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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: March 4, 2018

NSF (NSF International)

Revision

BSR/NSF 6-201x (i13r2), Dispensing Freezers (revision of ANSI/NSF 6-2016)

This Standard contains requirements for the following equipment: dispensing freezers that process and freeze previously pasteurized product (e.g., soft ice cream, ice milk, yogurt, malts, custards) and dispense it directly into the consumer's container; dispensing freezers that dispense premanufactured frozen product (e.g., ice cream) directly into the consumer's container; and batch dispensing freezers. The materials, design, and construction requirements of this Standard may also apply to items that are manufactured as a component of a dispensing freezer.

[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 61-201x (i140r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2017)

This Standard establishes minimum health effects requirements for the chemical contaminants and impurities that are indirectly imparted to drinking water from products, components, and materials used in drinking water systems. This Standard does not establish performance, taste and odor, or microbial growth support requirements for drinking water system products, components, or materials.

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

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 312-201x, Standard for Safety for Check Valves for Fire-Protection Service (revision of ANSI/UL 312-2010 (R2015))

(1) Marking height requirements.

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

(1) Recirculation of the proposed third edition of UL 486A-486B, Standard for Safety for Wire Connectors.

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

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

Comment Deadline: March 19, 2018

AAFS (American Academy of Forensic Sciences)

New Standard

BSR/ASB Std 022-201x, Standard for Forensic DNA Analysis Training Programs (new standard)

This standard provides the general requirements for a forensic DNA laboratory™ training program in DNA analysis and data interpretation.

Single copy price: Free

Obtain an electronic copy from: <http://asb.aafs.org/>

Document will be provided electronically on AAFS Standards Board website free of charge.

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

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

BSR/AAMI/ISO 5841-3-2013 (R201x), Implants for surgery - Cardiac pacemakers - Part 3: Low-profile connectors (IS-1) for implantable pacemakers (reaffirmation of ANSI/AAMI/ISO 5841-3-2013)

Specifies a connector assembly to be used to connect implantable pacemaker leads to implantable pacemaker pulse generators. Essential dimensions and performance requirements related to connector fit are specified, together with appropriate test methods.

Single copy price: \$67.00 (AAMI members)/\$119.00 (list)

Obtain an electronic copy from: <http://my.aami.org/store/detail.aspx?id=584103-PDF>

Send comments (with copy to psa@ansi.org) to: Jennifer Moyer, (703) 253-8274, jmoyer@aami.org

APT (ASC CGATS) (Association for Print Technologies)

Reaffirmation

BSR CGATS.7-2003 (R201x), Graphic technology - Pallet loading for printed materials (reaffirmation of ANSI CGATS.7-2003 (R2013))

This standard specifies the stacking, unitizing, protection, and labeling of palletized printed materials. It also specifies the functional design of pallets used to transport printed materials, and gives specifications for their loading onto delivery vehicles.

Single copy price: \$16.00

Obtain an electronic copy from: dorf@apttech.org

Order from: Debra Orf, (703) 264-7200, dorf@apttech.org

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

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

BSR/ASHRAE Addendum h to BSR/ASHRAE Standard 188-201x, Legionellosis: Risk Management for Building Water Systems (addenda to ANSI/ASHRAE Standard 188-2015)

This proposed addendum is intended to adapt the text of Standard 188 to utilize code-intended language to the fullest extent possible.

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>

ASSE (ASC A10) (American Society of Safety Engineers)**New Standard**

BSR ASSE A10.21-201x, Safety Requirements for Safe Construction and Demolition of Wind Generation / Turbine Facilities. (new standard)

This standard establishes the minimum requirements for protecting the safety and health of persons involved in construction and demolition operations addressing utility-scale land-based wind generation/turbine facilities.

Single copy price: \$80.00

Order from: lbauerschmidt@asse.org

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

ASTM (ASTM International)**New Standard**

BSR/ASTM WK59159-201x, Practice for Screening Analysis of a Potential Ignitable Liquid in a Heated Atmospheric Tank (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

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM E1660-1995A (R201x), Classification for Serviceability of an Office Facility for Support for Office Work (reaffirmation of ANSI/ASTM E1660-1995A (R2012))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM E1661-1995A (R201x), Classification for Serviceability of an Office Facility for Meetings and Group Effectiveness (reaffirmation of ANSI/ASTM E1661-1995A (R2012))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM E1662-1995A (R201x), Classification for Serviceability of an Office Facility for Sound and Visual Environment (reaffirmation of ANSI/ASTM E1662-1995A (R2012))

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM E1664-1995A (R201x), Classification for Serviceability of an Office Facility for Layout and Building Factors (reaffirmation of ANSI/ASTM E1664-1995A (R2012))

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM E1665-1995A (R201x), Classification for Serviceability of an Office Facility for Facility Protection (reaffirmation of ANSI/ASTM E1665-1995A (R2012))

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM E1666-1995A (R201x), Classification for Serviceability of an Office Facility for Work Outside Normal Hours or Conditions (reaffirmation of ANSI/ASTM E1666-1995A (R2012))

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM E1667-1995 (R201x), Classification for Serviceability of an Office Facility for Image to the Public and Occupants (reaffirmation of ANSI/ASTM E1667-1995 (R2012))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM E1668-1995A (R201x), Classification for Serviceability of an Office Facility for Amenities to Attract and Retain Staff (reaffirmation of ANSI/ASTM E1668-1995A (R2012))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM E1669-1995A (R201x), Classification for Serviceability of an Office Facility for Location, Access and Wayfinding (reaffirmation of ANSI/ASTM E1669-1995A (R2012))

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM E1670-1995A (R201x), Classification for Serviceability of an Office Facility for Management of Operations and Maintenance (reaffirmation of ANSI/ASTM E1670-1995A (R2012))

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM E1671-1995A (R201x), Classification for Serviceability of an Office Facility for Cleanliness (reaffirmation of ANSI/ASTM E1671-1995A (R2012))

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM E1692-1995A (R201x), Classification for Serviceability of an Office Facility for Change and Churn by Occupants (reaffirmation of ANSI/ASTM E1692-1995A (R2012))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM E1693-1995 (R201x), Classification for Serviceability of an Office Facility for Protection of Occupant Assets (reaffirmation of ANSI/ASTM E1693-1995 (R2012))

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM E1694-1995A (R201x), Classification for Serviceability of an Office Facility for Special Facilities and Technologies (reaffirmation of ANSI/ASTM E1694-1995A (R2012))

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM E1701-1995 (R201x), Classification for Serviceability of an Office Facility for Manageability (reaffirmation of ANSI/ASTM E1701-1995 (R2012))

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM E2320-2004 (R201x), Classification for Serviceability of an Office Facility for Thermal Environment and Indoor Air Conditions (reaffirmation of ANSI/ASTM E2320-2004 (R2012))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM E2833-2012 (R201x), Practice for Certification Bodies that Certify Personnel Engaged in Inspection and Testing of Construction Activities and Materials Used in Construction, Including Special Inspection (reaffirmation of ANSI/ASTM E2833-2012)

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F395-2010 (R201x), Terminology Relating to Vacuum Cleaners (reaffirmation of ANSI/ASTM F395-2010)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F486-2001 (R201x), Practice for Preparation of Use and Care Booklets for Vacuum Cleaners (reaffirmation of ANSI/ASTM F486-2001 (R2011))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F994-1986 (R201x), Specification for Design and Installation of Overboard Discharge Hull Penetration Connections (reaffirmation of ANSI/ASTM F994-1986 (R2011))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F998-2012 (R201x), Specification for Centrifugal Pump, Shipboard Use (reaffirmation of ANSI/ASTM F998-2012)

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F1020-1986 (R201x), Specification for Line-Blind Valves for Marine Applications (reaffirmation of ANSI/ASTM F1020-1986 (R2011))

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F1069-87 (R201x), Specification for Doors, Watertight, Gastight/Airtight and Weathertight, Individually Dogged, for Marine Use (reaffirmation of ANSI/ASTM F1069-87 (R2012))

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F1070-87 (R201x), Specification for Doors, Non-Tight, for Marine Use (reaffirmation of ANSI/ASTM F1070-87 (R2012))

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F1173-2001 (R201x), Specification for Thermosetting Resin Fiberglass Pipe Systems to Be Used for Marine Applications (reaffirmation of ANSI/ASTM F1173-2001 (R2012))

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F1245-1989 (R201x), Specification for Faucets, Single and Double, Compression and Self-Closing Type, Shipboard (reaffirmation of ANSI/ASTM F1245-1989 (R2012))

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F1271-1990 (R201x), Specification for Spill Valves for Use in Marine Tank Liquid Overpressure Protections Applications (reaffirmation of ANSI/ASTM F1271-1990 (R2012))

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F1298-1990 (R201x), Specification for Flexible, Expansion-Type Ball Joints for Marine Applications (reaffirmation of ANSI/ASTM F1298-1990 (R2012))

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F1311-1990 (R201x), Specification for Large-Diameter Fabricated Carbon Steel Flanges (reaffirmation of ANSI/ASTM F1311-1990 (R2012))

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F1330-1991 (R201x), Guide for Metallic Abrasive Blasting to Descale the Interior of Pipe (reaffirmation of ANSI/ASTM F1330-1991 (R2012))

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F1387-1999 (R201x), Specification for Performance of Piping and Tubing Mechanically Attached Fittings (reaffirmation of ANSI/ASTM F1387-1999 (R2012))

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F1411-2011 (R201x), Practice for Presenting Selected Information on Vacuum Cleaners for Consumer Use (reaffirmation of ANSI/ASTM F1411-2011)

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F1548-2001 (R201x), Specification for Performance of Fittings for Use with Gasketed Mechanical Couplings Used in Piping Applications (reaffirmation of ANSI/ASTM F1548-2001 (R2012))

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F2473-2012 (R201x), Test Method for Performance of Water-Bath Rethermalizers (reaffirmation of ANSI/ASTM F2473-2012)

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F2544-2011 (R201x), Test Method for Determining A-Weighted Sound Power Level of Central Vacuum Power Units (reaffirmation of ANSI/ASTM F2544-2011)

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F2934-2012 (R201x), Specification for Circular Metallic Bellows Type Expansion Joint for HVAC Piping Applications (reaffirmation of ANSI/ASTM F2934-2012)

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F2935-2012 (R201x), Specification for Chocks, Panama, Mooring Cast Steel (reaffirmation of ANSI/ASTM F2935-2012)

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F2936-2012 (R201x), Specification for Chocks, Ship Mooring, Cast Steel (reaffirmation of ANSI/ASTM F2936-2012)

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ASTM (ASTM International)**Revision**

BSR/ASTM F1484-201x, Test Methods for Performance of Steam Cookers (revision of ANSI/ASTM F1484-2015)

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ASTM (ASTM International)**Revision**

BSR/ASTM F1696-201x, Test Method for Energy Performance of Stationary-Rack, Door-Type Commercial Dishwashing Machines (revision of ANSI/ASTM F1696-2015)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Revision**

BSR/ASTM F2093-201x, Test Method for Performance of Rack Ovens (revision of ANSI/ASTM F2093-2011)

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

ASTM (ASTM International)**Revision**

BSR/ASTM F2380-201x, Test Method for Performance of Conveyor Toasters (revision of ANSI/ASTM F2380-2004 (R2016))

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

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

BSR/ATIS 0300075-201x, Usage Data Management Architecture and Protocols Requirements for Packet-Based Application Services (revision of ANSI/ATIS 0300075-2012)

This document describes a functional architecture and provides requirements intended for usage data management to be applied to various business applications for accounting and charging of packet-based telecommunications services.

Single copy price: \$110.00

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)**Revision**

BSR/ATIS 0300091-201x, Structure for Global Serialization of Information and Communications Technology (ICT) Network Infrastructure Equipment (revision of ANSI/ATIS 0300091-2012)

This standard provides a format and structure for assigning serial numbers to telecommunications infrastructure equipment.

Single copy price: \$30.00

Obtain an electronic copy from: <https://www.atis.org/docstore/product.aspx?id=26784>

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

CSA (CSA Group)**Revision**

BSR Z21.50-201x, Vented Decorative Gas Appliances (same as CSA 2.22 -201x) (revision of ANSI Z21.50-2016)

Details test and examination criteria for vented decorative gas appliance for use with natural and propane gases. The only function of a vented decorative gas appliance lies in the aesthetic effect of the flame; the appliance is not a source of heat.

Single copy price: Free

Obtain an electronic copy from: cathy.rake@csagroup.org

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

CTA (Consumer Technology Association)**Addenda**

BSR/CTA 2045.2 Amendment 1-201x, MCI for Generic Display Message Set (addenda to ANSI/CTA 2045.2-2014)

This specification is an amendment of ANSI/CTA 2045, Modular Communications Interface (MCI) for Energy Management standard. It presents messages and methods that enable generic message display over the MCI interface. Project to amend ANSI/CTA 2045.2 entails correcting an error related to the Intermediate DR OpCode1 of 0x09 messaging.

Single copy price: \$35.25

Obtain an electronic copy from: standards@cta.tech

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

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

NEMA (ASC C50) (National Electrical Manufacturers Association)**Revision**

BSR NEMA MG-1-201x, Motors and Generators (revision of ANSI NEMA MG-1-2012)

Assists users in the proper selection and application of motors and generators. Practical information concerning performance, safety, test, construction, and manufacture of AC and DC motors and generators.

