAPMO (International Association of Plumbing & Mechanical Officials)**Revision**

BSR/IAPMO USHGC 1-201x, Uniform Solar, Hydronics and Geothermal Code (revision of ANSI/IAPMO USEHC 1-2015)

Applies to the erection, installation, alteration, repair, relocation, replacement, addition to, use, or maintenance of solar energy, geothermal and hydronic systems including but not limited to equipment and appliances intended for space heating or cooling; water heating; swimming pool heating or process heating; and snow and ice melt systems.

Single copy price: \$10.00

Obtain an electronic copy from: hugo.aguilar@iapmo.org

Order from: Hugo Aguilar, Hugo.aguilar@iapmo.org

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

IAPMO (International Association of Plumbing & Mechanical Officials)**Revision**

BSR/IAPMO USPSHTC 1-201x, Uniform Swimming Pool, Spa & Hot Tub Code (revision of ANSI/IAPMO USPSHTC 1-2015)

The provisions of this code shall apply to the erection, installation, alteration, addition, repair, relocation, replacement, addition to, use, or maintenance of swimming pool, spa, or hot tub systems.

Single copy price: \$10.00

Obtain an electronic copy from: hugo.aguilar@iapmo.org

Order from: Hugo Aguilar, Hugo.aguilar@iapmo.org

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

NEMA (ASC C29) (National Electrical Manufacturers Association)**Revision**

BSR C29.11-201x, Composite Insulators - Test Methods (revision of ANSI C29.11-2012)

This standard comprises a manual of test methods to be followed in making tests to determine the characteristics of composite electrical power insulators, as defined in this standard.

Single copy price: Free

Order from: Gerard Winstanley, (703) 841-3231, Gerard.Winstanley@Nema.org

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

NEMA (ASC C29) (National Electrical Manufacturers Association)**Revision**

BSR C29.13-201x, Composite Insulators - Distribution Deadend Type (revision of ANSI C29.13-2012)

This standard covers composite distribution deadend insulators made of a fiberglass-reinforced resin matrix core, polymer material weathersheds, and metal end fittings intended for use on overhead lines for electric power systems, 69 kV and below. Mechanical and electrical performance levels specified in this standard are requirements for new insulators.

Single copy price: Free

Order from: Gerard Winstanley, (703) 841-3231, Gerard.Winstanley@Nema.org

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

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

BSR/SCTE 224-201x, Event Scheduling and Notification Interface (revision of ANSI/SCTE 224-2015)

This document defines the Event Scheduling and Notification Interface (ESNI), which is a web interface facilitating the transmission of event and policy information. ESNI provides a functional method for providers to communicate upcoming schedule or signal-based events and corresponding policy to distributors. This interface allows existing content distribution controls traditionally performed via manual control in IRDs by providers to be replaced with a programmatic interface (this standard). ESNI policy enables control of content distributed to audiences based on attributes of that audience including (but not limited to) geographic location and device type.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

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

TAPPI (Technical Association of the Pulp and Paper Industry)**Reaffirmation**

BSR/TAPPI T 834 om-2012 (R201x), Determination of containerboard roll hardness (reaffirmation of ANSI/TAPPI T 834 om-2012)

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

Single copy price: Free

Obtain an electronic copy from: standards@tappi.org

Order from: Laurence Womack, (770) 209-7276, standards@tappi.org

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

TIA (Telecommunications Industry Association)**Revision**

BSR/TIA 920.120-C-201x, Telecommunications - Communications Products - Transmission Requirements for Digital Interface Communications Devices with Speakerphone (revision and redesignation of ANSI/TIA 920.120-B -2017)

This standard establishes transmission performance requirements for speakerphone devices that function as narrowband (300 to 3400 Hz) or wideband (100 to 7000 Hz) digital interface communications devices, or both. Transmission may be over any digital interface including Local or Wide Area Networks, Firewire/IEEE Std 1394, Universal Serial Bus (USB), public ISDN or digital over twisted pair wire. This includes TDM-based and packet-based (e.g., VoIP) devices. These devices may be connected through modems, voice gateways, wireless access points, or PBXs, or they may be personal-computer-based communications devices. Examples include, but are not limited to: Cordless handsets in speakerphone mode, ISDN telephones, digital proprietary telephones, VoIP telephones (corded and cordless), softphones running on personal computers, IEEE Std 802.11 communications devices, USB communications devices, DECT (CAT-iq) telephones, Bluetooth® communications devices, and HD (High-Definition) voice communications devices. Some communications systems consist of a host (such as a laptop computer) with an interface for a Universal Serial Bus (USB) or radio-linked device. If the host device is assumed to have a 0 dB loss plan in its default state, then the relevant clauses of this standard are directly applicable to the USB or radio-linked device. If the host system provides gain or loss in the send path, receive path, or both, then the relevant clauses of this standard apply to the composite system. This revision will re-introduce the use of send and receive loudness ratings (SLR and RLR) as alternatives to send and receive level measurements. However, all receive testing is performed using the nominal volume control settings based on output level.

Single copy price: \$116.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: TIA, standards@tiaonline.org

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

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

BSR/UL 525-201x, Standard for Safety for Flame Arresters (revision of ANSI/UL 525-2008 (R2017))

The following is being proposed: (1) Addition of requirements for field-installed accessories and assemblies.

Single copy price: Free

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

Send comments (with copy to psa@ansi.org) to: Jeff Prusko, (847) 664-3416, jeffrey.prusko@ul.com

VC (ASC Z80) (The Vision Council)**Reaffirmation**

BSR Z80.17-2013 (R201x), Focimeters (reaffirmation of ANSI Z80.17-2013)

This standard specifies requirements for continuously indicating and digitally rounding focimeters with which the vertex powers and prismatic powers of spherical and astigmatic lenses, including lenses mounted in frames, can be measured and with which lenses can be oriented and marked.

Single copy price: \$60.00

Obtain an electronic copy from: ascz80@thevisioncouncil.org

Order from: Michele Stolberg, 585-387-9913, ascz80@thevisioncouncil.org

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

Comment Deadline: June 5, 2018

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

ASME (American Society of Mechanical Engineers)**New Standard**

BSR/ASME B30.30-201x, Ropes (new standard)

B30.30 will apply to the construction, selection, installation, attachment, testing, inspection, maintenance, repair, use, and replacement of wire rope, hybrid rope and synthetic fiber rope, and rope-lifting components used in conjunction with equipment addressed in the volumes of the B30 Standard.

Single copy price: Free

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

Order from: Mayra Santiago, ASME; ansibox@asme.org

Send comments (with copy to psa@ansi.org) to: Kathleen Peterson, (800) 843-2763, peterstonk@asme.org

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

BSR/ASME B1.12-1987 (R201x), Class 5 Interference - Fit Thread (reaffirmation of ANSI/ASME B1.12-1987 (R2013))

This Standard provides dimensional tables for external and internal plastic flow interference-fit (Class 5) threads of modified national thread form in the coarse thread series (NC) in sizes 0.250 in. through 1.500 in. It is intended that designs conforming with this Standard will provide adequate torque conditions which fall within the limits.

Single copy price: \$45.00

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

Order from: Mayra Santiago, ASME; ansibox@asme.org

Send comments (with copy to psa@ansi.org) to: April Amaral, AmaralA@asme.org

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

BSR/ASME B1.20.7-1991 (R201x), Hose Coupling Screw Threads (Inch) (reaffirmation of ANSI/ASME B1.20.7-1991 (R2013))

The purpose of this document is to provide standards for application to the threaded parts of hose couplings, valves, nozzles, and all other fittings used in direct connection with hose intended for domestic, industrial, and general service in normal sizes of 1/2, 5/8, 3/4, 1, 1-1/4, 1-1/2, 2, 2-1/2, 3, 3-1/2, and 4 in. The normal sequence of connections, in relation to the direction of flow, is from an externally threaded nipple into an internally threaded coupling.

Single copy price: \$39.00

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Send comments (with copy to psa@ansi.org) to: April Amaral, AmaralA@asme.org

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

BSR/ASME B1.21M-1997 (R201x), Metric Screw Threads MJ Profile (reaffirmation of ANSI/ASME B1.21M-1997 (R2013))

This Standard establishes the basic triangular profile for the MJ thread form, provides a system of designations, lists the standard series of diameter/pitch combinations for diameters from 1.6 to 200 mm, and specifies limiting dimensions and tolerances.

Single copy price: \$43.00

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

BSR/ASME A112.19.2/CSA B45.1-201x, Ceramic Plumbing Fixtures (revision of ANSI/ASME A112.19.2/CSA B45.1-2013)

This Standard covers vitreous and non-vitreous china plumbing fixtures and specifies requirements for materials, construction, performance, testing, and markings. This Standard's performance requirements and test procedures apply to all types of water closets and urinals that discharge into gravity drainage systems in permanent buildings and structures, independent of occupancy.

Single copy price: Free

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

Order from: Mayra Santiago, ASME; ansibox@asme.org

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

ASME (American Society of Mechanical Engineers)**Stabilized Maintenance**

BSR/ASME B5.48-1977 (S201x), Ball Screws (stabilized maintenance of ANSI/ASME B5.48-1977 (R2013))

This standard covers definitions, classes of ball screws, recommended combinations of screw diameters and leads, recommended drawing format, and performance characteristics of ball screw and nut assemblies as applied to machine tools.

Single copy price: \$33.00

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

Order from: Mayra Santiago, ASME; ansibox@asme.org

Send comments (with copy to psa@ansi.org) to: Lawrence Chan, (212) 591-7052, chanl4@asme.org

ASME (American Society of Mechanical Engineers)**Stabilized Maintenance**

BSR/ASME B5.55M-1994 (S201x), Specification and Performance Standard, Power Press Brakes (stabilized maintenance of ANSI/ASME B5.55M-1994 (R2013))

The purpose of this Standard is to define and describe press brake size, capacity, and performance.

Single copy price: \$33.00

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

Order from: Mayra Santiago, ASME; ansibox@asme.org

Send comments (with copy to psa@ansi.org) to: Lawrence Chan, (212) 591-7052, chanl4@asme.org

UL (Underwriters Laboratories, Inc.)**New National Adoption**

BSR/UL 60335-2-8-201X, Standard for Safety for Household and Similar Electrical Appliances, Part 2: Particular Requirements for Shavers, Hair Clippers, and Similar Appliances (Proposal dated 4-6-18) (national adoption of IEC 60335-2-8 with modifications and revision of ANSI/UL 60335-2-8 -2012)

The adoption of IEC 60335-2-8, Safety Standard for Household and Similar Electrical Appliances, Part 2: Particular Requirements for Shavers, Hair Clippers, and Similar Appliances, (Edition 6.1, Issued by the IEC November, 2015) is proposed as the Sixth Edition of UL 60335-2-8.

Single copy price: Free

Obtain an electronic copy from: <https://csds.ul.com/Home/ProposalsDefault.aspx>

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

Technical Reports Registered with ANSI**ITI (INCITS) (InterNational Committee for Information Technology Standards)**

INCITS/ISO/IEC TR 18268:2013 [2018], Identification cards - Contactless integrated circuit cards - Proximity cards - Multiple PICCs in a single PCD field (technical report)

ISO/IEC TR 18268:2013 presents a collation of industry experience of technical issues resulting from the presence of multiple PICCs (proximity card or object) in the field of a PCD (proximity coupling device). It describes how resonance frequencies may shift, how individual PICCs may see a reduced field strength, how multiple PICCs load the PCD, how they may change the local modulation signal and how PICCs should manage their identities to aid support of simultaneous usage. Scenarios for electronic passports with multiple visas and wallets containing multi-industry cards are explored.

Single copy price: \$24.00

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

Send comments (with copy to psa@ansi.org) to: Deborah Spittle, (202) 737-8888, comments@standards.incits.org

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

INCITS/ISO/IEC TR 18781:2015 [2018], Identification cards - Laundry testing of ID Cards (technical report)

ISO/IEC TR 18781:2015 gives guidance on the principles and methods of testing ID cards to simulate accidental exposure to conditions encountered during the washing and drying of clothing. The physical properties of a card may degrade after exposure and the test methods described may be useful for comparing different card materials or types.

Single copy price: \$22.50

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

Send comments (with copy to psa@ansi.org) to: Deborah Spittle, (202) 737-8888, comments@standards.incits.org

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

INCITS/ISO/IEC TR 19446:2015 [2018], Differences between the driving licences based on the ISO/IEC 18013 Series and the European Union specifications (technical report)

ISO/IEC TR 19446:2015 is applicable to driving licenses which include a microchip and claim compliance to the EU Regulation on driving licenses.

Single copy price: \$69.00

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Send comments (with copy to psa@ansi.org) to: Deborah Spittle, (202) 737-8888, comments@standards.incits.org

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

INCITS/ISO/IEC TR 29123:2007 [2018], Identification Cards - Proximity Cards - Requirements for the Enhancement of Interoperability (technical report)

ISO/IEC TR 29123:2007 defines a series of requirement and tests used to enhance the interoperability of proximity cards (PICC) and proximity coupling devices (PCD) defined in the ISO/IEC 14443 series and tested in accordance with ISO/IEC 10373-6.

Single copy price: \$69.00

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

Send comments (with copy to psa@ansi.org) to: Deborah Spittle, (202) 737-8888, comments@standards.incits.org

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

INCITS/ISO/IEC TR 30117:2014 [2018], Information technology - Guide to on-card biometric comparison standards and applications (technical report)

ISO/IEC TR 30117:2014 summarizes how the international standards, recommendations, and technical reports dealing with identification cards, biometrics and/or information security relate to each other with regard to the joint use of biometrics and integrated circuit cards. It also provides further recommendations and policies needed by developers to integrate applications related to on-card biometric comparison.

Single copy price: \$51.50

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

Send comments (with copy to psa@ansi.org) to: Deborah Spittle, (202) 737-8888, comments@standards.incits.org

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.

ASA (ASC S3) (Acoustical Society of America)

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

Contact: Neil Stremmel

Phone: (631) 390-0215

Fax: (631) 923-2875

E-mail: asastds@acousticalsociety.org

BSR ASA S3/SC1.6-201x, Procedure for Determining the Audiograms in Toothed Whales through Evoked Potential Methods (new standard)

ATIS (Alliance for Telecommunications Industry Solutions)

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

Contact: Alexandra Blasgen

Phone: (202) 434-8840

E-mail: ablasgen@atis.org

BSR ATIS 0600308-2008 (S201x), Central Office Equipment - Electrostatic Discharge Immunity Requirements (stabilized maintenance of ANSI ATIS 0600308-2008 (R2013))

CSA (CSA Group)

Office: 8501 East Pleasant Valley Rd.
Cleveland, OH 44131

Contact: Cathy Rake

Phone: (216) 524-4990 x88321

Fax: (216) 520-8979

E-mail: cathy.rake@csagroup.org

BSR C22.2 No. 340-201x, Battery Management Systems (new standard)

CTA (Consumer Technology Association)

Office: 1919 South Eads Street
Arlington, VA 22202

Contact: Veronica Lancaster

Phone: (703) 907-7697

Fax: (703) 907-4197

E-mail: vlancaster@cta.tech

BSR/CTA 2043-A-201x, Set-Top Box (STB) Power Measurement (revision and redesignation of ANSI/CTA 2043-2013)

BSR/CTA 2078.1-201x, Inclusive model simulations of hearing loss for device development and performance assessment (new standard)

BSR/CTA 2078-201x, Inclusive Model Simulations of Biometric Conditions for Device Development and Performance Assessment, General Overview (new standard)

NEMA (ASC C29) (National Electrical Manufacturers Association)

Office: 1300 North 17th Street
Suite 900
Rosslyn, VA 22209

Contact: Gerard Winstanley

Phone: (703) 841-3231

E-mail: Gerard.Winstanley@Nema.org

BSR C29.11-201x, Composite Insulators - Test Methods (revision of ANSI C29.11-2012)

BSR C29.13-201x, Composite Insulators Distribution Deadend Type (revision of ANSI C29.13-2012)

NSF (NSF International)

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

Contact: Allan Rose

Phone: (734) 827-3817

Fax: (734) 827-7875

E-mail: arose@nsf.org

BSR/NSF 49-201x (i112r3), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2016)

BSR/NSF 51-201x (i14Ar1), Food Equipment Materials (revision of ANSI/NSF 51-2014)

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Peachtree Corners, GA 30092

Contact: Laurence Womack

Phone: (770) 209-7276

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 230 om-2013 (R201x), Viscosity of pulp (capillary viscometer method) (reaffirmation of ANSI/TAPPI T 230 om-2013)

BSR/TAPPI T 236 om-2013 (R201x), Kappa number of pulp (reaffirmation of ANSI/TAPPI T 236 om-2013)

BSR/TAPPI T 268 om-2013 (R201x), Weight-volume measurement of pulpwood (reaffirmation of ANSI/TAPPI T 268 om-2013)

BSR/TAPPI T 274 sp-2013 (R201x), Laboratory screening of pulp (Master-Screen-type instrument) (reaffirmation of ANSI/TAPPI T 274 sp-2013)

BSR/TAPPI T 402 sp-2013 (R201x), Standard conditioning and testing atmospheres for paper, board, pulp handsheets, and related products (reaffirmation of ANSI/TAPPI T 402 sp-2013)

BSR/TAPPI T 410 om-2013 (R201x), Grammage of paper and paperboard (weight per unit area) (reaffirmation of ANSI/TAPPI T 410 om-2013)

BSR/TAPPI T 441 om-2013 (R201x), Water absorptiveness of sized (non-bibulous) paper, paperboard, and corrugated fiberboard (Cobb test) (reaffirmation of ANSI/TAPPI T 441 om-2013)

BSR/TAPPI T 491 om-2013 (R201x), Water immersion number of paperboard (reaffirmation of ANSI/TAPPI T 491 om-2013)

BSR/TAPPI T 496 sp-2013 (R201x), Specimen preparation for cross-directional internal tearing resistance for paper, paperboard and related materials (reaffirmation of ANSI/TAPPI T 496 sp-2013)

BSR/TAPPI T 549 om-201x, Coefficients of static and kinetic friction of uncoated writing and printing paper by use of the horizontal plane method (new standard)

BSR/TAPPI T 550 om-2013 (R201x), Determination of equilibrium moisture in pulp, paper and paperboard for chemical analysis (reaffirmation of ANSI/TAPPI T 550 om-2013)

BSR/TAPPI T 572 sp-2013 (R201x), Accelerated pollutant aging of printing and writing paper by pollution chamber exposure apparatus (reaffirmation of ANSI/TAPPI T 572 sp-2013)

BSR/TAPPI T 575 om-201x, Roughness of paper and paperboard, stylus (Emveco-type) method (new standard)

TIA (Telecommunications Industry Association)

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

Contact: *Teesha Jenkins*

Phone: (703) 907-7706

Fax: (703) 907-7727

E-mail: standards@tiaonline.org

BSR/TIA 920.120-C-201x, Telecommunications - Communications Products - Transmission Requirements for Digital Interface Communications Devices with Speakerphone (revision and redesignation of ANSI/TIA 920.120-B-2017)

Call for Members (ANS Consensus Bodies)

Call for Committee Members

ASC O1 – Safety Requirements for Woodworking Machinery

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

- General Interest
- Government
- Producer
- User

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

Final Actions on American National Standards

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

AISI (American Iron and Steel Institute)

New Standard

ANSI/AISI S919-2017, Test Standard for Determining the Flexural Strength and Stiffness of Cold-Formed Steel Nonstructural Members (new standard): 3/29/2018

Revision

ANSI/AISI S201-2017, North American Standard for Cold-Formed Steel Framing - Product Data (revision of ANSI/AISI S201-2012): 3/29/2018

ANSI/AISI S901-2017, Test Standard for Determining the Rotational-Lateral Stiffness of Beam-to-Panel Assemblies (revision of ANSI/AISI S901-2013): 3/29/2018

ANSI/AISI S902-2017, Test Standard for Determining the Effective Area of Cold-Formed Steel Compression Members (revision of ANSI/AISI S902-2013): 3/29/2018

ANSI/AISI S903-2017, Test Standard for Determining the Uniform and Local Ductility of Carbon and Low-Alloy Steels (revision of ANSI/AISI S903-2013): 3/29/2018

ANSI/AISI S904-2017, Test Standard for Determining the Tensile and Shear Strengths of Steel Screws (revision of ANSI/AISI S904-2013): 3/29/2018

ANSI/AISI S905-2017, Test Standard for Determining the Strength and Deformation Characteristics of Cold-Formed Steel Connections (revision of ANSI/AISI S905-2013): 3/29/2018

ANSI/AISI S906-2017, Test Standard for Determining the Load-Carrying Strength of Panels and Anchor-to-Panel Attachments for Roof or Siding Systems Tested in Accordance with ASTM E1592 (revision of ANSI/AISI S906-2013): 3/29/2018

ANSI/AISI S907-2017, Test Standard for Determining the Strength and Stiffness of Cold-Formed Steel Diaphragms by the Cantilever Test Method (revision of ANSI/AISI S907-2013): 3/29/2018

ANSI/AISI S908-2017, Test Standard for Determining the Flexural Strength Reduction Factor of Purlins Supporting a Standing Seam Roof System (revision of ANSI/AISI S908-2013): 3/29/2018

ANSI/AISI S909-2017, Test Standard for Determining the Web Crippling Strength of Cold-Formed Steel Flexural Members (revision of ANSI/AISI S909-2013): 3/29/2018

ANSI/AISI S910-2017, Test Standard for Determining the Distortional Buckling Strength of Cold-Formed Steel Hat-Shaped Compression Members (revision of ANSI/AISI S910-2013): 3/29/2018

ANSI/AISI S911-2017, Test Standard for Determining the Flexural Strength of Cold-Formed Steel Hat-Shaped Members (revision of ANSI/AISI S911-2013): 3/29/2018

ANSI/AISI S912-2017, Test Standard for Determining the Strength of a Roof Panel-to-Purlin-to-Anchorage Device Connection (revision of ANSI/AISI S912-2013): 3/29/2018

ANSI/AISI S913-2017, Test Standard for Determining the Strength and Deformation Behavior of Hold-Downs Attached to Cold-Formed Steel Structural Framing (revision of ANSI/AISI S913-2013): 3/29/2018

ANSI/AISI S914-2017, Test Standard for Determining the Strength and Deformation Behavior of Joist Connectors Attached to Cold-Formed Steel Structural Framing (revision of ANSI/AISI S914-2015): 3/29/2018

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

Addenda

ANSI/ASHRAE 147a-2018, Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems (addenda to ANSI/ASHRAE Standard 147-2013): 3/27/2018

ANSI/ASHRAE 147b-2018, Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems (addenda to ANSI/ASHRAE Standard 147-2013): 3/27/2018

ANSI/ASHRAE 147c-2018, Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems (addenda to ANSI/ASHRAE Standard 147-2013): 3/27/2018

ANSI/ASHRAE 147d-2018, Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems (addenda to ANSI/ASHRAE Standard 147-2013): 3/27/2018

ANSI/ASHRAE 147e-2018, Reducing the Release of Halogenated Refrigerants from Refrigerating and Air-Conditioning Equipment and Systems (addenda to ANSI/ASHRAE Standard 147-2013): 3/27/2018

ASME (American Society of Mechanical Engineers)

New Standard

ANSI/ASME B16.52-2018, Forged Nonferrous Fittings, Socket-Welding and Threaded (Titanium, Titanium Alloys, Aluminum, and Aluminum Alloys) (new standard): 3/29/2018

Revision

ANSI/ASME B30.9-2018, Slings (revision of ANSI/ASME B30.9-2014): 3/23/2018

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

ANSI/ATIS 0300075-2018, Usage Data Management Architecture and Protocols Requirements for Packet-Based Application Services (revision of ANSI/ATIS 0300075-2012): 3/29/2018

ANSI/ATIS 0300091-2018, Structure for Global Serialization of Information and Communications Technology (ICT) Network Infrastructure Equipment (revision of ANSI ATIS 0300091-2012): 3/29/2018

AWS (American Welding Society)

Revision

ANSI/AWS B2.3/B2.3M-2018, Specification for Soldering Procedure and Performance Qualification (revision of ANSI/AWS B2.3/B2.3M-2012): 3/29/2018

BHMA (Builders Hardware Manufacturers Association)

Revision

ANSI/BHMA A156.24-2018, Delayed Egress Locking Systems (revision of ANSI/BHMA A156.24-2012): 3/29/2018

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

ANSI/CGA M-1-2018, Standard for Medical Gas Supply Systems at Health Care Facilities (new standard): 3/23/2018

IEEE (Institute of Electrical and Electronics Engineers)***New Standard***

ANSI/IEEE 56-2016, Guide for Insulation Maintenance of Electric Machines (new standard): 3/23/2018

ANSI/IEEE 1819-2016, Standard for Risk-Informed Categorization and Treatment of Electrical and Electronic Equipment at Nuclear Power Generating Stations and Other Nuclear Facilities (new standard): 3/23/2018

ANSI/IEEE 11073-10427-2016, Standard - Health informatics - Personal Health Device Communication - Part 10427: Device Specialization - Power Status Monitor of Personal Health Devices (new standard): 3/23/2018

ANSI/IEEE C37.010-2016, Application Guide for AC High-Voltage Circuit Breakers > 1000 Vac Rated on a Symmetrical Current Basis (new standard): 3/23/2018