Single copy price: \$484.00

Obtain an electronic copy from: www.techstreet.com

Order from: NEMA

Send comments (with copy to psa@ansi.org) to: mike.leibowitz@nema.org

NETA (InterNational Electrical Testing Association)**Revision**

BSR/NETA MTS-201x, NETA Standard for Maintenance Testing Specifications for Electrical Power Equipment and Systems (revision of ANSI/NETA MTS-2015)

These specifications cover the suggested field tests and inspections that are available to assess the suitability for continued service and reliability of electrical power equipment and systems. The purpose of these specifications is to assure that tested electrical equipment and systems are operational, are within applicable standards and manufacturers' tolerances, and are suitable for continued service.

Single copy price: \$495.00

Obtain an electronic copy from: rpiet@netaworld.org

Order from: rpiet@netaworld.org

Send comments (with copy to psa@ansi.org) to: Richard Piet, rpiet@netaworld.org

NSF (NSF International)**New Standard**

BSR/NSF 358-4-201x (i1r3), Polyethylene of Raised Temperature (PE-RT) Tubing and Fittings for Water-Based Ground-Source (Geothermal) Heat Pump Systems. (new standard)

The physical and performance requirements in this Standard apply to plastic piping system components as well as non-plastic components of the ground loop heat exchanger including but not limited to polyethylene of raised temperature (PE-RT) pipes and fittings used in water-based ground-source heat pump systems. This standard does not cover refrigerant-based ground-loop heat exchangers such as direct expansion (DX) systems. This Standard does not cover hydronic heating or cooling systems within buildings.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/download.php/41120/358-4r1i3%20JC%20Memo%20and%20Ballot.pdf

Order from: Jason Snider, (734) 418-6660, jsnider@nsf.org

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

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

BSR/SCTE 108-201x, Test Method for Dielectric Withstand of Coaxial Cable (revision of ANSI/SCTE 108-2012)

The purpose of this document is to provide a test standard for detecting flaws in the insulation (sometimes referred to as the dielectric) of a completed coaxial cable. This test, usually referred to as a Hipot or Dielectric Withstand Test, verifies that the insulation can withstand a specified voltage applied between the center conductor and the outer conductor for a specified time interval, without resulting in a dielectric breakdown. Upon successful completion of this Hipot test, it can be concluded that the inner and outer conductors are properly insulated from each other.

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

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

BSR A136.1-2008 (R201x), Standard Specification for Organic Adhesives for Installation of Ceramic Tile (reaffirmation of ANSI A136.1-2008 (R2013))

This standard is for the use of manufacturers of organic adhesives, tile producers, architects, installing mechanics, and testing laboratories in producing, specifying, and testing organic adhesives for the installation of ceramic tile. It provides a basis for promoting the quality of organic adhesives to be used under appropriate installation procedures specified in the current ANSI A108.4.

Single copy price: \$15.00

Obtain an electronic copy from: ksimpson@tileusa.com

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

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

BSR A118.1-201x, Standard Specifications for Dry-Set Cement Mortar (revision of ANSI A118.1-2012)

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

Single copy price: \$15.00

Obtain an electronic copy from: ksimpson@tileusa.com

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

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

BSR A118.4-201x, Specifications for Modified Dry-Set Cement Mortar (revision of ANSI A118.4-2012)

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

Single copy price: \$15.00

Obtain an electronic copy from: ksimpson@tileusa.com

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

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

BSR A118.15-201x, Specifications for Improved Modified Dry-Set Cement Mortar (revision of ANSI A118.15-2012)

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

Single copy price: \$15.00

Obtain an electronic copy from: ksimpson@tileusa.com

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

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

BSR A137.1-201x, Standard Specifications for Ceramic Tile (revision of ANSI A137.1-2017)

These specifications serve as a reference standard for buyers and specifiers of standard-grade and second-grade ceramic tile, decorative tile, and specialty tile. These specifications are also a guide to producers in maintaining quality control of the manufacture of such ceramic tile.

Single copy price: \$15.00

Obtain an electronic copy from: ksimpson@tileusa.com

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

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

BSR A137.2-201x, Standard Specification for Glass Tile (revision of ANSI A137.2-2013)

These specifications describe manufacturing styles, body types, sizes, and physical properties for standard-grade glass tile; the basis for acceptance and methods of testing before installation; the marking of packaging and certification of tile; and definition of terms employed in these specifications.

Single copy price: \$15.00

Obtain an electronic copy from: ksimpson@tileusa.com

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

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

BSR/UL 1439-2013 (R201x), Standard for Safety for Tests for Sharpness of Edges on Equipment (reaffirmation of ANSI/UL 1439-2013)

Reaffirmation of UL 1439, Tests for Sharpness of Edges on Equipment, which covers a test procedure used to determine the potential personal injury related to the sharpness of edges that are part of or associated with appliances and equipment.

Single copy price: Contact comm2000 for pricing and delivery options

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

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

Send comments (with copy to psa@ansi.org) to: Jonette Herman, (919) 549-1479, Jonette.A.Herman@ul.com

Comment Deadline: April 3, 2018

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

ANS (American Nuclear Society)**New Standard**

BSR/ANS 54.1-201x, Nuclear Safety Criteria and Design Process for Liquid-Metal-Cooled Nuclear Power Plants (new standard)

This standard establishes the nuclear safety criteria, functional performance, and design requirements for liquid-metal-cooled nuclear power plants. The document uses performance-based, risk-informed PRA criteria wherever possible. It also describes the design process to be followed to establish those criteria and perform structures, systems, and component classifications.

Single copy price: \$25.00

Obtain an electronic copy from: scook@ans.org

Order from: scook@ans.org

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 20-201x, Standard for Safety for General-Use Snap Switches (revision of ANSI/UL 20-2012)

The requirements of this Standard apply to manually operated, general-use snap switches for connection to copper (Cu) or copper-clad conductors used in accordance with the National Electrical Code (NEC), ANSI/NFPA 70, or the Canadian Electrical Code (CEC), Part I, and intended for connection to wiring systems recognized by the NEC or the CEC, Part I.

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: Mitchell Gold, (847) 664-2850, Mitchell.Gold@ul.com

Notice of Withdrawn ANS by an ANSI-Accredited Standards Developer

In accordance with clause 4.2.1.3.2 Withdrawal by ANSI-Accredited Standards Developer of the ANSI Essential Requirements, the following American National Standards have been withdrawn as an ANS.

ASME (American Society of Mechanical Engineers)

ANSI/ASME B107.41-2008, Nail Hammers

Questions may be directed to: Mayra Santiago, (212) 591-8521, ansibox@asme.org

ASME (American Society of Mechanical Engineers)

ANSI/ASME B107.42-2008, Hatchets and Axes

Questions may be directed to: Mayra Santiago, (212) 591-8521, ansibox@asme.org

ASME (American Society of Mechanical Engineers)

ANSI/ASME B107.53-2008, Ball Peen Hammers

Questions may be directed to: Mayra Santiago, (212) 591-8521, ansibox@asme.org

ASME (American Society of Mechanical Engineers)

ANSI/ASME B107.54-2008, Heavy Striking Tools

Questions may be directed to: Mayra Santiago, (212) 591-8521, ansibox@asme.org

ASME (American Society of Mechanical Engineers)

ANSI/ASME B107.56-2007, Body Repair Tools

Questions may be directed to: Mayra Santiago, (212) 591-8521, ansibox@asme.org

ASME (American Society of Mechanical Engineers)

ANSI/ASME B107.58-2007, Riveting, Scaling, and Tinner's Setting Hammers

Questions may be directed to: Mayra Santiago, (212) 591-8521, ansibox@asme.org

ASTM (ASTM International)

ANSI/ASTM E2030-2009a, Guide for Recommended Uses of Photoluminescent (Phosphorescent) Safety Markings

Questions may be directed to: Corice Leonard, (610) 832-9744, accreditation@astm.org

NFPA (National Fire Protection Association)

ANSI/NFPA 51A-2012, Standard for Acetylene Cylinder Charging Plants

NFPA (National Fire Protection Association)

ANSI/NFPA 422-2010, Guide for Aircraft Accident/Incident Response Assessment

NFPA (National Fire Protection Association)

ANSI/NFPA 851-2010, Recommended Practice for Fire Protection for Hydroelectric Generating Plants

Call for Members (ANS Consensus Bodies)

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

AAMI (Association for the Advancement of Medical Instrumentation)

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

Contact: Jennifer Moyer

Phone: (703) 253-8274

Fax: (703) 276-0793

E-mail: jmoyer@aami.org

BSR/AAMI/ISO 5841-3-2013 (R201x), Implants for surgery - Cardiac pacemakers - Part 3: Low-profile connectors (IS-1) for implantable pacemakers (reaffirmation of ANSI/AAMI/ISO 5841-3-2013)

API (American Petroleum Institute)

Office: 1220 L Street, NW
Washington, DC 20005-4070

Contact: Benjamin Coco

Phone: (202) 682-8056

Fax: (202) 682-8051

E-mail: cocob@api.org

BSR/API RP 2TOP/ISO 19901-3-201x, Petroleum and natural gas industries - Specific requirements for offshore structures - Part 3: Topsides structure (national adoption with modifications of ISO 19901-3:2010)

ASA (ASC S2) (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: nstremmel@acousticalsociety.org

BSR ASA S2.80-201x/Part 1/ISO 20816-1-201x, Mechanical vibration - Measurement and evaluation of machine vibration - Part 1: General guidelines (identical national adoption of ISO 20816-1:2016)

BSR ASA S2.80-201x/Part 2/ISO 20816-2-201x, Mechanical vibration - Measurement and evaluation of machine vibration - Part 2: Land-based gas turbines, steam turbines and generators in excess of 40 MW, with fluid-film bearings and rated speeds of 1500 r/min, 1800 r/min, 3000 r/min and 3600 r/min (identical national adoption of ISO 20816-2:2017)

BSR ASA S2.81-201x/Part 11/ISO 21940-11-201x, Mechanical vibration - Rotor balancing - Part 11: Procedures and tolerances for rotors with rigid behavior (identical national adoption of ISO 21940-11:2017)

BSR ASA S2.81-201x/Part 12/ISO 21940-12-201x, Mechanical vibration - Rotor balancing - Part 12: Procedures and tolerances for rotors with flexible behavior (identical national adoption of ISO 21940-12:2016)

BSR ASA S2.81-201x/Part 2 /ISO 21940-2-201x, Mechanical vibration - Rotor balancing - Part 2: Vocabulary (identical national adoption of ISO 21940-2:2017)

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

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

Contact: Lauren Bauerschmidt

Phone: (847) 768-3475

Fax: (847) 768-3475

E-mail: lbauerschmidt@asse.org

BSR ASSE A10.21-201x, Safety Requirements for Safe Construction and Demolition of Wind Generation / Turbine Facilities (new standard)

BSR ASSE A10.35-201X, Standard - Safe Pressure Testing of Steel and Copper Piping Systems Used in Construction and Demolition Operations (new standard)

AWEA (American Wind Energy Association)

Office: 1501 M St., NW, Suite 900
Washington, DC 20005

Contact: Sabrina Morelli

Phone: (202) 383-2500

E-mail: smorelli@awea.org

BSR/AWEA OCRP-1-201x, AWEA Offshore Compliance Recommended Practices (OCRP), Edition 2 (new standard)

BSR/AWEA OCRP-2-201x, AWEA U.S. Floating Wind Systems Recommended Practices (new standard)

BSR/AWEA OCRP-3-201x, AWEA U.S. Offshore Wind Metocean Conditions Characterization Recommended Practices (new standard)

BSR/AWEA OCRP-4-201x, AWEA U.S. Recommended Practices for Geotechnical and Geophysical Investigations and Design (new standard)

BSR/AWEA OCRP-5-201x, AWEA Recommended Practices for Submarine Cables (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 708-E-2013 (R201x), Digital Television (DTV) Closed Captioning (reaffirmation of ANSI/CEA 708-E-2013)

BSR/CTA 2045.2 Amendment 1-201x, MCI for Generic Display Message Set (addenda to ANSI/CTA 2045.2-2014)

IES (Illuminating Engineering Society)

Office: 120 Wall St. 17th Floor
New York, NY 10005

Contact: *Patricia McGillicuddy*

Phone: (917) 913-0027

E-mail: pmcgillicuddy@ies.org

BSR/IES LM-47-201x, Approved Method: Life Testing of High Intensity Discharge (HID) Lamps (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)

BSR C29.19-201x, Composite Insulators - Station Post Type (new standard)

NEMA (ASC C50) (National Electrical Manufacturers Association)

Office: 1300 N 17th St, Suite 900
Rosslyn, VA 22209

Contact: *Mike Leibowitz*

Phone: (703) 841-3264

Fax: (703) 841-3364

E-mail: mike.leibowitz@nema.org

BSR NEMA MG 1-201x, Motors and Generators (revision of ANSI NEMA MG-1-2012)

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 6-201x (i13r2), Dispensing Freezers (revision of ANSI/NSF 6-2016)

BSR/NSF 61-201x (i140r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2017)

BSR/NSF 358-4-201x (i1r3), Polyethylene of Raised Temperature (PE-RT) Tubing and Fittings for Water-Based Ground-Source (Geothermal) Heat Pump Systems (new standard)

Call for Members (ANS Consensus Bodies)

Request for Members

ASC B3 and U.S. TAG to ISO TC 4 – Rolling Bearings

The American Bearing Manufacturers Association, as sponsor of ASC B3 and the U.S. TAG to ISO TC 4 – Rolling bearings, is seeking users of bearings to serve on these two committees.

ASC B3 is the ANSI-accredited committee for American National Standards in the field of rolling bearings. The U.S. TAG to ISO TC 4 develops U.S. positions on ISO rolling bearing standards and associated TC 4 administrative issues. We need additional members who can bring the bearing user's perspective to this work. Each of these committees conducts its business electronically so there is minimal time required.

For more information, please contact Jim Converse, ABMA Technical Director, at jconverse1@nc.rr.com.

Call for Members (ANS Consensus Bodies)

Call for Participation

AAMI Technical Committees

AAMI is currently seeking general interest participants and users to participate on the following technical committees:

- Software
- Software Defect Classification

AAMI defines a user as someone who in the context of his/her profession purchases or uses materials, products, systems, or services covered in the scope of the document(s) developed by the committee. AAMI defines a general interest participant as someone who has a general material interest in the work of the committee but who don't fit into the user, industry, or regulator categories.

If you are interested in joining or getting more information about the work of any of these groups, please contact Wil Vargas (wvargas@aami.org).

Call for Members (ANS Consensus Bodies)

Call for Committee Members

ASC O1 – Safety Requirements for Woodworking Machinery

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

- General Interest
- Government
- Producer
- User

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

Final Actions on American National Standards

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

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

ANSI/AAMI/ISO 11737-1-2018, AAMI/ISO CDV-3 11737-1, Sterilization of health care products - Microbiological methods - Part 1: Determination of a population of microorganisms on product (identical national adoption of ISO 11737-1 (in development) and revision of ANSI/AAMI/ISO 11737-1-2006 (R2011)): 1/24/2018

ABYC (American Boat and Yacht Council)

New Standard

- * ANSI/ABYC EDU-4-2018, On-Water Instruction Standard (new standard): 1/24/2018

ACCA (Air Conditioning Contractors of America)

Revision

ANSI/ACCA 12 QH-2018, Home Evaluation and Performance Improvement (revision of ANSI/ACCA 12 QH-2014): 1/26/2018

AMCA (Air Movement and Control Association)

New Standard

- * ANSI/AMCA 208-2018, Calculation of Fan Energy Index (new standard): 1/24/2018

API (American Petroleum Institute)

Reaffirmation

ANSI/API Standard RP 755-2010 (R2018), Fatigue Risk Management Systems for Personnel in the Refining and Petrochemical Industries (reaffirmation of ANSI/API Standard RP 755-2010): 1/24/2018

ASABE (American Society of Agricultural and Biological Engineers)

Reaffirmation

ANSI/ASAE S448.2-2014 (R2018), Thin-Layer Drying of Agricultural Crops (reaffirmation of ANSI/ASAE S448.2-2014): 1/24/2018

ASME (American Society of Mechanical Engineers)

Withdrawal

ANSI/ASME B30.11-2010, Monorails and Underhung Cranes (withdrawal of ANSI/ASME B30.11-2010): 1/24/2018

ASTM (ASTM International)

New Standard

ANSI/ASTM E0927-2018, Specification for Solar Simulation for Photovoltaic Testing (new standard): 1/23/2018
 ANSI/ASTM E0948-2018, Test Method for Electrical Performance of Photovoltaic Cells Using Reference Cells Under Simulated Sunlight (new standard): 1/23/2018
 ANSI/ASTM E0973-2018, Test Method for Determination of the Spectral Mismatch Parameter between a Photovoltaic Device and a Photovoltaic Reference Cell (new standard): 1/23/2018

ANSI/ASTM E1021-2018, Test Method for Spectral Responsivity Measurements of Photovoltaic Devices (new standard): 1/23/2018

ANSI/ASTM E1036-2018, Test Methods for Electrical Performance of Nonconcentrator Terrestrial Photovoltaic Modules and Arrays Using Reference Cells (new standard): 1/23/2018

ANSI/ASTM E1040-2018, Specification for Physical Characteristics of Nonconcentrator Terrestrial Photovoltaic Reference Cells (new standard): 1/23/2018

ANSI/ASTM E1125-2018, Test Method for Calibration of Primary Non-Concentrator Terrestrial Photovoltaic Reference Cells Using a Tabular Spectrum (new standard): 1/23/2018

ANSI/ASTM E1143-2018, Test Method for Determining the Linearity of a Photovoltaic Device Parameter with Respect to a Test Parameter (new standard): 1/23/2018

ANSI/ASTM E1171-2018, Test Methods for Photovoltaic Modules in Cyclic Temperature and Humidity Environments (new standard): 1/23/2018

ANSI/ASTM E1362-2018, Test Methods for Calibration of Non-Concentrator Photovoltaic Non-Primary Reference Cells (new standard): 1/23/2018

ANSI/ASTM E1462-2018, Test Methods for Insulation Integrity and Ground Path Continuity of Photovoltaic Modules (new standard): 1/23/2018

ANSI/ASTM E1597-2018, Test Method for Saltwater Pressure Immersion and Temperature Testing of Photovoltaic Modules for Marine Environments (new standard): 1/23/2018

ANSI/ASTM E1799-2018, Practice for Visual Inspections of Photovoltaic Modules (new standard): 1/23/2018

ANSI/ASTM E1802-2018, Test Methods for Wet Insulation Integrity Testing of Photovoltaic Modules (new standard): 1/23/2018

ANSI/ASTM E2047-2018, Test Method for Wet Insulation Integrity Testing of Photovoltaic Arrays (new standard): 1/23/2018

ANSI/ASTM E2236-2018, Test Methods for Measurement of Electrical Performance and Spectral Response of Nonconcentrator Multijunction Photovoltaic Cells and Modules (new standard): 1/23/2018

ANSI/ASTM E2481-2018, Test Method for Hot Spot Protection Testing of Photovoltaic Modules (new standard): 1/23/2018

ANSI/ASTM E2527-2018, Test Method for Electrical Performance of Concentrator Terrestrial Photovoltaic Modules and Systems Under Natural Sunlight (new standard): 1/23/2018

ANSI/ASTM E2685-2018, Specification for Steel Blades Used with the Photovoltaic Module Surface Cut Test (new standard): 1/23/2018

ANSI/ASTM E2766-2018, Practice for Installation of Roof Mounted Photovoltaic Arrays on Steep-Slope Roofs (new standard): 1/23/2018

ANSI/ASTM E2848-2018, Test Method for Reporting Photovoltaic Non-Concentrator System Performance (new standard): 1/23/2018

ANSI/ASTM E2908-2018, Guide for Fire Prevention for Photovoltaic Panels, Modules, and Systems (new standard): 1/23/2018

ANSI/ASTM E2939-2018, Practice for Determining Reporting Conditions and Expected Capacity for Photovoltaic Non-Concentrator Systems (new standard): 1/23/2018

ANSI/ASTM E3006-2018, Practice for Ultraviolet Conditioning of Photovoltaic Modules or Mini-Modules Using a Fluorescent Ultraviolet (UV) Lamp Apparatus (new standard): 1/23/2018

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

ANSI ATIS 0100036-2013 (R2018), Media Plane Performance Security Impairments for Evolving VoIP/Multimedia Networks (reaffirmation of ANSI ATIS 0100036-2013): 1/24/2018

ANSI ATIS 0900101-2013 (R2018), Synchronization Interface Standard (reaffirmation of ANSI ATIS 0900101-2013): 1/24/2018

ANSI ATIS 0900105.03-2013 (R2018), Synchronous Optical Network (SONET) - Jitter at Network Interfaces (reaffirmation of ANSI ATIS 0900105.03-2013): 1/24/2018

ANSI ATIS 0900105.09-2013 (R2018), Synchronous Optical Network (SONET) - Network Timing and Synchronization (reaffirmation of ANSI ATIS 0900105.09-2013): 1/24/2018

ANSI ATIS 1000025-2013 (R2018), User to Network Interface (UNI) Standard for Signaling and Control Security Requirements for Evolving VoP/Multimedia Networks (reaffirmation of ANSI ATIS 1000025-2013): 1/24/2018

ANSI/ATIS 0100037-2013 (R2018), Impact Weighted MTBF - A Metric for Assessing Reliability of Hierarchical Systems (reaffirmation of ANSI/ATIS 0100037-2013): 1/24/2018

ANSI/ATIS 1000055-2013 (R2018), Emergency Telecommunications Service (ETS): Core Network Security Requirements (reaffirmation of ANSI/ATIS 1000055-2013): 1/24/2018

Revision

ANSI/ATIS 0600315-2018, Voltage Levels for DC-Powered Equipment Used in the Telecommunications Environment (revision of ANSI ATIS 0600315-2013): 1/24/2018

ANSI/ATIS 0600328-2018, Protection of Telecommunications Links from Physical Stress and Radiation Effects and Associated Requirements for DC Power Systems (A Baseline Standard) (revision of ANSI ATIS 0600328-2012): 1/24/2018

ANSI/ATIS 0600330-2018, Valve-Regulated Lead-Acid Batteries Used in the Telecommunications Environment (revision of ANSI ATIS 0600330-2013): 1/24/2018

Stabilized Maintenance

ANSI/ATIS 0600317-1993 (S2018), Uniform Language for Accessing Power Plants - Human-Machine Language (stabilized maintenance of ANSI ATIS 0600317-1993 (R2013)): 1/24/2018

Withdrawal

ANSI ATIS 1000023-2013, ETS Network Element Requirements for A NGN IMS Based Deployments (withdrawal of ANSI ATIS 1000023-2013): 1/24/2018

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

ANSI/AWWA C222-2018, Polyurethane Coatings and Linings for Steel Water Pipe and Fittings (revision, redesignation and consolidation of ANSI/AWWA C222-2008 and ANSI/AWWA C222a-2009): 1/24/2018

CSA (CSA Group)**Revision**

* ANSI/CSA LC1-2018, Fuel Gas Piping Systems Using Corrugated Stainless Steel Tubing (same as CSA 6.26) (revision of ANSI/CSA LC 1-2016): 1/24/2018

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

ANSI/EIA 261-C-2018, Rectangular Waveguides (WR2 to WR2300) (new standard): 1/24/2018

Revision

ANSI/EIA 364-78C-2018, Cavity Leakage Bonding Integrity Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA-364-78B-2010): 1/24/2018

HPS (ASC N13) (Health Physics Society)**Reaffirmation**

ANSI N13.41-2011 (R2018), Criteria for Performing Multiple Dosimetry (reaffirmation of ANSI N13.41-2011): 1/24/2018

IAPMO (ASSE Chapter) (ASSE International Chapter of IAPMO)**Revision**

ANSI/ASSE 1024-2017, Performance Requirements for Dual Check Backflow Preventers (revision of ANSI/ASSE 1024-2004): 1/24/2018

ITI (INCITS) (InterNational Committee for Information Technology Standards)**Stabilized Maintenance**

INCITS 162-1988/Cor 1-1995 [S2017], Information Systems - Two-Sided, High Density, Unformatted, 5.25 in, 96-tpi, Flexible Disk Cartridge for 13 262 BPR Use - General, Physical and Magnetic Requirements - Technical Corrigendum 1 (stabilized maintenance of INCITS 162-1988 [S2009]): 12/29/2017

NCPDP (National Council for Prescription Drug Programs)**New Standard**

ANSI/NCPDP Specialty Pharmacy Reporting v10-2018, NCPDP Specialty Pharmacy Data Reporting Standard v10 (new standard): 1/24/2018

Revision

ANSI/NCPDP MR v07.02-2018, NCPDP Manufacturer Rebate Utilization, Plan, Formulary, Market Basket, and Reconciliation Flat File Standard v07.02-201x (revision and redesignation of ANSI/NCPDP MR v07.01-2014): 1/24/2018

NEBB (National Environmental Balancing Bureau)**New Standard**

ANSI/NEBB S110-2018, Whole Building Technical Commissioning of New Construction Standard (new standard): 1/26/2018

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

ANSI C78.1420-2001 (S2018), Standard for Electric Lamps - Microfilm Projection Lamps Two-Inch (51mm) Dichroic Coated Integral Reflector, Rim Reference, Tungsten Halogen Lamps with GX5.3 Bases (stabilized maintenance of ANSI C78.1420-2001 (R2011)): 1/24/2018

Withdrawal

ANSI C78.379a-1997 (R2011), Standard for Electric Lamps: MR and PAR Beam Designation and Tolerance (withdrawal of ANSI C78.379a-1997 (R2011)): 1/24/2018

NFPA (National Fire Protection Association)**New Standard**

ANSI/NFPA 1858-2018, Standard on Selection, Care, and Maintenance of Life Safety Rope and Equipment for Emergency Services (new standard): 11/30/2017

Revision

ANSI/NFPA 12-2018, Standard on Carbon Dioxide Extinguishing Systems (revision of ANSI/NFPA 12-2014): 11/30/2017

ANSI/NFPA 12A-2018, Standard on Halon 1301 Fire Extinguishing Systems (revision of ANSI/NFPA 12A-2014): 11/30/2017