ANSI/IEEE C62.42.1-2016, Guide for the Application of Surge-Protective Components in Surge Protective Devices and Equipment Ports - Part 1: Gas Discharge Tubes (GDTs) (new standard): 3/23/2018

Revision

ANSI/IEEE C37.41-2016, Standard Design Tests for High-Voltage (>1000 V) Fuses and Accessories (revision of ANSI/IEEE C37.41-2008): 3/23/2018

MSS (Manufacturers Standardization Society)***Revision***

ANSI/MSS SP-25-2018, Standard Marking System for Valves, Fittings, Flanges, and Unions (revision of ANSI/MSS SP-25-2013): 3/29/2018

NEMA (ASC C37) (National Electrical Manufacturers Association)***Revision***

ANSI C37.50-2018, Low-Voltage AC Power Circuit Breakers Used in Enclosures - Test Procedures (revision of ANSI C37.50-2012): 3/29/2018

ANSI C37.51-2018, Metal-Enclosed Low-Voltage AC Power Circuit Breaker Switchgear Assemblies - Conformance Test Procedures. (revision of ANSI C37.51-2003 (R2010)): 3/29/2018

NSF (NSF International)***Revision***

ANSI/NSF 14-2018 (i95r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2016): 3/25/2018

ANSI/NSF 49-2018 (i105r3), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2016): 3/23/2018

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

ANSI A118.1-2018, Standard Specifications for Dry-Set Cement Mortar (revision of ANSI A118.1-2012): 3/29/2018

ANSI A118.4-2018, Specifications for Modified Dry-Set Cement Mortar (revision of ANSI A118.4-2012): 3/29/2018

ANSI A118.15-2018, Specifications for Improved Modified Dry-Set Cement Mortar (revision of ANSI A118.15-2012): 3/29/2018

UL (Underwriters Laboratories, Inc.)***New Standard***

* ANSI/UL 7006-2018, Standard for Sustainability for Household Room Air Conditioning Appliances (new standard): 3/27/2018

Revision

ANSI/UL 864-2018, Standard for Safety for Control Units and Accessories for Fire Alarm Systems (revision of ANSI/UL 864-2014): 3/29/2018

ANSI/UL 864-2018a, Standard for Standard for Safety for Control Units and Accessories for Fire Alarm Systems (revision of ANSI/UL 864-2014): 3/29/2018

Project Initiation Notification System (PINS)

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

Following is a list of proposed actions and new ANS that have been received recently from ASDs. Please also review the section in Standards Action entitled "American National Standards Maintained Under Continuous Maintenance" for additional or comparable information with regard to standards maintained under the continuous maintenance option. Use the following Public Document Library url to access PDF & EXCEL reports of approved & proposed ANS. [List of Approved and Proposed ANS](#)

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

AA (ASC H35) (Aluminum Association)

Contact: Jack Cowie, (202) 758-8481, jcowie@aluminum.org

BSR H35.1-201x, Standard Alloy and Temper Designation Systems for Aluminum (revision and redesignation of ANSI H35.1/H35.1(M)-2017)

Stakeholders: The stakeholders for this standard are as follows: aluminum alloy producers and manufacturers, aluminum extrusion industry, aerospace industry, aluminum foundries, metal service centers, electrical manufacturing industry, automotive industry, U.S. Department of Commerce, and U.S. Department of Defense.

Project Need: Update the standard with the most up-to-date information on alloys and temper designations for aluminum.

This standard provides systems for designating wrought aluminum and wrought aluminum alloys and aluminum and aluminum alloys in the form of castings and foundry ingot, and the tempers in which aluminum and aluminum alloy wrought products and aluminum alloy castings are produced. Specific limits for chemical compositions and for mechanical and physical properties to which conformance is required are provided by applicable product standards.

BSR H35.2-201x, Standard Dimensional Tolerances for Aluminum Mill Products (revision of ANSI H35.2-2017)

Stakeholders: The stakeholders for this standard are as follows: aluminum alloy producers and manufacturers, aluminum extrusion industry, aerospace industry, aluminum foundries, metal service centers, electrical manufacturing industry, automotive industry, U.S. Department of Commerce, and U.S. Department of Defense.

Project Need: Update the standard with the most current data for the dimensional tolerances for aluminum mill products. This standard includes definitions, as well as standard limits for expressing tolerances (Standard limits, rounding, etc.).

The standard contains information and data pertaining to the tolerances and other physical characteristics of various aluminum and aluminum alloy wrought products.

BSR H35.2M-201x, Standard Dimensional Tolerances for Aluminum Mill Products (revision of ANSI H35.2M-2017)

Stakeholders: The stakeholders for this standard are as follows: aluminum alloy producers and manufacturers, aluminum extrusion industry, aerospace industry, aluminum foundries, metal service centers, electrical manufacturing industry, automotive industry, U.S. Department of Commerce, and U.S. Department of Defense.

Project Need: Update the standard with the most current data for the dimensional tolerances for aluminum mill products.

Update the standard with the most current data for the metric dimensional tolerances for aluminum mill products. This standard includes definitions, as well as standard limits for expressing metric tolerances (Standard limits, rounding, etc.).

AAFS (American Academy of Forensic Sciences)

Contact: Teresa Ambrosius, (719) 453-1036, tambrosius@aafs.org

BSR/ASB BPR 072-201x, Standards for the Validation of Procedures in Bloodstain Pattern Analysis (new standard)

Stakeholders: Forensic bloodstain pattern analysis professionals.

Project Need: New technologies are being developed throughout the forensic science community. The adoption of these technologies into procedures requires validation prior to use in casework. Validation will ensure that new procedures are based on scientific principles and are reliable, accurate, and relevant. Undertaking validation may identify areas where improvements are required and where new procedures need to be developed. This document aims to provide a framework for validation.

This document applies to the validation of procedures for bloodstain pattern analysis casework and new equipment. It also applies to the internal validation of established procedures existing within the BPA community when such procedures are being used within an agency.

AISI (American Iron and Steel Institute)

Contact: Helen Chen, (202) 452-7100, Hchen@steel.org

BSR/AISI S100-16/S1-18-201x, Supplement 1 to the North American Specification for the Design of Cold-Formed Steel Structural Members (supplement to ANSI/AISI S100-2016)

Stakeholders: Cold-Formed Steel Framing industry.

Project Need: The changes to the current standard are necessary to ensure the adequate design.

This supplement to AISI S100-16 provides (a) revision to Section A3.3.1, Strength Increase from Cold Work of Forming and (b) deletion of Section J7.2, Power-Actuated Fasteners (PAFs) in Concrete.

AWS (American Welding Society)

Contact: Peter Portela, (800) 443-9353, pportela@aws.org

BSR/AWS D1.9/D1.9M-201x, Structural Welding Code - Titanium (revision of ANSI/AWS D1.9/D1.9M-2015)

Stakeholders: U.S. Military and Commercial structural interests.

Project Need: Industry requires a document which can be specified on engineering drawings and in contracts. Industry needs a single useful document which is adaptable to the application - whether it's a bike frame or a gun cradle.

This code covers the requirements for design and welding of any type of titanium structure. Titanium pressure vessels and fluid-carrying pipelines are specifically excluded. Clauses 1 through 5 and Annex A constitute a body of rules for the regulation of welding in titanium construction. A commentary on the code is also included with the document.

CSA (CSA Group)

Contact: Cathy Rake, (216) 524-4990 x88321, cathy.rake@csagroup.org

BSR C22.2 No. 340-201x, Battery Management Systems (new standard)

Stakeholders: BMS manufacturer, battery manufacturers and users (energy storage, utilities, automotive, transportation, consumer), certification bodies and testing laboratories, academic (universities, research institutes), regulatory and safety organization.

Project Need: Energy storage devices (batteries) due to high-energy density associated with these systems are prone to catastrophic failures, including fires and explosions, resulting from exothermic runaway reactions. Battery Management Systems (BMS) through multidisciplinary approaches is solving the complex challenges associated with these energy storage systems by protecting the battery from operating outside its safe operating area. The project is needed because battery management systems (BMS) are not consistently evaluated in the same manner today and also to support innovation in BMS by providing a standardized safety methodology. This standard will meet the strategic needs of the following key interests: (a) ensuring that the latest innovative/technology/safety features are available for users, (b) addressing needs of regulators by providing suitable requirements, (c) supporting certification bodies, (d) Safety, and (e) Consistency in test/safety evaluation.

This standard covers the design, performance, and safety of battery management systems. Battery management systems are electronic or electromechanical systems that control or regulate a battery or batteries which may include external communication capabilities. This standard covers battery management systems in all applications including stationary batteries (e.g., local energy storage, smart grids, auxiliary power systems), batteries used to power mobility applications (e.g., electric vehicles, rail transport, aeronautics), and appliances and machinery (e.g., tools, kitchen appliances, manufacturing lines) used in consumer/residential, commercial, and industrial settings.

BSR Z21.1-201x, Household Cooking Gas Appliances (same as CSA 1.1) (revision of ANSI Z21.1-2016)

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

Project Need: Revised and new text.

Details test and examination criteria for household cooking appliances for use with natural manufactured and mixed gases, liquefied petroleum gases and LP gas-air mixtures. The standard defines a household cooking gas appliance as an appliance for domestic food preparation, providing at least one function of (1) top or surface cooking, (2) oven cooking, or (3) broiling.

BSR Z21.91-201x, Ventless Firebox Enclosures for Gas-Fired Unvented Decorative Room Heaters (revision of ANSI Z21.91-2017)

Stakeholders: Manufacturers, utilities, consumers, testing agencies.

Project Need: Update and revise text for safety.

Details test and examination criteria for ventless firebox enclosures for unvented decorative room heaters. Fireboxes covered by this standard are intended for use with unvented decorative room heaters which comply with ANSI Z21.11.2 for installation in solid-fuel-burning fireplaces.

CTA (Consumer Technology Association)

Contact: *Veronica Lancaster, (703) 907-7697, vlancaster@cta.tech*

BSR/CTA 2043-A-201x, Set-top Box (STB) Power Measurement (revision and redesignation of ANSI/CTA 2043-2013)

Stakeholders: Consumers, retailers, manufacturers.

Project Need: Revise ANSI/CTA 2043.

This standard defines procedures for measuring Set-Top Box (STB) power consumption. CTA 2043 includes procedures for measuring power consumption for a broad variety of STB types and features, and therefore not all test procedures are applicable to all STBs. The entity specifying the use of CTA 2043 for STB power measurement is expected to select which procedures are required for the STB being tested and is expected to define predetermined testing parameters required by the test procedures chosen. Informative annexes are included to provide specific mapping to other industry standards in use, as well as information for various equipment and testing scenarios.

- * BSR/CTA 2078.1-201x, Inclusive model simulations of hearing loss for device development and performance assessment (new standard)

Stakeholders: Consumers, manufacturers, and retailers.

Project Need: To create new standard for inclusive model simulations of hearing loss for device development and performance assessment

This document is part of a suite that establishes a standardized set of computational simulations of stages of hearing loss for available use by developers and the broader industry. Intended usage of the hearing loss simulations defined in this document would include during: (1) development to evolve and assess the baseline performance and objective improvement of algorithmic or design decisions with regard to the varying stages of hearing loss, (2) objective assessment to inform and develop improved objective performance models of algorithm and device quality with regard to hearing loss, and (3) subjective assessment to enable a baseline comparative system for subjective algorithmic or device performance evaluation. The hearing loss conditions defined in this document are often associated with accessibility and aging, but could also occur naturally or apply to persons born with hearing loss.

- * BSR/CTA 2078-201x, Inclusive Model Simulations of Biometric Conditions for Device Development and Performance Assessment, General Overview (new standard)

Stakeholders: Consumers, manufacturers, and retailers.

Project Need: To create new standard for inclusive model simulations of biometric conditions for device development and performance assessment, general overview.

This suite of documents establishes an overview of general principles with regard to a standardized set of computational simulations of human/physiological conditions for available use by developers and the broader industry. Intended usage of the simulations for specific conditions described in corresponding sub-documents would include during: (1) development to evolve and assess the baseline performance and objective improvement of algorithmic or design decisions with regard to a specific human physiological condition, (2) objective assessment to inform and develop improved objective performance models of algorithm and device quality with regard to a specific human physiological condition, and (3) subjective assessment to enable a baseline comparative system for subjective algorithmic or device performance evaluation. These (human/biometric) conditions are often associated with accessibility and aging, and will be defined in subdocuments in this suite.

HL7 (Health Level Seven)

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

BSR/HL7 CDAR2 IG TRAUMAREG R2-201x, HL7 CDA R2 Implementation Guide: Trauma Registry Data Submission, Release 2 - US Realm (revision and redesignation of ANSI/HL7 CDAR2 IG TRAUMAREG R1-2016)

Stakeholders: Quality reporting agencies, regulatory agency.