ANSI/NFPA 22-2018, Standard for Water Tanks for Private Fire Protection (revision of ANSI/NFPA 22-2012): 11/30/2017

ANSI/NFPA 33-2018, Standard for Spray Application Using Flammable or Combustible Materials (revision of ANSI/NFPA 33-2015): 11/30/2017

ANSI/NFPA 34-2018, Standard for Dipping, Coating, and Printing Processes Using Flammable or Combustible Liquids (revision of ANSI/NFPA 34-2014): 11/30/2017

ANSI/NFPA 68-2018, Standard on Explosion Protection by Deflagration Venting (revision of ANSI/NFPA 68-2012): 11/30/2017

ANSI/NFPA 79-2018, Electrical Standard for Industrial Machinery (revision of ANSI/NFPA 79-2012): 11/30/2017

ANSI/NFPA 92-2018, Standard for Smoke Control Systems (revision of ANSI/NFPA 92-2014): 11/30/2017

ANSI/NFPA 204-2018, Standard for Smoke and Heat Venting (revision of ANSI/NFPA 204-2014): 11/30/2017

ANSI/NFPA 259-2018, Standard Test Method for Potential Heat of Building Materials (revision of ANSI/NFPA 259-2012): 11/30/2017

ANSI/NFPA 261-2018, Standard Method of Test for Determining Resistance of Mock-Up Upholstered Furniture Material Assemblies to Ignition by Smoldering Cigarettes (revision of ANSI/NFPA 261-2012): 11/30/2017

ANSI/NFPA 270-2018, Standard Test Method for Measurement of Smoke Obscuration Using a Conical Radiant Source in a Single Closed Chamber (revision of ANSI/NFPA 270-2012): 11/30/2017

ANSI/NFPA 274-2018, Standard Test Method to Evaluate Fire Performance Characteristics of Pipe Insulation (revision of ANSI/NFPA 274-2012): 11/30/2017

ANSI/NFPA 495-2018, Explosive Materials Code (revision of ANSI/NFPA 495-2012): 11/30/2017

ANSI/NFPA 498-2018, Standard for Safe Havens and Interchange Lots for Vehicles Transporting Explosives (revision of ANSI/NFPA 498-2012): 11/30/2017

ANSI/NFPA 705-2018, Recommended Practice for a Field Flame Test for Textiles and Films (revision of ANSI/NFPA 705-2012): 11/30/2017

ANSI/NFPA 1026-2018, Standard for Incident Management Personnel Professional Qualifications (revision of ANSI/NFPA 1026-2013): 11/30/2017

ANSI/NFPA 1061-2018, Standard for Professional Qualifications for Public Safety Telecommunications Personnel (revision of ANSI/NFPA 1061-2013): 11/30/2017

ANSI/NFPA 1081-2018, Standard for Industrial Fire Brigade Member Professional Qualifications (revision of ANSI/NFPA 1081-2011): 11/30/2017

ANSI/NFPA 1404-2018, Standard for Fire Service Respiratory Protection Training (revision of ANSI/NFPA 1404-2012): 11/30/2017

ANSI/NFPA 1451-2018, Standard for a Fire and Emergency Service Vehicle Operations Training Program (revision of ANSI/NFPA 1451-2012): 11/30/2017

ANSI/NFPA 1855-2018, Standard on Selection, Care, and Maintenance of Protective Ensembles for Technical Rescue Incidents (revision of ANSI/NFPA 1855-2012): 11/30/2017

ANSI/NFPA 1925-2018, Standard on Marine Fire-Fighting Vessels (revision of ANSI/NFPA 1925-2012): 11/30/2017

ANSI/NFPA 1962-2018, Standard for the Care, Use, Inspection, Service Testing, and Replacement of Fire Hose, Couplings, Nozzles, and Fire Hose Appliances (revision of ANSI/NFPA 1962-2008): 11/30/2017

ANSI/NFPA 1964-2018, Standard for Spray Nozzles (revision of ANSI/NFPA 1964-2012): 11/30/2017

ANSI/NFPA 2001-2018, Standard on Clean Agent Fire Extinguishing Systems (revision of ANSI/NFPA 2001-2014): 11/30/2017

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

* ANSI/RESNET/ICC 301-2018 Addendum E-2018, Index Adjustment Factors (addenda to ANSI/RESNET/ICC 301-2014): 1/24/2018

SCTE (Society of Cable Telecommunications Engineers)**New Standard**

ANSI/SCTE 129-2017, Drop Passives: Bonding Blocks (Without Surge Protection) (new standard): 1/26/2018

Revision

ANSI/SCTE 109-2016, Test Procedure for Common Path Distortion (CPD) (revision of ANSI/SCTE 109-2010): 1/24/2018

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

ANSI/UL 1008S-2012 (R2018), Standard for Safety for Solid-State Transfer Switches (reaffirmation of ANSI/UL 1008S-2012): 1/19/2018

Revision

ANSI/UL 44-2018, Standard for Safety for Thermoset-Insulated Wires and Cables (Proposal dated 7-1-16) (revision of ANSI/UL 44-2014): 1/9/2018

ANSI/UL 44-2018a, Standard for Safety for Thermoset-Insulated Wires and Cables (Proposals dated 2/3/17) (revision of ANSI/UL 44-2014): 1/9/2018

ANSI/UL 44-2018b, Standard for Safety for Thermoset-Insulated Wires and Cables (Proposals dated 8/25/17) (revision of ANSI/UL 44-2014): 1/9/2018

ANSI/UL 486C-2018, Standard for Safety for Splicing Wire Connectors (revision of ANSI/UL 486C-2016): 1/26/2018

ANSI/UL 746B-2018, Standard for Safety for Polymeric Materials - Long Term Property Evaluations (revision of ANSI/UL 746B-2016): 1/25/2018

ANSI/UL 746B-2018a, Standard for Safety for Polymeric Materials - Long Term Property Evaluations (revision of ANSI/UL 746B-2017): 1/25/2018

ANSI/UL 1691-2018, Standard for Safety for Single Pole Locking-Type Separable Connectors (revision of ANSI/UL 1691-2014): 1/26/2018

* ANSI/UL 2442-2018, Standard for Safety for Wall- and Ceiling-Mounts and Accessories (revision of ANSI/UL 2442-2014): 1/19/2018

* ANSI/UL 2442-2018a, Standard for Safety for Wall- and Ceiling-Mounts and Accessories (revision of ANSI/UL 2442-2014): 1/19/2018

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.

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BSR/API RP 2TOP/ISO 19901-3-201x, Petroleum and natural gas industries - Specific requirements for offshore structures - Part 3: Topsides structure (national adoption with modifications of ISO 19901-3:2010)

Stakeholders: Oil and gas operating companies.

Project Need: Update applicable content for improved design practices and U.S. offshore waters considerations.

The actions on (structural components of) the topsides structure are derived from this document and where necessary, in combination with API, other International Standards and the ISO 19900 series. The resistances of structural components of the topsides structure are determined by the use of international or national building codes, as specified in this document. If the topsides structure is integrated with the supporting substructure to help resist global platform forces, the requirements of API 2TOP are supplemented with applicable requirements of the associated substructure such as API 2A-LRFD for fixed steel structures and API 2FPS for floating structures. This document is applicable to: (1) topsides of fixed offshore structures, and (2) topsides on the hulls of floating offshore structures and mobile offshore units as long as interface displacements and internal forces associated with the hull or substructure are correctly accounted for in the analysis.

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BSR ASA S2.80-201x/Part 1/ISO 20816-1-201x, Mechanical vibration - Measurement and evaluation of machine vibration - Part 1: General guidelines (identical national adoption of ISO 20816-1:2016)

Stakeholders: Electric power generation industry, suppliers of turbines and generators over 40 MW, and possibly insurance companies.

Project Need: Currently, there is no national standard covering vibrations of turbines and generators >40 MW forcing individual organizations to develop their own. There is no standard basis for setting vibration alarms and trips other than previous experience or manufacturers' recommendations. In addition to providing guidelines for acceptable vibration and setting alarms and trips, also encourages vibration acceptance testing and agreements on specific limits between the supplier and user. A national standard is needed to serve as a basis for such negotiations.

Establishes general conditions and procedures for measurement and evaluation of vibration using measurements made on rotating, non-rotating, and non-reciprocating parts of complete machines. It is applicable to measurements of both absolute and relative radial shaft vibration with regard to monitoring of radial clearances, but excludes axial shaft vibration. General evaluation criteria, which are presented in terms of both vibration magnitude and change of vibration, relate to both operational monitoring and acceptance testing. They have been provided primarily with regard to securing reliable, safe, long-term operation of the machine while minimizing adverse effects on associated equipment. Guidelines are also presented for setting operational limits.

BSR ASA S2.80-201x/Part 2/ISO 20816-2-201x, Mechanical vibration - Measurement and evaluation of machine vibration - Part 2: Land-based gas turbines, steam turbines and generators in excess of 40 MW, with fluid-film bearings and rated speeds of 1500 r/min, 1800 r/min, 3000 r/min and 3600 r/min (identical national adoption of ISO 20816-2:2017)

Stakeholders: Electric power generation industry, suppliers of turbines and generators over 40 MW, and possibly insurance companies.

Project Need: Currently, there is no national standard covering vibrations of turbines and generators >40 MW, forcing individual organizations to develop their own. There is no standard basis for setting vibration alarms and trips other than previous experience or manufacturers' recommendations. In addition to providing guidelines for acceptable vibration and setting alarms and trips, also encourages vibration acceptance testing and agreements on specific limits between the supplier and user. A national standard is needed to serve as a basis for such negotiations.

Applicable to land-based gas turbines, steam turbines and generators (whether coupled with gas and/or steam turbines) with power outputs greater than 40 MW, fluid-film bearings and rated speeds of 1500 r/min, 1800 r/min, 3000 r/min, or 3600 r/min. Criteria provided can be applied to the vibration of the gas turbine, steam turbine and generator (including synchronizing clutches). Establishes provisions for evaluating severity of the following in-situ, broadband vibration: structural vibration at all main bearing housings or pedestals measured radial (i.e., transverse) to the shaft axis; structural vibration at thrust bearing housings measured in the axial direction; vibration of rotating shafts radial (i.e., transverse) to the shaft axis at, or close to, the main bearings.

BSR ASA S2.81-201x/Part 11/ISO 21940-11-201x, Mechanical vibration - Rotor balancing - Part 11: Procedures and tolerances for rotors with rigid behavior (identical national adoption of ISO 21940-11:2017)

Stakeholders: All industries that manufacture and use rotating machinery, such as automotive, electric power generation, petrochemical, construction, paper, etc.

Project Need: Currently, there are no national standards covering balancing of rotating machinery. Each industry has their own. While this document is not intended to replace established industry standards, like API, it will serve as a guideline for applications where no guidance is available and help avoid unrealistic demands and expectations.

Establishes procedures and unbalance tolerances for balancing rotors with rigid behavior. It specifies the magnitude of the permissible residual unbalance, the necessary number of correction planes, the allocation of the permissible residual unbalance to the tolerance planes, and how to account for errors in the balancing process. BSR/ASA S2.81-201x/Part 14/ISO 21940-14 considers the assessment of balancing errors in detail. Fundamentals of rotor balancing are contained in ISO 19499 which gives an introduction to balancing. This document does not cover the balancing of rotors with flexible behavior. Procedures and tolerances for rotors with flexible behavior are dealt with in BSR/ASA S2.81-201x/Part 12/ISO 21940-12.

BSR ASA S2.81-201x/Part 12/ISO 21940-12-201x, Mechanical vibration - Rotor balancing - Part 12: Procedures and tolerances for rotors with flexible behavior (identical national adoption of ISO 21940-12:2016)

Stakeholders: Electric power generation, petrochemical, paper, and their suppliers.

Project Need: Currently, there are no national standards covering balancing of rotating machinery. Each industry has its own. Covers balancing of rotors with flexible behavior and very limited information is available in the industry standards. This part has two different types of acceptance criteria: Residual vibration and residual modal unbalance. The latter has many advantages but it is not covered in any of the industry standards.

Presents typical configurations of rotors with flexible behavior in accordance with their characteristics and balancing requirements, describes balancing procedures, specifies methods of assessment of the final state of balance, and establishes guidelines for balance quality criteria. Can also serve as a basis for more involved investigations, e. g., when a more exact determination of the required balance quality is necessary. If due regard is paid to the specified methods of manufacture and balance tolerances, satisfactory running conditions can be expected. Not intended to serve as an acceptance specification for any rotor, but rather to give indications of how to avoid gross deficiencies and unnecessarily restrictive requirements.

BSR ASA S2.81-201x/Part 2 /ISO 21940-2-201x, Mechanical vibration - Rotor balancing - Part 2: Vocabulary (identical national adoption of ISO 21940-2:2017)

Stakeholders: All industries that manufacture and use rotating machinery such as automotive, electric power generation, petrochemical, construction, paper, etc., and their suppliers.

Project Need: Currently, there are no national standards covering balancing of rotating machinery. Each industry has their own.

Defines terms on balancing. It complements ANSI/ASA S2.1/ISO 2041, which is a general vocabulary on mechanical vibration and shock.

ASABE (American Society of Agricultural and Biological Engineers)

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BSR/ASABE S648-1 MONYEAR-201x, Agricultural Field Equipment Braking - Part 1: General Requirements (new standard)

Stakeholders: Manufacturers of towing and towed agricultural equipment.