Project Need: ACS wishes to update the standardized submission format in order to support reuse of information for both submitters and consumers.

This document provides guidance on the reporting of hospital trauma information to a trauma data repository. This version provides updates supporting submissions to the 2017 release of the American College of Surgeons' (ACS) National Trauma Data Bank (NTDB), including performance measures.

BSR/HL7 NMN R1-201x, HL7 Cross-Paradigm Specification: Neutral Mapping Notation, Release 1 (new standard)

Stakeholders: Healthcare information exchange.

Project Need: There are numerous requirements within the FHIR specification for the use of a graph query language. These requirements overlap the requirements for Clinical Quality Language, but introduce additional requirements that are not met by CQL. This project will seek to meet the requirements into a single specification that is consistent with the goal of a general-purpose language.

This document defines a path-based navigation and extraction language, somewhat like XPath. Operations are expressed in terms of the logical content of hierarchical data models, and support traversal, selection, and filtering of data. Its design was influenced by the needs for path navigation, selection, and formulation of invariants in both HL7 Fast Healthcare Interoperability Resources (FHIR) and HL7 Clinical Quality Language (CQL).

BSR/V3 PSAF R1-201x, HL7 Version 3 Standard: Privacy and Security Architecture Framework - Trust Framework for Federated Authorization, Release 1 (new standard)

Stakeholders: SDOs, EHR, PHR, health care IT.

Project Need: Harmonization of multiple overlapping HL7 and other SDO security standards, some of which support privacy standards, into an overarching architecture is needed to support consistent interpretation and implementation of these standards.

HL7 Security WG is developing an overarching Privacy and Security Framework Architecture [PSAF] based on foundational standards: ISO/IEC 10181-3 and ISO 22600. PSAF is the unifying framework for all HL7 Privacy and Security standards, and now includes a Trust Framework for Federated Authorization [TF4FA]. TF4FA includes a conceptual information and behavioral model in separate volumes.

TAPPI (Technical Association of the Pulp and Paper Industry)

Contact: Laurence Womack, (770) 209-7276, standards@tappi.org

BSR/TAPPI T 230 om-2013 (R201x), Viscosity of pulp (capillary viscometer method) (reaffirmation of ANSI/TAPPI T 230 om-2013)

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

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

This method describes a procedure for determining the viscosity of 0.5% cellulose solutions, using 0.5M cupriethylenediamine (CED) as a solvent and a capillary viscometer. Measurements may be made on bleached cotton and wood pulps. The applicability of this procedure to extended delignification pulps has not been determined.

BSR/TAPPI T 236 om-2013 (R201x), Kappa number of pulp (reaffirmation of ANSI/TAPPI T 236 om-2013)

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

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

- This kappa number standard applies to many kinds of chemical, semi-chemical, unbleached and semi-bleached pulps within the kappa number range 1 to 100. Above a kappa number of 100, precision of the test may decrease, and the relationship between kappa number and lignin content may decrease, depending mainly upon the wood species from which the pulp is made.
- This standard is intended for use in the laboratory testing of pulps. It is recognized, however, that kappa number is widely used as an in-process test in the pulp and paper mill, in some cases with modifications.
- This standard does describe the use of automated instruments for measuring kappa number.

BSR/TAPPI T 268 om-2013 (R201x), Weight-volume measurement of pulpwood (reaffirmation of ANSI/TAPPI T 268 om-2013)

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

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

A method is described for determining the weight of pulpwood per unit of volume (a standard-racked cord). The determination in this method refers to an ideally racked cord, which usually is not identical to commercially scaled wood. This method will also provide data on the gross weight of wood in a cord; the average, maximum, and minimum diameters of bark-free logs; percentage bark by green weight and volume; average length of logs; moisture content; density; solid wood volume; and the total oven-dry weight of bark-free wood per cord.

BSR/TAPPI T 274 sp-2013 (R201x), Laboratory screening of pulp (Master-Screen-type instrument) (reaffirmation of ANSI/TAPPI T 274 sp-2013)

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

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

A general-purpose practice for screening pulp using a specific screening device is described, which separates from a slurry of pulp fibers a contaminant fraction with size dimensions which are significantly greater than the diameter of a pulp fiber. This procedure covers a specific screening procedure to concentrate contaminants by fiber removal, and does not cover use of screens for pulp-size classification.

BSR/TAPPI T 402 sp-2013 (R201x), Standard conditioning and testing atmospheres for paper, board, pulp handsheets, and related products (reaffirmation of ANSI/TAPPI T 402 sp-2013)

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

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

This standard practice defines the standard atmospheres for normal preconditioning, conditioning, and testing of paper and paper products, paperboard, fiberboard, and containers made from them. It also specifies procedures for handling these materials in order that they may reach equilibrium with the respective atmosphere. This standard practice is also applicable to standard pulp test handsheets, except that the preconditioning procedure is omitted, that is, the sheets are not dried to conditions below those obtained by exposure to the standard conditioning and testing atmospheres. (See TAPPI T 205, Forming Handsheets for Physical Tests of Pulp.) This standard practice does not include special conditioning and testing atmospheres, such as those that attempt to simulate tropical or arctic environments.

BSR/TAPPI T 410 om-2013 (R201x), Grammage of paper and paperboard (weight per unit area) (reaffirmation of ANSI/TAPPI T 410 om-2013)

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

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

In the United States, the customary or commercial term for expressing the “weight” per unit area (more properly “mass per unit area”) of paper has been “basis weight,” “ream weight,” or “substance.” These are defined as the mass in pounds of a ream of a given sheet size and number of sheets (usually 500 sheets, occasionally 480 sheets). In most other countries, the mass per unit area is expressed in grams per square meter, g/m². The French term for mass per unit area, “grammage,” is recommended by ISO Committee TC 6 on Paper for use in English as well as in French because of its convenience and clear relationship to g/m².

BSR/TAPPI T 441 om-2013 (R201x), Water absorptiveness of sized (non-bibulous) paper, paperboard, and corrugated fiberboard (Cobb test) (reaffirmation of ANSI/TAPPI T 441 om-2013)

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

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

This method describes a procedure for determining the quantity of water absorbed by nonbibulous paper, paperboard, and corrugated fiberboard in a specified time under standardized conditions. It is based on studies by Cobb and Lowe, Cobb, and other investigators.

BSR/TAPPI T 491 om-2013 (R201x), Water immersion number of paperboard (reaffirmation of ANSI/TAPPI T 491 om-2013)

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

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

This test is applicable to paperboards that are medium-sized, with an immersion number between 4.5 and 6.0, to hard-sized, with an immersion number of 3.5 or less, throughout.

BSR/TAPPI T 496 sp-2013 (R201x), Specimen preparation for cross directional internal tearing resistance for paper, paperboard and related materials (reaffirmation of ANSI/TAPPI T 496 sp-2013)

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

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

This practice is used for the preparation of test specimens for the internal tearing resistance of paper, board, and related materials when a force is applied perpendicular to the machine direction. Materials whose structures are highly directional cannot be properly tested in their cross-direction according to TAPPI T 414, Internal Testing Resistance of Paper, because, as a rule, the tear turns toward the machine direction as it proceeds. Consequently, it is usually impossible to make a test tear of such a material truly in the cross-direction. This practice has been devised to permit the tear to proceed as it will, but more or less limits the extent of the tear to the prescribed 43 mm.

BSR/TAPPI T 549 om-201x, Coefficients of static and kinetic friction of uncoated writing and printing paper by use of the horizontal plane method (new standard)

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

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

This method describes a horizontal plane procedure for the determination of the coefficient of static and kinetic friction of paper measured when sliding against itself. The horizontal instrument requires some means of movement of the specimen in relation to the surface upon which it rests. The coefficient of friction (COF) is measured directly from the resistance to tangential motion and the applied weight pressing two pieces of paper together.

BSR/TAPPI T 550 om-2013 (R201x), Determination of equilibrium moisture in pulp, paper and paperboard for chemical analysis (reaffirmation of ANSI/TAPPI T 550 om-2013)

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

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

The following procedure applies to pulp, paper, paperboard, and paper products, except those containing significant quantities of materials other than water that are volatile at 105°C ± 2°C, or less, or for materials that are oxidized or decomposed above 102°C. This method should be followed to calculate the results of a chemical analysis of pulp, paper, and paperboard on a moisture-free basis. This method should not be used to determine an “as received” or “use” moisture content.

BSR/TAPPI T 572 sp-2013 (R201x), Accelerated pollutant aging of printing and writing paper by pollution chamber exposure apparatus (reaffirmation of ANSI/TAPPI T 572 sp-2013)

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

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

This standard practice describes a laboratory procedure for the exposure of printing and writing paper to the common atmospheric pollutant gas nitrogen dioxide at elevated levels of concentration to permit accelerated aging of such paper.

BSR/TAPPI T 575 om-201x, Roughness of paper and paperboard, stylus (Emveco-type) method (new standard)

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

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

This method measures the surface roughness of paper and paperboard used in contact printing processes. It may not be used for tissue or creped paper and may not be suitable for newsprint that is inspected for visual anomalies that cannot be detected with this equipment. The method is not useful for measuring surface waviness. This method uses a stylus to mechanically trace the paper surface, which differs from methods that relate the rate of air flow leakage to paper roughness.

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

Contact: *Katelyn Simpson, (864) 646-8453, KSimpson@tileusa.com*

BSR A136.1-201x, Standard Specifications for Organic Adhesives for Installation of Ceramic Tile (revision of ANSI A136.1-2008 (R2013))

Stakeholders: Ceramic/glass tile installers, contractors, and builders (labor interest category); related material manufacturers (manufacturing interest category); distributors, retailers, and consumers (user interest category); and affiliated industries (e.g., stone) and other general-interest users of this standard (general interest category).

Project Need: Various stakeholders have suggested revisions be made to various sections of this standard.

This standard provides a basis for promoting the quality of organic adhesives to be used under appropriate installation procedures specified in the current ANSI A108.4. This standard covers organic adhesives for the installation of ceramic tile in interior areas requiring Type I and Type II water resistance and specified minimum requirements and methods of testing.

American National Standards Maintained Under Continuous Maintenance

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

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

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

- AAMI (Association for the Advancement of Medical Instrumentation)
- AARST (American Association of Radon Scientists and Technologists)
- AGA (American Gas Association)
- AGSC-AGRSS (Auto Glass Safety Council)
- ASC X9 (Accredited Standards Committee X9, Incorporated)
- ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
- ASME (American Society of Mechanical Engineers)
- ASTM (ASTM International)
- GBI (Green Building Initiative)
- HL7 (Health Level Seven)
- IES (Illuminating Engineering Society)
- MHI (Material Handling Industry)
- NAHBRC (NAHB Research Center, Inc.)
- NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)
- NCPDP (National Council for Prescription Drug Programs)
- NEMA (National Electrical Manufacturers Association)
- NISO (National Information Standards Organization)
- NSF (NSF International)
- PRCA (Professional Ropes Course Association)
- RESNET (Residential Energy Services Network, Inc.)
- SAE (SAE International)
- TCNA (Tile Council of North America)
- TIA (Telecommunications Industry Association)
- UL (Underwriters Laboratories, Inc.)