Project Need: Define terms and establish common requirements, minimum performance criteria and performance test procedures that are common to agricultural field equipment.

The purpose of this part of ASABE S648 is to define terms and establish common requirements, minimum performance criteria, and performance test procedures that are common to agricultural field equipment. It will provide normative references, define terms and definitions, and establish general test procedures for the performance of braking systems used on agricultural field equipment (as defined in ANSI/ASAE S390).

BSR/ASABE S648-2 MONYEAR-201x, Agricultural Field Equipment Braking - Part 2: Requirements for Agricultural Tractors (new standard)

Stakeholders: Manufacturers of towing and towed agricultural equipment.

Project Need: Establish specific requirements, minimum performance criteria, and performance test procedures that are common to agricultural tractors when used in conjunction with proposed ASABE S648.1.

Standard will provide minimum requirements and normative references, define terms and definitions, and establish general test procedures for the performance of braking systems used on agricultural field equipment (as defined in ASABE S390.6). It will establish test procedures and performance requirements for braking of agricultural tractors. The requirements and minimum performance criteria are directed to operation and parking of agricultural equipment having a maximum design speed greater than 6 km/h (3.7 m/h).

BSR/ASABE S648-3 MONYEAR-201x, Agricultural Field Equipment Braking - Part 3: Requirements for Self-Propelled and Special Self-Propelled Equipment (new standard)

Stakeholders: Manufacturers of towing and towed agricultural equipment.

Project Need: Establish specific requirements, minimum performance criteria, and performance test procedures that are common to self-propelled and special self-propelled agricultural equipment when used in conjunction with proposed ASABE S648.1.

Will provide minimum requirements and normative references, define terms and definitions, and establish general test procedures for the performance of braking systems used on agricultural field equipment (as defined in ASABE S390.6). Establishes test procedures and performance requirements for braking on self-propelled and special self-propelled agricultural equipment. The requirements and minimum performance criteria are directed to operation and parking of agricultural equipment having a maximum design speed greater than 6 km/h (3.7 m/h).

BSR/ASABE S648-4 MONYEAR-201x, Agricultural Field Equipment Braking - Part 4: Requirements for Towed Equipment (new standard)

Stakeholders: Manufacturers of towing and towed agricultural equipment.

Project Need: Define the minimum stopping requirements related to the braking of towed agricultural field equipment referred to as towed vehicles when used in conjunction with proposed ASABE S648-1.

It will provide normative references, define terms and definitions, and establish general test procedures for the performance of braking systems used on agricultural field equipment (as defined in ANSI/ASAE S390). Provides normative references and establishes the minimum stopping requirements related to braking of towed vehicles. These requirements and minimum performance criteria are directed to the operation and parking of towed vehicles having a maximum design speed greater than 6 km/h (3.7 mile/h).

BSR/ASABE S648-5 MONYEAR-201x, Agricultural Field Equipment Braking - Part 5: Requirements for the Interface between Towing Equipment and Towed Equipment (new standard)

Stakeholders: Manufacturers of towing and towed agricultural equipment.

Project Need: When used in conjunction with proposed ASABE S648 -1, defines the requirements for interfacing service and parking brakes on towing equipment with service and parking brakes on towed equipment.

Provides minimum requirements and normative references, defines terms and definitions, and establishes general test procedures for the performance of braking systems used on agricultural field equipment (as defined in ASABE S390.6). Establishes the minimum requirements for interfacing service and parking brakes on towing agricultural field equipment with the service and parking brakes on towed agricultural field equipment. Applicable to dual-line hydraulic and pneumatic systems, but does not preclude the use of other systems. These requirements and minimum performance criteria are directed to the operation and parking of agricultural field equipment having a maximum design speed greater than 6 km/h (3.7 mile/h).

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- * BSR ASSE A10.35-201X, Standard - Safe Pressure Testing of Steel and Copper Piping Systems Used in Construction and Demolition Operations (new standard)

Stakeholders: Occupational safety and health professionals working with construction and demolition operations and stakeholders working on the testing of steel and copper piping systems.

Project Need: Based upon the consensus of the ANSI/ASSE A10 ASC membership and insight from stakeholders working with these issues.

This standard establishes the elements and activities for the safe pressure testing of steel and copper piping systems.

ASTM (ASTM International)

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BSR/ASTM WK61767-201x, New Test Method for Measurement of Impurities in Graphite by Electrothermal Vaporization Inductively Coupled Plasma Optical Emission Spectrometry (ETV-ICP OES) (new standard)

Stakeholders: Manufactured Carbon and Graphite Products industry.

Project Need: This test method covers the measurement of mass fractions of the elements Ag, Al, As, B, Ba, Be, Bi, Ca, Cd, Co, Cr, Cu, Fe, K, Li, Mg, Mn, Mo, Na, Ni, P, Pb, S, Sb, Si, Sn, Sr, Ti, V, W, Y, Zn, Zr in graphite.

This test method has been prepared under Work Item 15812 and provides a test method for elemental analysis of powdered and solid graphite material.

BSR/ASTM WK61891-201x, New Practice for Standard Practice for the One-Step (Solvent Cement) Method of Joining Poly(Vinyl Chloride) (PVC) or Chlorinated Poly(Vinyl Chloride) (CPVC) Pipe and Piping Components with Tapered Sockets (new standard)

Stakeholders: Joining industry.

Project Need: There is no one-step solvent cementing standard and several standards require a one-step solvent cementing process.

To write a one-step solvent cementing practice (no use of primer) to assemble PVC and CPVC piping components.

AWEA (American Wind Energy Association)

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BSR/AWEA OCRP-1-201x, AWEA Offshore Compliance Recommended Practices (OCRCP), Edition 2 (new standard)

Stakeholders: Offshore wind energy stakeholders, operators, owners, developers, OEMs, contractors, subcontractors, independent service providers, and all other impacted stakeholders.

Project Need: AWEA intends to develop Offshore Compliance Recommended Practices (OCRCP), Edition 2.

This is an update to the AWEA OCRP 2012 recommended practice (RP) and will focus on offshore wind energy systems that extract kinetic energy from wind, transmits the electricity to shore-based grids, and/or store that energy using facilities or devices located offshore or on land. The scope includes all wind energy systems that may potentially be installed in state and federal waters in the continental United States, Hawaii, and Alaska, including inland bodies of water such as the Great Lakes. The scope shall include any wind energy system installed in salt or fresh water with a rotor swept area greater than 200 m². The scope shall also include the design, manufacturing, installation, commissioning, operation and service, decommissioning, and re-powering within the project development cycle of the facility. The equipment covered in the scope shall include rotor-nacelle assemblies, towers, substructures, foundations, electrical service platforms, inter-array and export cables (by reference to WG5), measurement and monitoring equipment, and any other permanently installed auxiliary platforms or equipment.

BSR/AWEA OCRP-2-201x, AWEA U.S. Floating Wind Systems Recommended Practices (new standard)

Stakeholders: Offshore wind energy stakeholders, operators, owners, developers, OEMs, contractors, subcontractors, independent service providers, and all other impacted stakeholders.

Project Need: AWEA intends to develop U.S. Floating Wind Systems Recommended Practices.

The scope of the recommended practice shall address the unique aspects of unmanned floating offshore wind turbine technologies in U. S. state and federal waters throughout the life of the installation including design, fabrication, construction, installation, commissioning, operation, and decommissioning.

BSR/AWEA OCRP-3-201x, AWEA U.S. Offshore Wind Metocean Conditions Characterization Recommended Practices (new standard)

Stakeholders: Offshore wind energy stakeholders, operators, owners, developers, OEMs, contractors, subcontractors, independent service providers, and all other impacted stakeholders.

Project Need: AWEA intends to develop U.S. Offshore Wind Metocean Conditions Characterization Recommended Practices.

The recommended practices shall address atmospheric and marine/lacustrine conditions including the following:

- Water-level fluctuations: Historical and seasonal levels, tides, storm surges, seiches, and tsunamis;
- Wind conditions: Wind speed and direction, turbulence, shear, and veer;
- Sea states: Waves, swells, currents, and associated spectra;
- Atmospheric parameters including temperature, precipitation, icing, and other meteorological conditions;
- Physical water parameters including temperature, hardness/alkalinity, salinity, stratification, density driven currents, internal waves, turbidity, and other conditions;
- Bathymetry; and
- Lake and sea ice characterization.

BSR/AWEA OCRP-4-201x, AWEA U.S. Recommended Practices for Geotechnical and Geophysical Investigations and Design (new standard)

Stakeholders: Offshore wind energy stakeholders, operators, owners, developers, OEMs, contractors, subcontractors, independent service providers, and all other impacted stakeholders.

Project Need: AWEA intends to develop U.S. Recommended Practices for Geotechnical and Geophysical Investigations and Design.

The recommended practices will focus on:

- Offshore wind facilities that may potentially be installed in U.S. state and federal waters in the continental United States, Hawaii, and Alaska, including inland bodies of water such as the Great Lakes;
- Fresh and salt water at any water depth;
- All wind turbine generating (WTG) substructures and foundations in contact with the sea floor;
- All offshore substations, meteorological towers, and other offshore wind components in contact with the sea floor;
- Fixed bottom and floating structure associated with offshore wind components; and
- All phases of project life: Planning, designing, constructing, operating, decommissioning and re-powering.

BSR/AWEA OCRP-5-201x, AWEA Recommended Practices for Submarine Cables (new standard)

Stakeholders: Offshore wind energy stakeholders, operators, owners, developers, OEMs, contractors, subcontractors, independent service providers, and all other impacted stakeholders.

Project Need: AWEA intends to develop Recommended Practices for Submarine Cables.

The recommended practice content shall span the submarine cable life cycle from design, material selection, specification, manufacturing, transportation, storage, handling, installation and commissioning, to operations, maintenance, integrity verification, and decommissioning of submarine cable systems.

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BSR/AWS D15.3/D15.3M-201x, Specification for Resistance Welding for Railroad Applications (new standard)

Stakeholders: Welders, engineers, CWIs, railroad industry, and government.

Project Need: The railroad industry needs a specification that provides the requirements for the resistance welding of railcars, locomotives, and their components.

This specification provides the general resistance welding requirements for railcars, locomotives, and their components. It includes, but is not limited to, resistance spot and resistance seam welding of aluminum, magnesium, iron, nickel, cobalt, and titanium-based alloys. There are requirements for machine and procedure qualification, production witness samples, and inspection and acceptance criteria.

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* BSR/CTA 708-E-2013 (R201x), Digital Television (DTV) Closed Captioning (reaffirmation of ANSI/CEA 708-E-2013)

Stakeholders: Manufacturers, consumers, retailers.

Project Need: Reaffirm ANSI/CTA 708-E.

This standard defines DTV Closed Captioning (DTVCC) and provides specifications and guidelines for caption service providers, distributors of television signals, decoder and encoder manufacturers, DTV receiver manufacturers, and DTV signal processing equipment manufacturers.

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

Office: 5001 East Philadelphia Street
Ontario, CA 91761

Contact: Kyle Thompson

E-mail: kyle.thompson@iapmostandards.org

BSR/IAPMO Z1000-201x, Prefabricated Septic Tanks (revision of ANSI/IAPMO Z1000-2013)

Stakeholders: Manufacturers, users, consumers, regulatory authorities.

Project Need: Revision to update the standard to include advances in manufacturing methods.

This Standard covers prefabricated septic tanks made of concrete, fiber-reinforced polyester (FRP), thermoplastic, or steel; intended for use in residential or commercial sewage disposal systems; and specifies design, material, performance testing, and marking requirements.

BSR/IAPMO Z1001-201x, Prefabricated Gravity Grease Interceptors (revision of ANSI/IAPMO Z1001-2016)

Stakeholders: Manufacturers, users, consumers, regulatory authorities.

Project Need: Revision to update the standard to include advances in manufacturing methods.

This Standard covers prefabricated gravity grease interceptors made of concrete, fiber-reinforced polyester (FRP), thermoplastic, or steel and specifies requirements for design, materials, performance, testing, and markings.

IEEE (ASC N42) (Institute of Electrical and Electronics Engineers)

Office: 445 Hoes Lane
Piscataway, NJ 08854

Contact: Jennifer Santulli

E-mail: J.Santulli@ieee.org

BSR N42.61-201x, Radiation Data Format for Streaming in Real-Time Data from Radiation Detection Instruments to a Smartphone or Tablet (new standard)

Stakeholders: USDHS, and emergency responders (fire departments, police and customs and border patrol members).

Project Need: The goal is to facilitate streaming manufacturer-independent streaming of radiation measurement data in real-time from radiation detection instruments to a smartphone or a tablet in a standard format that can be easily deciphered by any smartphone or tablet.

The standard specifies the radiation data format and its specifications that are used for streaming radiation data in real time from radiation detection instruments to a smartphone or a tablet for use in U.S. Homeland Security applications. The subsequent display, processing, and analysis of the radiation data on the smartphone or the table is outside the scope of this standard.

IES (Illuminating Engineering Society)

Office: 120 Wall St. 17th Floor
New York, NY 10005

Contact: Patricia McGillicuddy

E-mail: pmcgillicuddy@ies.org

BSR/IES LM-47-201x, Approved Method: Life Testing of High Intensity Discharge (HID) Lamps (new standard)

Stakeholders: Lamp designers and manufacturers, test engineers, regulators.