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

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

ANSI-Accredited Standards Developers Contact Information

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

AA (ASC H35)

Aluminum Association
1400 Crystal Drive
Suite 430
Arlington, VA 22202
Phone: (202) 758-8481
Web: www.aluminum.org

AAFS

American Academy of Forensic
Sciences
410 North 21st Street
Colorado Springs, CO 80904
Phone: (719) 453-1036
Web: www.aafs.org

AISI

American Iron and Steel Institute
25 Massachusetts Avenue, NW
Suite 800
Washington, DC 20001
Phone: (202) 452-7100
Fax: (202) 452-1039
Web: www.steel.org

AMCA

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

ASA (ASC S3)

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

ASABE

American Society of Agricultural and
Biological Engineers
2950 Niles Road
Saint Joseph, MI 49085
Phone: (269) 932-7015
Fax: (269) 429-3852
Web: www.asabe.org

ASC X9

Accredited Standards Committee X9,
Incorporated
275 West Street
Suite 107
Annapolis, MD 21401
Phone: (410) 267-7707
Web: www.x9.org

ASHRAE

American Society of Heating,
Refrigerating and Air-Conditioning
Engineers, Inc.
1791 Tullie Circle, NE
Atlanta, GA 30329
Phone: (678) 539-1214
Fax: (678) 539-2214
Web: www.ashrae.org

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

ASTM

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

ATIS

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

AWS

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

BHMA

Builders Hardware Manufacturers
Association
355 Lexington Avenue
15th Floor
New York, NY 10017
Phone: (212) 297-2126
Fax: (212) 370-9047
Web: www.buildershardware.com

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

CSA

CSA Group
8501 East Pleasant Valley Rd.
Cleveland, OH 44131
Phone: (216) 524-4990 x88321
Fax: (216) 520-8979
Web: www.csa-america.org

CTA

Consumer Technology Association
1919 South Eads Street
Arlington, VA 22202
Phone: (703) 907-7697
Fax: (703) 907-4197
Web: www.cta.tech

HL7

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

IAPMO

International Association of Plumbing
& Mechanical Officials
4755 E. Philadelphia Street
Ontario, CA 91761
Phone: (909) 472-4111
Web: www.iapmo.org

IEEE

Institute of Electrical and Electronics
Engineers (IEEE)
445 Hoes Lane
Piscataway, NJ 08854
Phone: (732) 562-3854
Fax: (732) 796-6966
Web: www.ieee.org

ITI (INCITS)

InterNational Committee for
Information Technology Standards
1101 K Street NW
Suite 610
Washington, DC 20005-3922
Phone: (202) 737-8888
Fax: (202) 638-4922
Web: www.incits.org

MSS

Manufacturers Standardization
Society
127 Park Street, NE
Vienna, VA 22180-4602
Phone: (703) 281-6613
Fax: (703) 281-6671
Web: www.mss-hq.org

NEMA (ASC C29)

National Electrical Manufacturers
Association
1300 North 17th Street
Suite 900
Rosslyn, VA 22209
Phone: (703) 841-3231
Web: www.nema.org

NEMA (ASC C37)

National Electrical Manufacturers
Association
1300 North 17th Street
Suite 900
Rosslyn, VA 22209
Phone: (703) 841-3253
Fax: (703) 841-3353
Web: www.nema.org

NFSI

National Floor Safety Institute
P.O. Box 92607
Southlake, TX 76092
Phone: (817) 749-1700
Fax: (817) 749-1702
Web: www.nfsi.org

NSF

NSF International
789 N. Dixboro Road
Ann Arbor, MI 48105-9723
Phone: (734) 827-3817
Fax: (734) 827-7875
Web: www.nsf.org

SCTE

Society of Cable Telecommunications
Engineers
140 Philips Rd
Exton, PA 19341
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Fax: (800) 542-5040
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TAPPI

Technical Association of the Pulp and
Paper Industry
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TCNA (ASC A108)

Tile Council of North America
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Web: www.tileusa.com

TIA

Telecommunications Industry
Association

1320 North Courthouse Road
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Arlington, VA 22201
Phone: (703) 907-7706
Fax: (703) 907-7727
Web: www.tiaonline.org

UL

Underwriters Laboratories, Inc.

12 Laboratory Drive
Research Triangle Park, NC 27709
-3995
Phone: (919) 549-1851
Web: www.ul.com

VC (ASC Z80)

The Vision Council of North America

225 Reinekers Lane
Alexandria, VA 22314
Phone: 585-387-9913
Web: www.z80asc.com



ISO & IEC Draft International Standards

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

Comments

Comments regarding ISO documents should be sent to ANSI's ISO Team (isot@ansi.org); comments on IEC documents must be submitted electronically in the approved ISO template and as a Word document as other formats will not be accepted.

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

Ordering Instructions

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

ISO Standards

AIR QUALITY (TC 146)

ISO/DIS 10312, Ambient air - Determination of asbestos fibres - Direct transfer transmission electron microscopy method - 6/18/2018, \$146.00

ISO/DIS 13794, Ambient air - Determination of asbestos fibres - Indirect-transfer transmission electron microscopy method - 6/16/2018, \$155.00

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

ISO/DIS 7376, Anaesthetic and respiratory equipment - Laryngoscopes for tracheal intubation - 4/19/2018, \$88.00

ISO/DIS 11197, Medical supply units - 4/19/2018, \$107.00

CLEANING EQUIPMENT FOR AIR AND OTHER GASES (TC 142)

ISO/DIS 15714, Method of evaluating the UV dose to airborne microorganisms transiting in-duct ultraviolet germicidal irradiation devices - 6/17/2018, \$67.00

ENERGY MANAGEMENT AND ENERGY SAVINGS (TC 301)

ISO/DIS 50021, Energy management and energy savings - General guidelines for selecting energy savings evaluators - 4/19/2018, \$71.00

ENVIRONMENTAL MANAGEMENT (TC 207)

ISO/DIS 14033, Environmental management - Quantitative environmental information - Guidelines and examples - 6/17/2018, \$146.00

FLUID POWER SYSTEMS (TC 131)

ISO/DIS 5598, Fluid power systems and components - Vocabulary - 6/17/2018, \$146.00

ISO/DIS 6301-2, Pneumatic fluid power - Compressed-air lubricators - Part 2: Test methods to determine the main characteristics to be included in suppliers literature - 6/21/2018, \$40.00

GRAPHICAL SYMBOLS (TC 145)

ISO 7010/DAMd239, Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 2: Safety sign E026: Emergency exit for people unable to walk or with walking impairment (left) - 4/20/2018, \$29.00

ISO/DIS 7010, Graphical symbols - Safety colours and safety signs - Registered safety signs - 6/18/2018, \$230.00

IMPLANTS FOR SURGERY (TC 150)

ISO/DIS 14708-7, Implants for surgery - Active implantable medical devices - Part 7: Particular requirements for cochlear implant systems - 4/20/2018, \$134.00

MACHINE TOOLS (TC 39)

ISO/DIS 6480, Conditions of acceptance for horizontal internal broaching machines - Testing of the accuracy - 6/15/2018, \$77.00

ISO/DIS 6481, Acceptance conditions for vertical surface type broaching machines - Testing of accuracy - 6/15/2018, \$67.00

ISO/DIS 6779, Acceptance conditions for broaching machines of vertical internal type - Testing of accuracy - 6/15/2018, \$88.00

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

ISO/DIS 19902, Petroleum and natural gas industries - Fixed steel offshore structures - 4/21/2018, \$291.00

NICKEL AND NICKEL ALLOYS (TC 155)

ISO/DIS 23166, Nickel alloys - Determination of tantalum - Inductively coupled plasma atomic emission spectrometric method - 4/20/2018, \$58.00

NON-DESTRUCTIVE TESTING (TC 135)

ISO/DIS 15549, Non-destructive testing - Eddy current testing - General principles - 6/21/2018, \$46.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO/DIS 10110-1, Optics and photonics - Preparation of drawings for optical elements and systems - Part 1: General - 6/16/2018, \$112.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

- ISO/DIS 18526-4, Eye and face protection - Test methods - Part 4: Headforms - 6/11/2018, \$62.00
- ISO/DIS 18527-1, Eye and face protection for sports use - Part 1: Requirements for downhill skiing and snow-boarding goggles - 6/16/2018, \$82.00
- ISO/DIS 18527-2, Eye and face protection for sports use - Part 2: Requirements for eye protectors for squash and eye protectors for racquetball and squash 57 - 6/16/2018, \$77.00

PLASTICS (TC 61)

- ISO/DIS 846, Plastics - Evaluation of the action of microorganisms - 4/19/2018, \$88.00
- ISO/DIS 1183-1, Plastics - Methods for determining the density of non-cellular plastics - Part 1: Immersion method, liquid pycnometer method and titration method - 4/19/2018, \$58.00
- ISO/DIS 1183-2, Plastics - Methods for determining the density of non-cellular plastics - Part 2: Density gradient column method - 4/19/2018, \$53.00
- ISO/DIS 16929, Plastics - Determination of the degree of disintegration of plastic materials under defined composting conditions in a pilot-scale test - 4/19/2018, \$53.00
- ISO/DIS 21702, Measurement of antiviral activity on plastics and other non-porous surfaces - 4/21/2018, \$77.00

ROLLING BEARINGS (TC 4)

- ISO/DIS 9628, Rolling bearings - Insert bearings and eccentric locking collars - Geometrical product specification (GPS) and tolerance values - 4/19/2018, \$98.00

RUBBER AND RUBBER PRODUCTS (TC 45)

- ISO/DIS 2303, Isoprene rubber (IR) - Non-oil-extended, solution-polymerized types - Evaluation procedures - 6/18/2018, \$62.00
- ISO/DIS 248-2, Rubber, raw - Determination of volatile-matter content - Part 2: Thermogravimetric methods using an automatic analyser with an infrared drying unit - 6/18/2018, \$53.00

TEXTILES (TC 38)

- ISO/DIS 1833-12, Textiles - Quantitative chemical analysis - Part 12: Mixtures of acrylic, certain modacrylics, certain chlorofibres, certain elastane fibres with certain other fibres (method using dimethylformamide) - 4/19/2018, \$33.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

- ISO 11850/DAMd2, Machinery for forestry - General safety requirements - Amendment 2: Access to operators station and maintenance locations - 4/21/2018, \$29.00

TRADITIONAL CHINESE MEDICINE (TC 249)

- ISO/DIS 20487, Traditional chinese medicine - Test method of single-use acupuncture needle for electrical stimulation - 4/21/2018, \$53.00

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

- ISO/DIS 3826-1, Plastics collapsible containers for human blood and blood components - Part 1: Conventional containers - 4/21/2018, \$82.00

ISO/IEC JTC 1, Information Technology

- ISO/IEC DIS 26560, Software and systems engineering - Tools and methods for product line product management - 6/15/2018, \$125.00
- ISO/IEC DIS 30137-1, Information technology - Use of biometrics in video surveillance systems - Part 1: System design and specification - 6/18/2018, \$125.00
- ISO/IEC DIS 29167-19, Information technology - Automatic identification and data capture techniques - Part 19: Crypto suite RAMON security services for air interface communications - 4/23/2018, \$155.00

IEC Standards

- CABPUB/159/CD, ISO/IEC CD 17029: Conformity assessment - General principles and requirements for bodies performing validation and verification activities, 2018/5/25
- 4/344/FDIS, ISO 20816-5 ED1: Mechanical vibration - Measurement and evaluation of machine vibration - Part 5: Machine sets in hydraulic power generating and pump-storage plants, 2018/5/11
- 14/950/CDV, IEC 60214-2 ED2: Tap-changers - Part 2: Application Guide, 2018/6/22
- 22H/232/FDIS, IEC 62040-2/ISH1 ED3: Uninterruptible power systems (UPS) - Part 2: Electromagnetic compatibility (EMC) requirements, 2018/5/11
- 23H/404/CD, IEC TS 62196-3-1 ED1: Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 3-1: Vehicle connector, vehicle inlet and cable assembly intended to be used with a thermal management system for DC charging, 2018/5/25
- 23J/443/CDV, IEC 61020-1 ED3: Electromechanical switches for use in electrical and electronic equipment - Part 1: Generic specification, 2018/6/22
- 31/1376/FDIS, IEC 60079-0/ISH3 ED6: Explosive atmospheres - Part 0: Equipment - General requirements, 2018/5/11
- 33/615/NP, PNW 33-615: Shunt power capacitors of the self-healing type for a.c. systems having a rated voltage above 1 000 V: General - Performance, testing and rating - Safety requirements - Guide for installation and operation, 2018/6/22
- 37/442/CDV, IEC 60099-6 ED2: Surge arresters - Part 6: Surge arresters containing both series and parallel gapped structures - System voltage of 52 kV and less, 2018/6/22
- 38/560/FDIS, IEC 61869-14 ED1: Instrument Transformers - Part 14: Specific Requirements for DC Current Transformers, 2018/5/11
- 38/561/FDIS, IEC 61869-15 ED1: Instrument Transformers - Part 15: Specific Requirements for DC Voltage Transformers, 2018/5/11
- 45A/1197/DTR, IEC TR 63192 ED1: Nuclear power plants - Instrumentation and control systems important to safety - Hazard analysis: A review of current approaches, 2018/5/25
- 46/683/DTR, IEC TR 62839-2 ED1: Environmental declaration - Part 2: Optical/copper telecom accessories products specific rules, 2018/5/25
- 46C/1099/FDIS, IEC 60189-1 ED4: Low-frequency cables and wires with PVC insulation and PVC sheath - Part 1: General test and measuring methods, 2018/5/11
- 47/2469/FDIS, IEC 62435-4 ED1: Electronic components - Long-term storage of electronic semiconductor devices - Part 4: Storage, 2018/5/11
- 47/2470/FDIS, IEC 62969-4 ED1: Semiconductor devices - Semiconductor interface for automotive vehicles - Part 4: Evaluation method of data interface for automotive vehicle sensors, 2018/5/11