Project Need: The purpose of this work is to review the document for revisions necessary to maintain its usefulness as a measurement standard.

This approved method describes the procedures to be followed and the precautions to be observed in obtaining uniform and reproducible measurements during life testing of high-intensity discharge lamps under standard conditions. This Approved Method includes other technologies within the Metal Halide family including Ceramic Metal Halide and Pulse Start Metal Halide lamps. It addresses life testing of high-intensity discharge lamps operated on auxiliary devices, either external or integrated, designed and certified to meet lamp industry standards and tolerance. Xenon arc lamps, low-pressure sodium lamps, and automotive lamps are not addressed in this IES Approved Method.

NEMA (ASC C29) (National Electrical Manufacturers Association)

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

Contact: Gerard Winstanley

E-mail: Gerard.Winstanley@Nema.org

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

Stakeholders: Utilities, consulting engineers, transmission and distribution, high-voltage insulator manufacturers.

Project Need: To revise the existing standard.

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.

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

Stakeholders: Utilities, consulting engineers, transmission and distribution, high-voltage insulator manufacturers.

Project Need: To revise existing standard.

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.

BSR C29.19-201x, Composite Insulators - Station Post Type (new standard)

Stakeholders: Utilities, consulting engineers, transmission and distribution, high-voltage insulator manufacturers.

Project Need: New standard to fill market need.

This standard covers distribution- and transmission-class composite station post-insulators that are made of a fiberglass-reinforced resin rod core, polymer-material weathersheds, and metal end fittings. The insulators are intended for use in outdoor substation applications. Mechanical and electrical performance levels specified in this standard are requirements for new insulators.

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.

<p>AAFS American Academy of Forensic Sciences 4200 Wisconsin Ave, NW Suite 106-310 Washington, DC 20016 Phone: (719) 453-1036 Web: www.aafs.org</p> <p>AAMI Association for the Advancement of Medical Instrumentation 4301 N Fairfax Drive Suite 301 Arlington, VA 22203-1633 Phone: (703) 253-8274 Fax: (703) 276-0793 Web: www.aami.org</p> <p>ABYC American Boat and Yacht Council 613 Third Street Suite 10 Annapolis, MD 21403 Phone: (410) 990-4460 Fax: (410) 990-4466 Web: www.abycinc.org</p> <p>ACCA Air Conditioning Contractors of America 2800 Shirlington Road Suite 300 Arlington, VA 22206 Phone: (703) 824-8868 Web: www.acca.org</p> <p>AMCA Air Movement and Control Association 30 West University Drive Arlington Heights, IL 60004-1893 Phone: (847) 704-6285 Web: www.amca.org</p> <p>ANS American Nuclear Society 555 North Kensington Avenue La Grange Park, IL 60526 Phone: (708) 579-8268 Fax: (708) 579-8248 Web: www.ans.org</p> <p>API American Petroleum Institute 1220 L Street, NW Washington, DC 20005-4070 Phone: (202) 682-8056 Fax: (202) 682-8051 Web: www.api.org</p> <p>APT (ASC CGATS) The Association for Print Technologies 1899 Preston White Drive Reston, VA 20191 Phone: (703) 264-7200 Web: www.npes.org</p>	<p>ASA (ASC S2) Acoustical Society of America 1305 Walt Whitman Road Suite 300 Melville, NY 11747 Phone: (631) 390-0215 Fax: (631) 923-2875 Web: www.acousticalsociety.org</p> <p>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</p> <p>ASHRAE American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. 1791 Tullie Circle NE Atlanta, GA 30329 Phone: (678) 539-2114 Web: www.ashrae.org</p> <p>ASME American Society of Mechanical Engineers Two Park Avenue New York, NY 10016 Phone: (212) 591-8521 Fax: (212) 591-8501 Web: www.asme.org</p> <p>ASSE (ASC A10) American Society of Safety Engineers 520 N. Northwest Hwy. Park Ridge, IL 60068 Phone: (847) 768-3475 Fax: (847) 768-3475 Web: www.asse.org</p> <p>ASSE (Safety) American Society of Safety Engineers 520 N. Northwest Highway Park Ridge, IL 60068 Phone: (847) 768-3411 Fax: (847) 296-9221 Web: www.asse.org</p> <p>ASTM ASTM International 100 Barr Harbor Drive West Conshohocken, PA 19428-2959 Phone: (610) 832-9744 Fax: (610) 834-3683 Web: www.astm.org</p> <p>ATIS Alliance for Telecommunications Industry Solutions 1200 G Street NW Suite 500 Washington, DC 20005 Phone: (202) 434-8840 Web: www.atis.org</p>	<p>AWEA American Wind Energy Association 1501 M St., NW, Suite 900 Washington, DC 20005 Phone: (202) 383-2500 Web: www.awea.org</p> <p>AWS American Welding Society 8669 NW 36th Street Suite #130 Miami, FL 33166-6672 Phone: (800) 443-9353 Fax: (305) 443-5951 Web: www.aws.org</p> <p>AWWA American Water Works Association 6666 W. Quincy Ave. Denver, CO 80235 Phone: (303) 347-6178 Fax: (303) 795-7603 Web: www.awwa.org</p> <p>CSA CSA Group 8501 East Pleasant Valley Rd. Cleveland, OH 44131 Phone: (216) 524-4990 x88321 Fax: (216) 520-8979 Web: www.csa-america.org</p> <p>CTA Consumer Technology Association 1919 South Eads Street Arlington, VA 22202 Phone: (703) 907-7697 Fax: (703) 907-4197 Web: www.cta.tech</p> <p>ECIA Electronic Components Industry Association 2214 Rock Hill Road Suite 265 Herndon, VA 20170-4212 Phone: (571) 323-0294 Fax: (571) 323-0245 Web: www.ecianow.org</p> <p>HPS (ASC N13) Health Physics Society 1313 Dolley Madison Blvd #402 McLean, VA 22101 Phone: (703) 790-1745 Fax: (703) 790-2672 Web: www.hps.org</p> <p>IAPMO (ASSE Chapter) ASSE International Chapter of IAPMO 18927 Hickory Creek Dr Suite 220 Mokena, IL 60448 Phone: (708) 995-3017 Fax: (708) 479-6139 Web: www.asse-plumbing.org</p>	<p>IAPMO (Z) International Association of Plumbing & Mechanical Officials 5001 East Philadelphia Street Ontario, CA 91761 Phone: (909) 230-5534 Web: www.iapmort.org</p> <p>IEEE (ASC C63) Institute of Electrical and Electronics Engineers 445 Hoes Lane Piscataway, NJ 08854 Phone: (732) 562-3874 Web: standards.ieee.org</p> <p>IES Illuminating Engineering Society 120 Wall St. 17th Floor New York, NY 10005 Phone: (917) 913-0027 Web: www.ies.org</p> <p>ITI (INCITS) InterNational Committee for Information Technology Standards 1101 K Street NW Suite 610 Washington, DC 20005-3922 Phone: (202) 626-5737 Fax: (202) 638-4922 Web: www.incits.org</p> <p>NCPDP National Council for Prescription Drug Programs 9240 East Raintree Drive Scottsdale, AZ 85260 Phone: (480) 477-1000 ext.134 Fax: (480) 767-1042 Web: www.ncdp.org</p> <p>NEBB National Environmental Balancing Bureau 8575 Grovemont Circle Gaithersburg, MD 20877 Phone: (301) 977-3968 Fax: (301) 977-9589 Web: www.nebb.org</p> <p>NEMA (ASC C29) National Electrical Manufacturers Association 1300 North 17th Street Suite 900 Rosslyn, VA 22209 Phone: (703) 841-3231 Web: www.nema.org</p>
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NEMA (ASC C50)

National Electrical Manufacturers
Association

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Rosslyn, VA 22209
Phone: (703) 841-3264
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NEMA (ASC C78)

National Electrical Manufacturers
Association

1300 N 17th St
Rosslyn, VA 22209
Phone: 703-841-3262
Web: www.nema.org

NETA

InterNational Electrical Testing
Association

3050 Old Centre
Suite 101
Portage, MI 49024
Phone: (269) 488-6382
Web: www.netaworld.org

NFPA

National Fire Protection Association

One Batterymarch Park
Quincy, MA 02169
Phone: (617) 984-7246
Web: www.nfpa.org

NSF

NSF International

789 N. Dixboro Road
Ann Arbor, MI 48105-9723
Phone: (734) 418-6660
Web: www.nsf.org

RESNET

Residential Energy Services Network,
Inc.

4867 Patina Court
Oceanside, CA 92057
Phone: (760) 408-5860
Fax: (760) 806-9449
Web: www.resnet.us.com

SCTE

Society of Cable Telecommunications
Engineers

140 Philips Rd
Exton, PA 19341
Phone: (800) 542-5040
Fax: (800) 542-5040
Web: www.scte.org

TCNA (ASC A108)

Tile Council of North America

100 Clemson Research Blvd.
Anderson, SC 29625
Phone: (864) 646-8453
Fax: (864) 646-2821
Web: www.tileusa.com

UL

Underwriters Laboratories, Inc.

12 Laboratory Dr.
Research Triangle Park, NC 27709
Phone: (919) 549-1479
Fax: (919) 549-1479
Web: www.ul.com



ISO Draft International Standards

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

Comments

Comments regarding ISO documents should be sent to ANSI's ISO Team (isot@ansi.org); comments on ISO documents must be submitted electronically in the approved ISO template and as a Word document as other formats will not be accepted. The final date for offering comments is listed after each draft.

Ordering Instructions

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

AIR QUALITY (TC 146)

ISO/DIS 20264, Stationary source emissions - Determination of the mass concentration of individual volatile organic compounds (VOCs) in waste gases from non-combustion processes - 2/18/2018, \$98.00
 ISO/DIS 21832, Workplace air - Procedures for determination of metals and metalloids in airborne particles - 2/16/2018, \$107.00

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

COMPRESSORS, PNEUMATIC TOOLS AND PNEUMATIC MACHINES (TC 118)

ISO/DIS 8573-4, Compressed air - Contaminant measurement - Part 4: Particle content - 2/15/2018, \$88.00

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

FLOOR COVERINGS (TC 219)

ISO/DIS 24343-2, Resilient and laminate floor coverings - Determination of indentation and residual indentation - Part 2: Short-term residual indentation of resilient floor covering - 2/15/2018, \$40.00
 ISO/DIS 24343-3, Resilient and laminate floor coverings - Determination of indentation and residual indentation - Part 3: Indentation of resilient semi-flexible/vinyl composition tiles - 2/18/2018, \$33.00

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

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

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

ISO/DIS 10426-4, Petroleum and natural gas industries - Cements and materials for well cementing - Part 4: Preparation and testing of foamed cement slurries at atmospheric pressure - 2/18/2018, \$33.00

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

NUCLEAR ENERGY (TC 85)

ISO/DIS 20042, Measurement of radioactivity - Gamma emitting radionuclides - Generic test method using gamma spectrometry - 2/18/2018, \$125.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO/DIS 11979-1, Ophthalmic implants - Intraocular lenses - Part 1: Vocabulary - 2/15/2018, \$58.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO/DIS 17492, Clothing for protection against heat and flame - Determination of heat transmission on exposure to both flame and radiant heat - 2/16/2018, \$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

ROAD VEHICLES (TC 22)

ISO/DIS 20078-1, Road vehicles - Extended vehicle (ExVe) web services - Part 1: ExVe content - 2/19/2018, \$71.00

ISO/DIS 20078-2, Road vehicles - Extended vehicle (ExVe) web services - Part 2: ExVe access - 2/19/2018, \$67.00

ISO/DIS 20078-3, Road vehicles - Extended vehicle (ExVe) web services - Part 3: ExVe security - 2/19/2018, \$71.00

ISO/DIS 20078-4, Road vehicles - Extended vehicle (ExVe) web services - Part 4: ExVe control - 2/19/2018, \$67.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 9089, Marine structures - Mobile offshore units - Mooring positioning windlasses and winches - 4/13/2018, \$58.00

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

ISO/IEC JTC 1, Information Technology

ISO/IEC 10646/DAMd1, Information technology - Universal Coded Character Set (UCS) - Amendment 1 - 2/19/2018, \$185.00

ISO/IEC DIS 20546, Information technology - Big data - Overview and vocabulary - 2/19/2018, \$58.00

ISO/IEC DIS 11770-2, Information technology - Security techniques - Key management - Part 2: Mechanisms using symmetric techniques - 2/15/2018, \$93.00

ISO/IEC DIS 15693-2, Cards and security devices for personal identification - Contactless vicinity objects - Part 2: Air interface and initialization - 2/19/2018, \$77.00

ISO/IEC DIS 19086-4, Information technology - Cloud computing - Service level agreement (SLA) framework - Part 4: Security and privacy - 2/19/2018, \$77.00



Newly Published ISO & IEC Standards

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

ISO Standards

ISO/IEC JTC 1 Technical Reports

[ISO/IEC TR 24741:2018](#), Information technology - Biometrics - Overview and application, \$162.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

[ISO 19971:2018](#), Space systems - Spacecraft and launch vehicle combined operation plan (COP) at launch site - General format, \$103.00

[ISO 20188:2018](#), Space systems - Product assurance requirements for commercial satellites, \$162.00

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

[ISO 11195:2018](#), Gas mixers for medical use - Stand-alone gas mixers, \$138.00

GRAPHIC TECHNOLOGY (TC 130)

[ISO 20690:2018](#), Graphic technology - Determination of the operating power consumption of digital printing devices, \$138.00

LEATHER (TC 120)

[ISO 17551:2018](#), Leather - Pickled sheep pelts - Guidelines for grading on the basis of defect and size, \$45.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

[ISO 17359:2018](#), Condition monitoring and diagnostics of machines - General guidelines, \$162.00

[ISO 29821:2018](#), Condition monitoring and diagnostics of machines - Ultrasound - General guidelines, procedures and validation, \$138.00

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

[ISO 11296-2:2018](#), Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 2: Lining with continuous pipes, \$68.00

[ISO 11296-4:2018](#), Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 4: Lining with cured-in-place pipes, \$185.00

[ISO 11297-2:2018](#), Plastics piping systems for renovation of underground drainage and sewerage networks under pressure - Part 2: Lining with continuous pipes, \$68.00

[ISO 11298-2:2018](#), Plastics piping systems for renovation of underground water supply networks - Part 2: Lining with continuous pipes, \$68.00

ROAD VEHICLES (TC 22)

[ISO 6469-2:2018](#), Electrically propelled road vehicles - Safety specifications - Part 2: Vehicle operational safety, \$45.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

[ISO 21005:2018](#), Ships and marine technology - Thermally toughened safety glass panes for windows and side scuttles, \$45.00

TECHNICAL SYSTEMS AND AIDS FOR DISABLED OR HANDICAPPED PERSONS (TC 173)

[ISO 16840-2:2018](#), Wheelchair seating - Part 2: Determination of physical and mechanical characteristics of seat cushions intended to manage tissue integrity, \$162.00

ISO Technical Specifications

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

[ISO/TS 21719-1:2018](#), Electronic fee collection - Personalization of on-board equipment (OBE) - Part 1: Framework, \$68.00

[ISO/TS 21719-2:2018](#), Electronic fee collection - Personalization of on-board equipment (OBE) - Part 2: Using dedicated short-range communication, \$185.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 24570:2018](#), Software engineering - NESMA functional size measurement method - Definitions and counting guidelines for the application of function point analysis, \$209.00

IEC Standards

AUTOMATIC CONTROLS FOR HOUSEHOLD USE (TC 72)

[IEC 60730-2-9 Amd.1 Ed. 4.0 en:2018](#), Amendment 1 - Automatic electrical controls - Part 2-9: Particular requirements for temperature sensing control, \$82.00

[IEC 60730-2-9 Ed. 4.1 en:2018](#), Automatic electrical controls - Part 2-9: Particular requirements for temperature sensing control, \$586.00

ELECTRIC TRACTION EQUIPMENT (TC 9)

[IEC 62888-1 Ed. 1.0 b:2018](#), Railway applications - Energy measurement on board trains - Part 1: General, \$164.00

[IEC 62888-2 Ed. 1.0 b:2018](#), Railway applications - Energy measurement on board trains - Part 2: Energy measurement, \$375.00

[IEC 62888-3 Ed. 1.0 b:2018](#), Railway applications - Energy measurement on board trains - Part 3: Data handling, \$235.00

[IEC 62888-4 Ed. 1.0 b:2018](#), Railway applications - Energy measurement on board trains - Part 4: Communication, \$317.00

ELECTROMAGNETIC COMPATIBILITY (TC 77)

[IEC 61000-3-2 Ed. 5.0 b:2018](#), Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase), \$235.00

[S+ IEC 61000-3-2 Ed. 5.0 en:2018 \(Redline version\)](#), Electromagnetic compatibility (EMC) - Part 3-2: Limits - Limits for harmonic current emissions (equipment input current ≤ 16 A per phase), \$305.00

ENVIRONMENTAL CONDITIONS, CLASSIFICATION AND METHODS OF TEST (TC 104)

[IEC 60068-3-5 Ed. 2.0 en:2018](#), Environmental testing - Part 3-5: Supporting documentation and guidance - Confirmation of the performance of temperature chambers, \$82.00

[IEC 60068-3-6 Ed. 2.0 en:2018](#), Environmental testing - Part 3-6: Supporting documentation and guidance - Confirmation of the performance of temperature/humidity chambers, \$117.00

[S+ IEC 60068-3-5 Ed. 2.0 en:2018 \(Redline version\)](#), Environmental testing - Part 3-5: Supporting documentation and guidance - Confirmation of the performance of temperature chambers, \$107.00

[S+ IEC 60068-3-6 Ed. 2.0 en:2018 \(Redline version\)](#), Environmental testing - Part 3-6: Supporting documentation and guidance - Confirmation of the performance of temperature/humidity chambers, \$152.00

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

[IEC 61857-31 Ed. 1.0 b:2017](#), Electrical insulation systems - Procedures for thermal evaluation - Part 31: Applications with a designed life of 5 000 h or less, \$47.00

FIBRE OPTICS (TC 86)

[IEC 61757 Ed. 1.0 b:2018](#), Fibre optic sensors - Generic specification, \$235.00

[IEC 60794-1-1 Ed. 4.0 b:2015](#), Optical fibre cables - Part 1-1: Generic specification - General, \$164.00

[IEC 60794-1-3 Ed. 1.0 b:2017](#), Optical fibre cables - Part 1-3: Generic specification - Optical cable elements, \$23.00

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

[IEC 61511-SER Ed. 1.0 b:2018](#), Functional safety - Safety instrumented systems for the process industry sector - ALL PARTS, \$1287.00

LIGHTNING PROTECTION (TC 81)

[IEC 62561-2 Ed. 2.0 b:2018](#), Lightning protection system components (LPSC) - Part 2: Requirements for conductors and earth electrodes, \$235.00

[IEC 62561-6 Ed. 2.0 b:2018](#), Lightning protection system components (LPSC) - Part 6: Requirements for lightning strike counters (LSC), \$164.00

[IEC 62561-7 Ed. 2.0 b:2018](#), Lightning protection system components (LPSC) - Part 7: Requirements for earthing enhancing compounds, \$82.00

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

[IEC 62276 Ed. 3.0 b:2016](#), Single crystal wafers for surface acoustic wave (SAW) device applications - Specifications and measuring methods, \$235.00

POWER SYSTEM CONTROL AND ASSOCIATED COMMUNICATIONS (TC 57)

[IEC 62351-SER Ed. 1.0 en:2018](#), Power systems management and associated information exchange - Data and communications security - ALL PARTS, \$3041.00

ROTATING MACHINERY (TC 2)

[IEC 60034-27-4 Ed. 1.0 b:2018](#), Rotating electrical machines - Part 27-4: Measurement of insulation resistance and polarization index of winding insulation of rotating electrical machines, \$235.00

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)

[IEC 60335-2-40 Ed. 6.0 en:2018](#), Household and similar electrical appliances - Safety - Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers, \$375.00

[IEC 60335-2-71 Ed. 3.0 b:2018](#), Household and similar electrical appliances - Safety - Part 2-71: Particular requirements for electrical heating appliances for breeding and rearing animals, \$117.00

[S+ IEC 60335-2-40 Ed. 6.0 en:2018 \(Redline version\)](#), Household and similar electrical appliances - Safety - Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers, \$488.00

SAFETY OF MACHINERY - ELECTROTECHNICAL ASPECTS (TC 44)

[IEC 62745 Ed. 1.0 b:2017](#), Safety of machinery - Requirements for cableless control systems of machinery, \$199.00

SEMICONDUCTOR DEVICES (TC 47)

[IEC 60191-1 Ed. 3.0 en:2018](#), Mechanical standardization of semiconductor devices - Part 1: General rules for the preparation of outline drawings of discrete devices, \$235.00

[IEC 62969-1 Ed. 1.0 b:2017](#), Semiconductor devices - Semiconductor interface for automotive vehicles - Part 1: General requirements of power interface for automotive vehicle sensors, \$82.00

SURFACE MOUNTING TECHNOLOGY (TC 91)

[IEC 60068-2-69 Ed. 3.0 b cor.1:2018](#), Corrigendum 1 - Environmental testing - Part 2-69: Tests - Test Te/Tc: Solderability testing of electronic components and printed boards by the wetting balance (force measurement), \$0.00

SWITCHGEAR AND CONTROLGEAR (TC 17)

[IEC 62271-101 Amd.1 Ed. 2.0 b cor.1:2018](#), Corrigendum 1 - Amendment 1 - High-voltage switchgear and controlgear - Part 101: Synthetic testing, \$0.00

IEC Technical Reports

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

[IEC/TR 61511-0 Ed. 1.0 en:2018](#), Functional safety - Safety instrumented systems for the process industry sector - Part 0: Functional safety for the process industry and IEC 61511, \$23.00

POWER SYSTEM CONTROL AND ASSOCIATED COMMUNICATIONS (TC 57)

[IEC/TR 62351-90-1 Ed. 1.0 en:2018](#), Power systems management and associated information exchange - Data and communications security - Part 90-1: Guidelines for handling role-based access control in power systems, \$235.00

IEC Technical Specifications

DOCUMENTATION AND GRAPHICAL SYMBOLS (TC 3)

[IEC/TS 63064 Ed. 1.0 en:2018](#), Graphical symbols for diagrams - Guidance on design for standardization in IEC 60617, \$82.00

Proposed Foreign Government Regulations

Call for Comment

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

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

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

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

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

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

Information Concerning

American National Standards

Call for Members

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

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

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

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

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

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

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

SCTE is currently seeking to broaden the membership base of its 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.

Proposal Canceled

BSR/UL 62841-3-13-201x

UL has canceled the proposal published in the Call for Comment section of the January 26, 2018 issue of Standards Action for BSR/UL 62841-3-13-201x, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 3-13 Particular Requirements for Transportable Drills (national adoption with modifications of IEC 62841-3-13). A new notice will be submitted at a future date.

ANSI Accredited Standards Developers

Application for Accreditation

PMMI – The Association for Packaging and Processing Technologies

Comment Deadline: March 5, 2018

PMMI – The Association for Packaging and Processing Technologies has submitted an Application for Accreditation for a new proposed U.S. Technical Advisory Group (TAG) to ISO PC 313, Packaging machinery and a request for approval as TAG Administrator. The proposed TAG will operate using the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities as contained in Annex A of the ANSI International Procedures. To obtain a copy of the TAG application or to offer comments, please contact: Mr. Fred Hayes, Director, Technical Services, PMMI – The Association for Packaging and Processing Technologies, 11911 Freedom Drive, Suite 600, Reston, VA 20190; phone: 571.266.4368; e-mail: fhayes@pmmi.org (please copy jthomps@ansi.org). Please submit your comments by March 5, 2018.

ANSI Accreditation Program for Greenhouse Gas Validation/Verification Bodies

Reaccreditation

Ernst & Young LLP

Comment Deadline: March 5, 2018

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

Ernst & Young LLP
Adriana Mendez
100 Adelaide Street West
Toronto, ON M5J 0B8, Canada
Phone: 416-864-1234
Email: adriana.mendez@ca.ey.com

On January 25, 2018, ANSI's Greenhouse Gas Validation/Verification Body Accreditation Committee granted Ernst & Young LLP reaccreditation for the following:

Activity and Scope:

Verification of assertions related to GHG emissions and removals at the organizational level:

- 01 – General
- 02 – Manufacturing
- 03 – Power Generation
- 05 – Mining and Mineral Production
- 06 – Metals Production
- 07 – Chemical Production
- 08 – Oil and gas extraction, production and refining including petrochemicals
- 09 – Waste

Please send your comments by March 5, 2018 to Ann Howard, Director, Environmental Accreditation Programs, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: ahoward@ansi.org.

Meeting Notices

R15 Week 2018

R15 Week in Davenport, IA will include meetings of the following ANSI-Accredited Groups:

(1) R15.06 Drafting Subcommittee

What: In-Person meeting
Day/Date: Monday, February 26, 2018
Time: 9:00 AM – 5:00 PM, CST
Where: Davenport, IA
Purpose: Discuss progress on 3 draft Technical Reports.

(2) R15 Standards Approval Committee (SAC)

What: In-person meeting
Day/Date: Tuesday, February 27, 2018
Time: 8:00 – 11:30 AM, CST
Where: Davenport, IA
Purpose: Discuss documents and procedures for the U.S. robotic standards community.

(3) U.S. TAG to ISO TC 299, Robotics.

What: In-person meeting
Day/Date: Tuesday, February 27, 2018
Time: 1:00 – 4:30 PM, CST
Where: Davenport, IA
Purpose: Discuss procedures, the U.S. Position and U.S. Comments for upcoming ballots in the ISO TC 299.

(4) R15.08 Drafting Subcommittee.

What: In-person meeting
Day/Date: Wednesday - Thursday, February 28 – March 1, 2018
Time: 8:00 AM – 5:00 PM, CST (both days)
Where: Davenport, IA
Purpose: Discuss progress on drafting Parts 1 and 2 of the new standard R15.08.

For more information, contact Carole Franklin at cfranklin@robotics.org.