- 47/2471/CD, IEC 62830-5 ED1: Semiconductor devices - Semiconductor devices for energy harvesting and generation - Part 5: Test method for measuring generated power from flexible thermoelectric devices, 2018/6/22
- 48B/2641/NP, PNW 48B-2641: IEC 63171-2/ED.1: Connector for electrical and electronic equipment - Detail specification for 2-way, shielded and unshielded, free and fixed connectors for data transmission up to 2000MHz with current carrying capability, 2018/6/22
- 49/1280/CD, IEC 63155 ED1: Guidelines for the measurement method of power durability for surface acoustic wave (SAW) and bulk acoustic wave (BAW) devices in radio frequency (RF) applications., 2018/6/22
- 51/1222/CDV, IEC 63093-13 ED1: Ferrite cores - Guidelines on dimensions and the limits of surface irregularities - Part 13: PQ-cores, 2018/6/22
- 56/1772/FDIS, IEC 62853 ED1: Open Systems Dependability, 2018/5/11
- 59K/298/CDV, IEC 61591 ED2: Cooking fume extractors - Methods for measuring performance, 2018/6/22
- 65C/922/NP, PNW 65C-922: Formal description of the automated coexistence management and application guidance, 2018/6/22
- 65E/584/CDV, IEC 62769-150-1 ED1: Field device integration (FDI) - Part 150-1: Profiles - ISA100.11a, 2018/6/22
- 76/599/FDIS, IEC 60825-2/ISH2 ED3: Safety of laser products - Part 2: Safety of optical fibre communication systems (OFCS), 2018/5/11
- 78/1221/FDIS, IEC 60900 ED4: Live working - Hand tools for use up to 1 000 V AC and 1 500 V DC, 2018/5/11
- 82/1415/FDIS, IEC 62446-1/AMD1 ED1: Photovoltaic (PV) systems - Requirements for testing, documentation and maintenance - Part 1: Grid connected systems - Documentation, commissioning tests and inspection, 2018/5/11
- 86/532/CDV, IEC 62496-4-1 ED1: Optical circuit boards - Interface standards - Part 4-1: Terminated waveguide OCB assembly using single row 12 channel PMT connector, 2018/6/22
- 88/665/CDV, IEC 61400-26-1 ED1: Wind energy generation systems - Part 26-1: Availability for wind energy generation systems, 2018/6/22
- 88/671/CD, IEC 61400-40 ED1: Wind energy generation systems - Part 40: Electromagnetic Compatibility (EMC) - Requirements and test methods, 2018/6/22
- 89/1399/FDIS, IEC 60695-6-2 ED2: Fire hazard testing - Part 6-2: Smoke obscuration - Summary and relevance of test methods, 2018/5/11
- 91/1495/CDV, IEC 60068-2-82 ED2: Environmental testing - Part 2-82: Tests - Test XW1: Whisker test methods for components and parts used in electronic assemblies, 2018/6/22
- 100/3097/Q, Withdrawal of IEC 60728-3-1:2012 ED1 of TA 5, 2018/5/11
- 100/3095/NP, PNW 100-3095: Radio Data System (RDS) - VHF/FM sound broadcasting in the frequency range from 64,0 MHz to 108,0 MHz - Part 7: RBDS, 2018/5/25
- 100/3096/NP, PNW 100-3096: Specification of the Radio Data System (RDS) for VHF/FM sound broadcasting in the frequency range from 64,0 MHz to 108,0 MHz - Part 8: UECP (TA1), 2018/5/25
- 100/3094/CD, IEC 63005-2 ED1: Event video data recorder for road vehicle accidents - Part 2: Test methods for evaluating the performance of basic functions, 2018/6/22
- 101/564/DTR, IEC TR 61340-5-5 ED1: Electrostatics - Part 5-5: Protection of electronic devices from electrostatic phenomena - Packaging systems used in electronic manufacturing, 2018/5/25
- 104/793/CDV, IEC 60068-2-64/AMD1 ED2: Amendment 1 - Environmental testing - Part 2-64: Test methods - Test Fh: Vibration, broadband random (digital control) and guidance, 2018/6/22
- 106/448/NP, PNW TS 106-448: Measurement procedure of magnetic field levels generated by electronic and electrical equipment in the automotive environment with respect to human exposure, 2018/5/25
- 109/166A/CD, IEC 60664-1 ED3: Insulation coordination for equipment within low-voltage supply systems - Part 1: Principles, requirements and tests (Proposed horizontal standard), 2018/5/18
- 117/87/FDIS, IEC 62862-3-2 ED1: Solar thermal electric plants - Part 3 -2: Systems and components - General requirements and test methods for large-size parabolic-trough collectors, 2018/5/11
- 118/94/FDIS, IEC 62746-10-3 ED1: Systems interface between customer energy management system and the power management system - Part 10-3: Open automated demand response - Adapting smart grid user interface to IEC common information model, 2018/5/11
- 119/214/FDIS, IEC 62899-403-1 ED1: Printed Electronics - Part 403-1: Printability - Requirements for reproducibility - Basic patterns for evaluation of printing machine, 2018/5/11
- 121A/200/CDV, IEC 60947-9-1 ED1: Low-voltage switchgear and controlgear - Active arc-fault mitigation systems - Part 9-1: Arc quenching devices, 2018/6/22
- JTC1-SC25/3/CDV, ISO/IEC 14543-5-102 ED1: Information technology -- Home electronic system (HES) architecture -- Part 5 -102: Intelligent grouping and resource sharing -- Remote universal management profile, 2018/6/22



Newly Published ISO & IEC Standards

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

ISO Standards

FINE CERAMICS (TC 206)

[ISO 20323:2018](#), Fine ceramics (advanced ceramics, advanced technical ceramics) - Mechanical properties of ceramic composites at ambient temperature in air atmospheric pressure - Determination of tensile properties of tubes, \$162.00

NUCLEAR ENERGY (TC 85)

[ISO 18075:2018](#), Steady-state neutronics methods for power-reactor analysis, \$138.00

[ISO 18077:2018](#), Reload startup physics tests for pressurized water reactors, \$162.00

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

[ISO 21225-1:2018](#), Plastics piping systems for the trenchless replacement of underground pipeline networks - Part 1: Replacement on the line by pipe bursting and pipe extraction, \$103.00

[ISO 21225-2:2018](#), Plastics piping systems for the trenchless replacement of underground pipeline networks - Part 2: Replacement off the line by horizontal directional drilling and impact muling, \$138.00

TEXTILES (TC 38)

[ISO 811:2018](#), Textiles - Determination of resistance to water penetration - Hydrostatic pressure test, \$45.00

ISO Technical Reports

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

[ISO/TR 23087:2018](#), Automation Systems and Integration - The Big Picture of Standards, \$185.00

TERMINOLOGY (PRINCIPLES AND COORDINATION) (TC 37)

[ISO/TR 20694:2018](#), A typology of language registers, \$103.00

ISO Technical Specifications

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

[ISO/TS 21619:2018](#), Geometrical product specifications (GPS) - Types of documents with GPS, \$68.00

ISO/IEC Guides

OTHER

[ISO/IEC Guide 14:2018](#), Products and related services - Information for consumers, \$103.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 10373-6/Amd3:2018](#), Identification cards - Test methods - Part 6: Proximity cards - Amendment 3: PICC loading effect, \$19.00

[ISO/IEC 23008-2/Amd1:2018](#), Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 2: High efficiency - Amendment 1: Additional colour representation code point, \$19.00

[ISO/IEC 30134-1/Amd1:2018](#), Information technology - Data centres - Key performance indicators - Part 1: Overview and general requirements - Amendment 1, \$19.00

[ISO/IEC 30134-3/Amd1:2018](#), Information technology - Data centres - Key performance indicators - Part 3: Renewable energy factor (REF) - Amendment 1, \$19.00

OTHER

[ISO/IEC TS 17021-10:2018](#), Conformity assessment - Requirements for bodies providing audit and certification of management systems - Part 10: Competence requirements for auditing and certification of occupational health and safety management systems, \$68.00

IEC Standards

ELECTRIC CABLES (TC 20)

[IEC 60331-1 Ed. 2.0 en:2018](#), Tests for electric cables under fire conditions - Circuit integrity - Part 1: Test method for fire with shock at a temperature of at least 830°C for cables of rated voltage up to and including 0,6/1,0 kV and with an overall diameter exceeding 20 mm, \$199.00

[IEC 60331-2 Ed. 2.0 en:2018](#), Tests for electric cables under fire conditions - Circuit integrity - Part 2: Test method for fire with shock at a temperature of at least 830°C for cables of rated voltage up to and including 0,6/1,0 kV and with an overall diameter not exceeding 20 mm, \$164.00

[IEC 60331-3 Ed. 2.0 en:2018](#), Tests for electric cables under fire conditions - Circuit integrity - Part 3: Test method for fire with shock at a temperature of at least 830°C for cables of rated voltage up to and including 0,6/1,0 kV tested in a metal enclosure, \$199.00

[S+ IEC 60331-1 Ed. 2.0 en:2018 \(Redline version\)](#), Tests for electric cables under fire conditions - Circuit integrity - Part 1: Test method for fire with shock at a temperature of at least 830°C for cables of rated voltage up to and including 0,6/1,0 kV and with an overall diameter exceeding 20 mm, \$259.00

[S+ IEC 60331-2 Ed. 2.0 en:2018 \(Redline version\)](#), Tests for electric cables under fire conditions - Circuit integrity - Part 2: Test method for fire with shock at a temperature of at least 830°C for cables of rated voltage up to and including 0,6/1,0 kV and with an overall diameter not exceeding 20 mm, \$213.00

[S+ IEC 60331-3 Ed. 2.0 en:2018 \(Redline version\)](#), Tests for electric cables under fire conditions - Circuit integrity - Part 3: Test method for fire with shock at a temperature of at least 830°C for cables of rated voltage up to and including 0,6/1,0 kV tested in a metal enclosure, \$259.00

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

[IEC 62055-41 Ed. 3.0 b:2018](#), Electricity metering - Payment systems - Part 41: Standard transfer specification (STS) - Application layer protocol for one-way token carrier systems, \$387.00

[S+ IEC 62055-41 Ed. 3.0 en:2018 \(Redline version\)](#), Electricity metering - Payment systems - Part 41: Standard transfer specification (STS) - Application layer protocol for one-way token carrier systems, \$503.00

SAFETY OF MACHINERY - ELECTROTECHNICAL ASPECTS (TC 44)

[IEC 62046 Ed. 1.0 en:2018](#), Safety of machinery - Application of protective equipment to detect the presence of persons, \$375.00

SEMICONDUCTOR DEVICES (TC 47)

[IEC 60191-4 Ed. 3.1 b:2018](#), Mechanical standardization of semiconductor devices - Part 4: Coding system and classification into forms of package outlines for semiconductor device packages, \$322.00

[IEC 60191-4 Amd.1 Ed. 3.0 b:2018](#), Amendment 1 - Mechanical standardization of semiconductor devices - Part 4: Coding system and classification into forms of package outlines for semiconductor device packages, \$82.00

IEC Technical Reports

ELECTROSTATICS (TC 101)

[IEC/TR 61340-5-2 Ed. 2.0 en:2018](#), Electrostatics - Part 5-2: Protection of electronic devices from electrostatic phenomena - User guide, \$375.00

ISO Technical Specifications

ELECTROSTATICS (TC 101)

[S+ IEC/TR 61340-5-2 Ed. 2.0 en:2018 \(Redline version\)](#), Electrostatics - Part 5-2: Protection of electronic devices from electrostatic phenomena - User guide, \$488.00

Registration of Organization Names in the United States

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

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

PUBLIC REVIEW

Antech Imaging Services

Public Review: March 9 to June 1, 2018

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

A challenge is initiated when a letter from an interested entity is received by the Registration Coordinator. The letter shall identify the alphanumeric organization name being challenged and state the rationale supporting the challenge.

A challenge fee shall accompany the letter. After receipt of the challenge, the alphanumeric organization name shall be marked as challenged in the Public Review list. The Registration Coordinator shall take no further action to register the challenged name until the challenge is resolved among the disputing parties.

Proposed Foreign Government Regulations

Call for Comment

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

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

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

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

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

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

Information Concerning

American National Standards

Call for Members

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

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

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

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

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

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

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

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

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

ANSI Accredited Standards Developers

Reaccreditation

Clinical and Laboratory Standards Institute (CLSI)

Comment Deadline: May 7, 2018

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

To obtain a copy of the revised procedures or to offer comments, please contact: Ms. Jennifer K. Adams, MT(ASCP), MSHA, Vice-President, Standards and Quality, Clinical and Laboratory Standards Institute, 950 West Valley Road, Suite 2500, Wayne, PA 19087; phone: 484.588.5941; e-mail: jadams@clsi.org. You may view/download a copy of the revisions during the public review period at the following URL: www.ansi.org/accredPR. Please submit any public comments on the revised procedures to CLSI by May 7, 2018, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthomps@ANSI.org).

International Organization for Standardization (ISO)

Establishment of ISO Project Committee

ISO/PC 317 – Consumer Protection: Privacy by Design for Consumer Goods and Services

A new ISO Project Committee, ISO/PC 317 – Consumer protection: privacy by design for consumer goods and services, has been formed. The Secretariat has been assigned to the United Kingdom (BSI).