Information Concerning ANSI Accredited Standards Developers

Application for Accreditation

Snow and Ice Management Association, Inc. (SIMA)

Comment Deadline: March 5, 2018

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

The mission of the Snow & Ice Management Association (SIMA) is empowering snow and ice management professionals for success. Development of ANSI recognized standards will enable social, economic, and environmental guidelines of policy and practice for: 1) Delivery of safe and cost-efficient winter management operations and service verification; 2) Continuation of emergency services, commerce, public, and social activities; 3) Environmentally responsible awareness and use of salt and other anti-icing and de-icing products, as recent research has confirmed such snow and ice melt products can contribute to chloride pollution of freshwater.

Sustainable winter management operations are accomplished by standards that are easily understood and readily adopted - by property managers, facility managers, and the diverse array of property owners - in order to provide safe and clear passage in parking lots, pedestrian walkways and access routes, and other areas used by the public.

During snow and ice storms, the public assumes varied levels of continuation in their lives including safe and clear passage of their means for transportation. Formal standards will provide the necessary third-party credibility for establishing guidelines of policy that define levels of service (LOS) for clients (facilities/properties), and standards of practice for snow management industry personnel.

Expected results: ANSI standards will enable increased confidence by property managers, facility managers and the general public who are seeking, qualifying, and hiring winter management professionals, increasing safety and reducing winter-related outdoor slip and fall risk and accidents.

SIMA's intended scope of standards development activities will include and are not limited to:

- 1) Economic standards of policy and practice including: a) requests for proposals (RFPs) and contractual terms of agreement between the buyers and service providers in the industry.*
- 2) Social standards of policy and practice including: a) guidelines for defining scope of work (SOW); b) level(s) of service (LOS); c) liability and risk assessment.*
- 3) Environmental standards of policy and practice including: a) sustainable salt use guidelines; b) guidelines for products making claims of being "safe for the environment"; c) impacts on property infrastructure related to chloride use.*

To obtain a copy of SIMA's application and proposed operating procedures or to offer comments, please contact: Mr. Martin Tirado, CEO, Snow and Ice Management Association, 10140 N. Port Washington Road, Milwaukee, WI 53092; phone: 414.375.1940; e-mail: martin@sima.org. Please submit any comments to SIMA by **March 5, 2018**, with a copy to the ExSC Recording Secretary in ANSI's New York Office (E-mail: Jthompso@ANSI.org). As the proposed procedures are available electronically, the public review period is **30 days**. You may view or download a copy of SIMA's proposed operating procedures from *ANSI Online during the public review period* at the following URL: www.ansi.org/accredPR.

Information Concerning

International Electrotechnical Commission (IEC)

USNC Needs Members to Join Various USNC Groups

These groups are as follows:

1. US TAG to IEC Subcommittee (SC 8B) – Decentralized Electrical Energy Systems

Scope of SC 8B:

Standards enabling the development of secure, reliable and cost-effective systems with decentralized management for electrical energy supply, alternative/complement/precursor to traditional large interconnected and highly centralized systems. The most popular concept is currently the “microgrid” defined as a group of interconnected loads and distributed energy resources with defined electrical boundaries that acts as a single controllable entity and is able to operate in both grid-connected and island mode. Decentralized energy systems have applications for developing countries (focusing on access to electricity) as well as for developed countries (focusing on high reliability, black-out recovery and/or services). Interactions within Decentralized (Multi) Energy Systems should also be considered.

Standardization activities in this proposed SC will proceed with cooperation with concerned TC/SCs and SyCs, including but not limited to IEC SyC Smart Energy, TC 22, TC 57, TC 64, TC 82, TC 88, TC 95, TC 120.

Current SC 8B [work programs](#) include, but are not limited to:

- PNW 8B-10: Virtual Power Plants- Part 1: Architecture and Functional Requirements
- PNW TS 8B-11 ED1: Virtual Power Plants- Part 2: Use Cases
- PNW TS 8B-12 ED1: IEC/TS 62898-3-2 Microgrids – Technical requirements - Energy Management Systems
- PNW TS 8B-15: Microgrids – Technical requirements – Self-regulation of dispatchable loads

Individuals interested in participating on this USTAG, should contact the TAG Secretary, George Kelly, at secretary@aresca.us no later than 1 April 2018.

2. **US TAG to IEC Systems Committee – Active Assisted Living (SyC AAL)**

Scope of SyC AAL:

To create a vision of Active Assisted Living that takes account of the evolution of the market. Goal is to foster standardization which:

- enables usability and accessibility of AAL systems and services;
- enables cross-vendor interoperability of AAL systems, services, products and components;
- addresses systems level aspects such as safety, security and privacy;
- communicates the work of the SyC appropriately to foster a strong community of stakeholders.

Individuals interested in participating on this USTAG should contact the TAG Secretary, Ross Wilson, at ross.wilson@ul.com.

3. **US TAG to IEC Technical Committee 117 – Solar Thermal Electric Plants**

Scope of TC 117:

To prepare international standards for systems of Solar Thermal Electric (STE) plants for the conversion of solar thermal energy into electrical energy and for all the elements (including all sub-systems and components) in the entire STE energy system.

The standards would cover all of the current different types of systems in the STE field, as follows:

- Parabolic trough
- Solar tower
- Linear Fresnel
- Dish
- Thermal storage

The standards would define terminology, design and installation requirements, performance measurement techniques and test methods, safety requirements, "power quality" issues for each of the above systems.

The standards would also address issues of connectivity and interoperability with the power grid related to connections, bi-directional communicates and centralized control (Smart Grid) and environmental aspects.

Individuals interested in participating on this USTAG should contact the TAG Secretary, Susan Malohn, at Susan.P.Malohn@ul.com.

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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 Food Equipment —

Dispensing Equipment

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-
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7.3 Cleaning and sanitizing procedures

The manufacturer's recommended cleaning and sanitizing procedures shall be viewable on each dispensing freezer by means of a permanent label, instruction plate, or integral electronic display. Integral electronic displays shall be designed so that they are viewable throughout the cleaning and sanitizing process. The procedures shall call attention to the need to comply with minimum cleaning and sanitizing frequencies specified by the federal, state, or local regulatory agency having jurisdiction.

Rationale – The requirements from Section 5.29.1 has been moved to Section 7 to be consistent with other NSF standards where label requirements are stated and modified per new technology available to provided graphic instructions for cleaning and sanitizing through display screens.

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Revision to NSF/ANSI 61 – 2017
Issue 140 Revision 1 (January 2018)

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

NSF/ANSI Standard for Drinking Water System Components – Health Effects

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Annex A (normative)

Toxicology review and evaluation procedures

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A.1 General requirements

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A.5 Data requirements for evaluating short-term exposures

Extractants from products used in contact with drinking water may be elevated initially but rapidly decline with continued product contact with water. Examples include, but are not limited to, solvent-containing coatings and solvent cements. Short-term exposure paradigms, appropriate for potentially high initial substance concentrations, shall be used to evaluate potential acute risk to human health of short-term exposures. The short-term exposure period shall be defined as the first 14 d of in-service life of the product.

Sound scientific judgment shall be used to determine whether calculation of a Short-Term Exposure Level (STEL) is appropriate for a given contaminant. The NOAEL or LOAEL for the critical short-term hazard of the substance shall be identified. The following types of studies shall be considered for identification of short-term hazard:

- short-term (less than 90 d duration) toxicity study in rodents or other appropriate species with a minimum 14-d post-treatment observation period, clinical observations, hematology and clinical chemistry, and gross pathology (preferably an oral study in rodents);
- reproduction or developmental assays (for substances that have these endpoints as the critical effects); or
- subchronic 90-d study in rodents or other species (preferably an oral study in rats).

The critical study shall be used to calculate a Short-Term Exposure Level (STEL) in accordance with Annex A, section A.8.

Selection of uncertainty factors for calculation of a STEL shall consider the quality and completeness of the database for assessing potential short-term effects. Selection of uncertainty factors shall also consider data that quantify interspecies and intraspecies variations. Other parameters that shall be

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considered in the determination of a STEL include identification of any sensitive subpopulations, the potential for adverse taste and odor, and solubility limitations at the calculated STEL. The STEL shall be

calculated using assumptions to protect for a child's exposure to the contaminant in the absence of data that demonstrate adults are more sensitive than children. In the absence of appropriate data to calculate a STEL, see Annex A, section A.7.1.2.

Short Term Exposure Levels shall not exceed the Total Allowable Concentration for nonmetallic contaminants regulated by the USEPA and established by Health Canada.

Rationale: Requirements for setting Short Term Exposure Levels moved to Section A.5 per 2017 DWA JC meeting discussion.

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Annex B (normative)

Product/material evaluation

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B.3 Joining and sealing materials

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B.3.7 Multiple time point protocol

When the normalized concentration of a contaminant exceeds, or is expected to exceed, its acceptable level when evaluated as a single time point exposure, determination of the contaminant leaching rate using a multiple time point exposure shall be considered. For the purpose of contaminant concentration evaluation, Day 1 shall be defined as the time point at which extractant water is collected for analysis under the single time point exposure protocol. Day 90 shall be defined as 90 d after this time point. When over time data are used, the Day 1 concentration for the contaminant of concern shall meet the Short Term Exposure Level and Day 90 concentration shall meet the Total Allowable Concentration/Single Product Allowable Concentration respectively. When extrapolation is used, the relationship between contaminant concentration and time shall be determined and plotted using a minimum of five data points.

~~NOTE — When a multiple time point protocol is employed in the evaluation of a contaminant, consideration shall be given to the availability of appropriate toxicity data to define an acute exposure limit for the contaminant, as required in Annex A, Section A.5, Data requirements for evaluating short term exposures. Consideration shall also be given to the leaching characteristics of the contaminant. Short Term Exposure Levels shall not exceed the Total Allowable Concentration for nonmetallic contaminants listed in NSF/ANSI 61, Annex-D, Table D.1 (Drinking water criteria for contaminants regulated by the USEPA and established by Health Canada). Multiple time point analysis shall not be used for lead or any other metal contaminant listed in Table D.1.~~

When a multiple time point protocol is employed in the evaluation of a contaminant, consideration shall be given to the availability of appropriate toxicity data to define an acute exposure limit for the contaminant, as required in Annex A, Section A.5. Consideration shall also be given to the leaching characteristics of

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the contaminant. Multiple time point analysis shall not be used for lead or any other metal contaminant listed as a regulated contaminant by USEPA or Health Canada.

At the discretion of the manufacturer, direct measurement of a Day 90 extraction shall be permitted. The products shall be exposed at the selected application temperature (e.g. 23 \pm 2 °C; 60 \pm 2 °C; 82 \pm 2 °C) for the full duration of the exposure. Extraction water shall be collected for analysis at a minimum of two time points: after Day 1 and after the final exposure terminating on Day 90. The exposure water shall be changed at least weekly during the interval between the initial and final exposure and on at least 4 days during the final week of exposure.

Rationale: Requirements for setting Short Term Exposure Levels moved to Section A.5. Restriction on multiple time point testing for metals clarified to include USEPA or Health Canada regulated metals, and not all metals listed in Table D1.

BSR/UL 312-201x, Standard for Safety for Check Valves for Fire-Protection Service

1. Marking Height Requirements

25.2 The markings specified in 25.1 (a) - (e) and (g) shall be included on the body or cover casting using one of the following methods:

- a) Cast letters and figures at least $\frac{3}{8}$ inch (9.5 mm) high and raised at least 0.030 inch (0.8 mm) above or recessed at least 0.050 inch (1.3 mm) below the surface of the body or cover.
- b) Placed on an etched or stamped corrosion resistant metal nameplate permanently mounted on the valve body or cover plate using letters at least ~~$\frac{3}{16}$ inch (4.8 mm)~~ $\frac{3}{32}$ inch (2.4 mm) high and at least 0.005 inch (0.13 mm) deep.

Exception: The marking specified in 25.1(e) may be stamped on a flat space provided for the purpose in lieu of the marking methods specified in 25.2 (a) and (b). The letter height shall be as specified in 25.2(a).

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UL 486A-486B, Standard for Safety for Wire Connectors

1. Recirculation of the Proposed Third Edition of UL 486A-486B, Standard for Wire Connectors

9.2.2 For a connector intended for paralleling conductors, the current-on time shall be the time it takes for the connector to reach stable temperatures. The current-off time shall be the time it takes to reach room temperature. Forced-air cooling may be employed to reduce the current-off time with the concurrence of those concerned. These times shall be determined in the first 25 cycles of operation as follows:— A test specimen has attained a stable temperature during the current-on-time when three readings show no more than a 2°C variation between any two of the readings. The time to temperature stabilization for the current-off time is the first of three readings indicating stable temperature.

a) For all iterations of the first 25 cycles of operation, the time to stabilization shall be recorded.

b) The time to stabilization during each cycle of the first 25 cycles, for both the current-on time and current-off time, shall be the time necessary for the test specimen to attain a stable temperature as demonstrated by three readings at 10 min intervals showing no more than a 2°C variation between any two of the readings.

c) The current-on time for the remaining 475 cycles shall be the longest interval of time to stabilization measured during the first 25 cycles of operation.

d) The current-off time for the remaining 475 cycles shall be determined by selecting the cycle with the longest interval of time for current-off time stabilization measured during the first 25 cycles of operation. The current-off time for the remaining 475 cycles shall be the first of the three readings from this longest interval of time.

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