ISO/PC 317 operates under the following scope:

Standardization in the field of consumer protection: privacy by design for consumer goods and services.

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

ISO/PC 318 – Community Scale Resource Oriented Sanitation Treatment Systems

A new ISO Project Committee, ISO/PC 318 – Community scale resource oriented sanitation treatment systems, has been formed. The Secretariat has been assigned to the United States (ANSI).

ISO/PC 318 operates under the following scope:

Standardization in the field of community scale resource oriented sanitation treatment systems.

Note:

The international standard will define requirements and test methods to ensure safety, performance, and sustainability of community-scale resource-oriented fecal sludge treatment units that serve approximately 1,000 to 100,000 people. The standard will apply to treatment units that (a) primarily treat human excreta, (b) are able to operate in non-sewered and off-grid environments, and (c) are prefabricated. The standard will not apply to sanitation treatment units requiring sewer infrastructure or electric grid access. Additionally, treatment units to which the standard will apply exhibit resource recovery capability (e.g., energy, drinking water, fertilizer) and are capable of being energy independent or energy net positive.

The standard is intended to ensure the general performance, safety, and sustainability of such units. The standard will exclude installation, selection, and maintenance and operation of such units.

ANSI has indicated its intent to administer the U.S. TAG.

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

ISO New Work Item Proposal

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

Comment Deadline: April 13, 2018

SCC, the ISO member body for Canada, and BSI, the ISO member body for the UK, have jointly submitted to ISO a new work item proposal for the development of an ISO standard on Guidelines on Integrating a Business Excellence Framework with ISO Management System Standards, with the following scope statement:

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

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

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

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, April 13, 2018.

Tableware, Giftware, Jewellery, Luminaries – Glass Clarity – Classification and Test Method

Comment Deadline: April 27, 2018

SAC, the ISO member body for China, has submitted to ISO a new work item proposal for the development of an ISO standard on Tableware, Giftware, Jewellery, Luminaries - Glass Clarity - Classification and Test Method, with the following scope statement:

The proposed International Standard will establish requirements for the use of the designations "clear glass" and "ultra-clear glass" for non-coloured glass according to their clarity and iron content. The standard will specify a procedure for measuring the clarity of glass items by means of a spectrophotometer.

The standard will cover:

- mineral glass, and
- glass in items where the glass component is not covered by coating or decoration, and is therefore accessible for sampling.

The scope of this International Standard includes glass used as tableware, giftware, jewellery and luminaries. It excludes glass used in construction work, containers, medicine and laboratories, or in other types of technical applications.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, April 27, 2018.

ISO Proposal for a New Field of ISO Technical Activity

Karst

Comment Deadline: April 20, 2018

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

Standardization in the field of karst terminology, sustainable development of karst resources, environmental protection and management of karst environment, as well as investigation and assessment (including modeling methods and mapping of karst systems).

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, April 20, 2018.

Musical Instruments

Comment Deadline: April 13, 2018

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

Standardization in the field of musical instruments including: standardization of classification, terminology, products, safe use, test methods and conformity assessment rules.

Excluded: Standardization within the scope of IEC/TC 100.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, April 13, 2018.

Meeting Notice

Acoustical Society of America

ANSI-Accredited Standards Committees S1 Acoustics; S2 Mechanical Vibration and Shock; S3 Bioacoustics; S3/SC 1 Animal Bioacoustics; and S12 Noise; along with the ANSI-Accredited U.S. Technical Advisory Groups for ISO/TC 43 Acoustics; ISO/TC 43/SC 1 Noise; ISO/TC 43/SC 3 Underwater acoustics; ISO/TC 108 Mechanical vibration, shock and condition monitoring; ISO/TC 108/SC 2 Measurement and evaluation of mechanical vibration and shock as applied to machines, vehicles, and structures; ISO/TC 108/SC 4 Human exposure to mechanical vibration and shock; ISO/TC 108/SC 5 Condition monitoring and diagnostics of machine systems; and IEC/TC 29 Electroacoustics

ANSI-Accredited Standards Committees S1 Acoustics; S2 Mechanical Vibration and Shock; S3 Bioacoustics; S3/SC 1 Animal Bioacoustics; and S12 Noise; along with the ANSI-Accredited U.S. Technical Advisory Groups for ISO/TC 43 Acoustics; ISO/TC 43/SC 1 Noise; ISO/TC 43/SC 3 Underwater acoustics; ISO/TC 108 Mechanical vibration, shock and condition monitoring; ISO/TC 108/SC 2 Measurement and evaluation of mechanical vibration and shock as applied to machines, vehicles, and structures; ISO/TC 108/SC 4 Human exposure to mechanical vibration and shock; ISO/TC 108/SC 5 Condition monitoring and diagnostics of machine systems; and IEC/TC 29 Electroacoustics, will meet on May 7-8, 2018, in conjunction with the 175th Meeting of the Acoustical Society of America at The Hyatt Regency Minneapolis Hotel, Minneapolis, MN. All meetings are open to the public.

For additional information, including specific meeting times, please contact Neil Stremmel at nstremmel@acousticalsociety.org or at (631) 390-0215. Details regarding lodging, transportation, etc. can be found on the Acoustical Society of America's website at <http://acousticalsociety.org>.

Information Concerning

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

Transaction Assurance in E-Commerce

Comment Deadline: April 27, 2018

SAC, the ISO member body for China, and AFNOR, the national standards body for France, have submitted to ISO a proposal for a new field of ISO technical activity on Transaction Assurance in E-Commerce, with the following scope statement:

Standardization in the field of “transaction assurance and upstream/downstream directly related processes in e-commerce”, including the following:

- The assurance of transaction process in e-commerce (including easier access to e-platforms and e-stores);
- The protection of online consumer rights including both prevention of online disputes and resolution process;
- The interoperability and admissibility of commodity quality inspection result in cross-border e-commerce;
- The assurance of e-commerce delivery to the final consumer.

Excluded:

- Management system standards already covered by ISO/TC 176;
- Authenticity, integrity and trust for products and documents standards already covered by ISO/TC 292/WG4;
- Guidelines on consumer warranties and guarantees standards already covered by ISO/PC 303;
- Meta-standards of information interchange standards already covered by ISO/TC 154;
- Cross-border trade of second-hand goods standards already covered by ISO/PC 245;
- Brand evaluation standards already covered by ISO/TC 289;
- Online reputation standards already covered by ISO/TC290;
- Financial services standards already covered by ISO/TC 68;
- Identity management standards already covered by ISO/IEC/JTC1/SC27/WG5;
- Meta-standards of data management and interchange already covered by ISO/IEC/JTC1/SC32;
- Biometrics standards already covered by ISO/IEC/JTC1/SC37.

Since the payment and security of the transaction are very important in e-commerce, the proposed new technical committee will cooperate with ISO/TC 68(Financial services), ISO/IEC/JTC1/SC27 (IT Security techniques)and other TC via a liaison membership. If request for developing new standards for e-commerce in those TCs arose, the proposed new TC would work with them to develop the needed standards.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, April 27, 2018.

NFSI B101.2-20XX

1.3 Purpose

This standard provides ~~the a~~ methodology for determining the effects of chemical cleaning agents and chemical treatments on the wet dynamic coefficient of friction and/or the wet static coefficient of friction of a walkway material reference surface.

2.1 ANSI/NFSI B101.0-~~2012~~ (most current version) Walkway Surface Auditing Guideline for the Measurements of Walkway Slip Resistance

2.2 ANSI/NFSI B101.1-~~2009~~ (most current version) Test Method of Measuring Wet SCOF of Common Hard-Surface Floor Material

2.3 ANSI/NFSI B101.3-~~2012~~ (most current version) Test Method of Measuring Wet DCOF of Common Hard-Surface Floor Material

The following Header and Footer has been added to Appendix A, B, C and D

Note: The information contained in this appendix is not part of this American National Standard (ANS) and has not been processed in accordance with ANSI's requirements for an ANS. As such, this appendix may contain material that has not been subjected to public review or a consensus process. In addition, it does not contain requirements necessary for conformance to the standard.

Appendix Attachment 1 to Appendix B

Appendix Attachment 2 to Appendix B

Appendix Attachment 1 to Appendix C

Appendix Attachment 2 to Appendix C

ATTACHMENT APPENDIX DA

Tracking Number 49i112r3
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Revision to NSF/ANSI 49-2016
Issue 112, Draft 3 (March 2018)

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

NSF/ANSI International Standard for Biosafety Cabinetry —

Biosafety cabinetry: Design, construction, performance, and field certification

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. .
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Annex G (informative)

Generation of any gas or vapor used to decontaminate a BSC should be done in a safe manner to limit exposure to personnel and to the environment. A safe manner should include instructions and equipment necessary to safely stop the generation of gas or vapor, and neutralize or remove the gas or vapor to limit exposure.

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

NSF International Standard/ American National Standard –

Food Equipment Materials

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6 Coatings

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6.2.2 Splash zones

6.2.2.1 Organic coatings may be used on splash zone surfaces.

6.2.2.2 Organic coatings used on splash zone surfaces shall meet the abrasion resistance requirements in 9.2. ~~Organic coatings used on corrosion resistant substrates in a splash zone shall be exempt from abrasion resistance testing.~~

6.2.2.3 Organic coatings used on splash zone surfaces shall meet the impact resistance requirements in 10.2.

6.2.2.4 Organic coatings used on heated splash zone surfaces shall meet the heat resistance requirements in 11.

~~NOTE – Organic coatings used on corrosion resistant substrates in a splash zone shall be exempt from abrasion resistance testing.~~

***Rationale:** This was previously a note, but since it is an exemption to a stated requirement that is used during evaluation, it should be incorporated as a normative section in the standard itself, and under the specific section where the exemption is cited, not the entire subsection 6.2.2*

BSR/UL 60079-18, Standard for Safety for *Explosive Atmospheres - Part 18: Equipment Protection by Encapsulation "m"*

1. Revisions to 9.2

PROPOSAL

9.2 Dielectric strength test

For circuits, which are accessible from the exterior the dielectric strength test shall be used to test the isolation of circuits from each other and from their environment. The test shall be carried out on these circuits in accordance with 8.2.4. Alternatively, the test method given in Annex C may be used for the test between each circuit and the surface of the compound or the non-metallic enclosure.

2. Addition of New Annex C

PROPOSAL

Annex C

(normative)

Dielectric strength test between circuits and environment

C.1 General

Subclause 8.2.4.1 c) describes a dielectric strength test between circuits (for example, external connections) and the non-metallic surface of the equipment (either a non-metallic enclosure or the surface of the compound).

For large batches of equipment, where it is impractical to perform this as a routine test in accordance with 9.2, this may be conducted as a batch test in accordance with C.2, provided that:

- a) The material datasheet for the enclosure material or the compound specifies a breakdown voltage at least 1.5 times the test voltage specified in 8.2.4.1 (taking account of the enclosure material or compound thickness). Where both the compound and the enclosure material are needed to contribute to the dielectric strength, the lower value of breakdown voltage shall be applied to the total distance through both compound and enclosure;
- b) The dielectric strength test voltage of the type test is 1,5 times the test voltage specified in 8.2.4.1;
- c) The physical test arrangement is as described in 8.2.4.1 c);
- d) The acceptance criteria is as 8.2.4.2; and

e) The batch test requirement is included in the manufacturer's documentation.

C.2 Batch test procedure

The batch test shall be made according to the following criteria, based on the sampling data in ISO 2859-1:

a) For a production batch up to 100, 8 samples shall be tested at 1,5 times the test voltage required by 8.2.4.1, with no failures;

b) For a production batch from 101 to 1 000, 32 samples shall be tested at 1,5 times the test voltage required by 8.2.4.1, with no failures;

c) For a production batch from 1 001 to 10 000, 80 samples shall be tested at 1,5 times the test voltage required by 8.2.4.1, with no failures; or

d) For a production batch above 10 000, it shall be divided into smaller batches.

If there are any non-compliant test results, all remaining samples in the batch shall be routine tested (100 %) at the test voltage required by 8.2.4.1.

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BSR/UL 567A, Standard for Emergency Breakaway Fittings, Swivel Connectors and Pipe-Connection Fittings for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85)

1. Reduce Length of Long Term Exposure Test

11 Long Term Exposure Test

11.3 Method

11.3.3 The chamber temperature is increased to $60 \pm 2^\circ\text{C}$ ($140 \pm 4^\circ\text{F}$). When the chamber reaches this temperature, the exposure period begins. The samples are exposed to the applicable test fluid at $60 \pm 2^\circ\text{C}$ for approximately 168 hours. At the end of this duration, the exposure period is halted and the chamber is allowed to cool. The samples are subjected to a 50 psi (347 kPa) pressure for one minute. The fluid is then drained from the samples and observed in accordance with 11.4.2. After this observation, the fluid is discarded. The samples are then immediately refilled with new test fluid and the chamber temperature is allowed to increase to $60 \pm 2^\circ\text{C}$ again. The total duration of the test shall equal ~~2,520~~ 1,008 hours of exposure at $60 \pm 2^\circ\text{C}$.

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BSR/UL 567B, Standard for Emergency Breakaway Fittings, Swivel Connectors and Pipe-Connection Fittings for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil

1. Reduce Length of Long Term Exposure Test

11 Long Term Exposure Test

11.3 Method

11.3.3 The chamber temperature is increased to $60 \pm 2^{\circ}\text{C}$ ($140 \pm 4^{\circ}\text{F}$). When the chamber reaches this temperature, the exposure period begins. The samples are exposed to the applicable test fluid at $60 \pm 2^{\circ}\text{C}$ for approximately 168 hours. At the end of this duration, the exposure period is halted and the chamber is allowed to cool. The samples are subjected to a 50 psi (347 kPa) pressure for one minute. The fluid is then drained from the samples and observed in accordance with 11.4.2. After this observation, the fluid is discarded. The samples are then immediately refilled with new test fluid and the chamber temperature is allowed to increase to $60 \pm 2^{\circ}\text{C}$ again. The total duration of the test shall equal ~~2,520~~ 1,008 hours of exposure at $60 \pm 2^{\circ}\text{C}$.

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BSR/UL 746A, Standard for Safety for Polymeric Materials – Short Term Property Evaluations

1. Inclusion of Sample Conditioning Requirement for Inclined Plane Tracking Test in Paragraph 26.3

26.3 The time-to-track 25.4 mm (1 inch) from the lower electrode is to be determined on 5 distinct specimens. A series of tests with the same sampled material shall start with a minimum test voltage of 1.0 kV and the voltage shall be increased in steps of 0.5 kV in order to identify the highest test voltage. A 3-sample repeat may be used for screening a test voltage. For test voltages between 1 kV and 5 kV, the test results are acceptable if the time-to-track for each specimen is above 60 min. For test voltages above 5 kV, the test results are acceptable if the time-to-track for each specimen is above 300 min. The highest test voltage is determined based on testing 5 sample repeats. All specimens are to be dried for a minimum of 24 hours (in a laboratory atmosphere of 15 –35°C and ≤ 75% relative humidity) after coating with silver paint. Coated specimens are to be conditioned for a minimum of 24 hours at 23 ±5°C and 50 ±10 percent RH before testing.

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BSR/UL 2034-201x, Standard for Safety for Single and Multiple Station Carbon Monoxide Alarms

1. Option for Carbon Monoxide Alarms with Digital Displays to Display Real-time Levels Below 30 PPM

1.3 Carbon monoxide alarms covered by this standard are not intended to alarm when exposed to long-term, low-level carbon monoxide exposures or slightly higher short-term transient carbon monoxide exposures, possibly caused by air pollution and/or properly installed/maintained fuel-fired appliances and fireplaces. See Table 41.1, Part B, False alarm resistance specifications. Devices with digital displays (or that have the capability of providing a remote indication provided at an external device, such as a remote receiver or a mobile device, i.e. smart phone) may have a feature that displays non-alarm CO levels below 30 PPM. This information may be useful for At-risk individuals.

5.7.1 CO ALARM WITH LOW LEVEL INDICATION - an alarm device that has a numeric display that includes CO levels below 30 ppm.

5.25 WARNING SIGNAL - Except for alarm and trouble signals and end of life, no other audible and visual signals shall be used (i.e. warning signals that indicate the presence of CO less than 30 ppm). CO levels above 30 ppm may be displayed on all devices. Levels below 30 ppm shall be displayed under normal use only on CO alarms labeled as having the ability of provide a low-level CO indication.

87.1 An alarm shall be permanently marked on a Class IIIC marking material with the following information unless specifically indicated that it appears on the installation wiring diagram. The marking shall be in a contrasting color, finish, or equivalent. Unless the letter height is specified, all markings shall be at least 3/64 inch (1.2 mm) high.

- a) Name or identifying symbol and address of the manufacturer or private labeler.
- b) Model number and date of manufacture. The date of manufacture shall be non-coded and in the format YEAR (in 4 digits), MONTH (in letters), and DAY (in 2 digits) located on the outside surface of the CO alarm.
- c) Electrical rating, in volts, amperes, or watts, and frequency.

Exception: Not required for battery operated alarms.

- d) Correct mounting position if a unit is intended to be mounted in a definite position. Carbon monoxide alarms that comply with 66.5.2 shall include marking information that clearly indicates that the product is only intended for installation on the ceiling, or on the

wall no more than 12 inches from the ceiling. As an alternative, the correct mounting position shall appear in the installation instructions.

- e) Identification of the product (carbon monoxide alarm shall be marked in contrasting color from the background on the face of the unit), lights, switches, and meters, regarding their function unless their function is obvious. The following message shall be located adjacent to the visual indicator for alarm: "Move to fresh air."
- f) Maximum rating of fuse in each fuseholder.
- g) Identification of spare lamps and batteries by part number, manufacturer's model number or equivalent, located adjacent to the component.
- h) Reference to an installation diagram or owner's manual, or both.
- i) The following warning shall be placed on the carbon monoxide alarm. The warning label shall be of Class IIIC marking material. The hazard symbol and letters used for the word "WARNING" shall be boldfaced type having a minimum uppercase letter height of 0.120 inch (3.05 mm). The minimum vertical spacing between lines of type shall be 0.046 inch (1.17 mm). (These dimensions correspond to 12 point type.) Lowercase letters shall be compatible with the uppercase letter specification.

 "WARNING"

"Carbon Monoxide cannot be seen or smelled but can kill you.

If alarm signal sounds:

- 1) Operate reset/silence button.
- 2) Call your emergency services (fire department or 911).
- 3) Immediately move to fresh air - outdoors or by an open door/window."

j) An alarm not intended to be painted in use shall be marked on the outer surface of the enclosure with the following or equivalent notice: "Do Not Paint." The letters shall not be less than 1/8 inch (3.2 mm) high and shall be located so as to be readily visible after the is mounted in its intended manner. See the Paint Loading Test, Section 67.

k) The following or equivalent qualifying statement on a battery-operated alarm where battery operation, under other than normal room temperature conditions during the long term battery tests, is less than 12 months but not less than 6 months. Applicable wording is to be used.

"CONSTANT EXPOSURES TO HIGH OR LOW TEMPERATURES OR HIGH HUMIDITY MAY REDUCE BATTERY LIFE."

l) Distinction between alarm, pre-alarm, end-of-life, and trouble signals on units employing these signals.

- m) Reference to a source for battery replacement. As an alternative, this information shall appear in the users manual.
- n) For a battery operated alarm, the word "WARNING" and the following or equivalent marking shall be included on the unit: "Use Only Batteries Specified In Marking. Use Of A Different Battery May Have A Detrimental Effect On Alarm Operation." The letter height shall be a minimum of 1/8 inch (3.2 mm) for "WARNING" and 3/64 inch (1.2 mm) for the rest of the notice.
- o) For an alarm employing a nonrechargeable standby battery the marking information described in 16.1, 16.3, and 16.4 shall be in letters not less than 1/8 inch (3.2 mm) high.
- p) Test instructions and frequency. Not less than once per week for battery-powered alarms and not less than once per month for other than battery-powered alarms.
- q) Maintenance instructions, such as cleaning, lamp, and battery replacement.
- r) Name and address of firm to whom alarm is to be sent for servicing.
- s) Sealed units intended to be returned to the manufacturer for servicing shall be marked as follows on the outside of the alarm: "RETURN TO (+) FOR SERVICING," or equivalent. Units on which the cover is removable but that are also intended to be returned to the manufacturer for servicing may have the marking on the inside of the alarm.
- (+) Name and address of manufacturer or supplier
- t) An AC operated alarm without a standby battery shall be marked with the word "WARNING" and the following: "UNIT WILL NOT OPERATE DURING POWER FAILURE, AND DO NOT INSTALL IN A WALL SWITCH CONTROLLED OUTLET." The marking shall be in a location on the unit that is visible after installation. The letter height for the word "WARNING" shall be minimum 1/8 inch (3.2 mm).
- u) The sensitivity setting for an alarm having a fixed setting. If an alarm is intended to be adjusted in the field, the range of sensitivity shall be indicated. The marked sensitivity shall be indicated by ppm and time.
- v) A battery-operated alarm that employs a battery trouble silence feature shall describe its operation in the installation instructions.
- w) For devices with low-level CO indication, "FOR CO LEVELS BELOW 30 PPM, SEE OWNER'S MANUAL".

38.8 Any indicator of CO concentration shall be accurate to within plus or minus 30% of the indicated amount and display the gas concentration for all Sensitivity tests specified in Table 41.1 and pre/post Sensitivity tests within this standard. ~~No~~ Low level PPM display indication shall be ~~given~~ allowed for CO concentrations less than 30 ppm. The indicator shall comply with the in-service reliability requirements of 82.1.2. Testing shall

be performed at the lowest display level specified by the manufacture, 70, 150, and 400 ppm and the test data shall be part of the in-service reliability measurement program. For the purposes of these requirements, an indicator of CO concentration shall be either an integral component of a CO alarm or a remote indication provided at an external device, such as a remote receiver or a mobile device, i.e. smart phone.

2. Effect of Shipping and Storage

48.2 Effect of shipping and storage

48.2.1 The sensitivity of an alarm shall not be impaired by exposure to high and low temperatures representative of shipping and storage as well as storage in point-of-purchase packaging.

48.2.2 Two end product alarms, as produced in the same factory and manufactured using the manufacturing process that will provide alarms to the consumer, and in point of purchase packaging, are to be subjected, in turn, to a temperature of 70°C (158°F) at 50 ±30 percent RH for a period of 24 hours, allowed to cool to room temperature for at least 1 hour, exposed to a temperature of minus 40°C (minus 40°F) for at least 3 hours, and then warmed up to room temperature for at least 3 hours. The same two samples are then to be subjected to 50 ±30 percent RH at 50°C for 45 days, or at 55°C for 30 days, or at 60°C for 20 days as selected by the manufacturer. The alarms then are to be tested for sensitivity while connected to a source of supply in accordance with 37.3.1.

48.2.3 Sealed point-of-sale packaging shall only be opened after the conditioning exposure is complete. Sensitivity measurements shall be recorded, ~~before and~~ after the Effect of Shipping and Storage Test in 48.2 using the CO values listed in Table 41.1, Part A - Alarm, and Table 41.1, Part B - False alarm, except the 30 day test is to be conducted for 8 hours. All alarm samples tested as part of the Effect of Shipping and Storage Test in 48.2 shall comply with these requirements.

BSR/UL 2586A, Standard for Hose Nozzle Valves for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85)

1. *Reduce Length of Long Term Exposure Test*

12 Long Term Exposure Test

12.3 Method

12.3.3 The chamber temperature is increased to $60 \pm 2^{\circ}\text{C}$ ($140 \pm 4^{\circ}\text{F}$). When the chamber reaches this temperature, the exposure period begins. The samples are exposed to the applicable test fluid at $60 \pm 2^{\circ}\text{C}$ for approximately 168 hours. At the end of this duration, the exposure period is halted and the chamber is allowed to cool. The samples are subjected to a 50 psi (347 kPa) pressure for one minute. The fluid is then drained from the samples and observed in accordance with 12.4.2. After this observation, the fluid is discarded. The samples are then immediately refilled with new test fluid and the chamber temperature is allowed to increase to $60 \pm 2^{\circ}\text{C}$ again. The total duration of the test shall equal ~~2,520~~ 1,008 hours of exposure at $60 \pm 2^{\circ}\text{C}$.

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BSR/UL 2586B, Standard for Hose Nozzle Valves for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil

1. *Reduce Length of Long Term Exposure Test*

12 Long Term Exposure Test

12.3 Method

12.3.3 The chamber temperature is increased to $60 \pm 2^{\circ}\text{C}$ ($140 \pm 4^{\circ}\text{F}$). When the chamber reaches this temperature, the exposure period begins. The samples are exposed to the applicable test fluid at $60 \pm 2^{\circ}\text{C}$ for approximately 168 hours. At the end of this duration, the exposure period is halted and the chamber is allowed to cool. The samples are subjected to a 50 psi (347 kPa) pressure for one minute. The fluid is then drained from the samples and observed. After this observation, the fluid is discarded. The samples are then immediately refilled with new test fluid and the chamber temperature is allowed to increase to $60 \pm 2^{\circ}\text{C}$ again. The total duration of the test shall equal ~~2,520~~ 1,008 hours of exposure at $60 \pm 2^{\circ}\text{C}$.

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