



ANSI STANDARDS ACTION

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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: November 5, 2017

API (American Petroleum Institute)

New Standard

BSR/API RP 100-1-201x, Hydraulic Fracturing: Well Integrity and Fracture Containment (new standard)

This document contains recommended practices for onshore well construction and fracture stimulation design and execution as it relates to well integrity and fracture containment. This document covers the design and installation of well equipment that protects and isolates potable ground-water aquifers, delivery and execution of the hydraulic fracture treatment, and containment and isolation of the produced fluids. Included is the design and execution of hydraulic fracturing treatments to contain the resulting fracture within a prescribed geologic interval.

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

Send comments (with copy to psa@ansi.org) to: Roland Goodman, (202) 682-8571, goodmanr@api.org

NSF (NSF International)

Revision

BSR/NSF 6-201x (i13r1), 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: Allan Rose, (734) 827-3817, arose@nsf.org

NSF (NSF International)

Revision

BSR/NSF 170-201x (i21r2), Glossary of Food Equipment Terminology (revision of ANSI/NSF 170-2015)

Definitions covered by this Standard consist of terminology related to food equipment, including terms describing equipment, materials, design, construction, and performance testing. This Standard includes common definitions of terms used throughout NSF Food Equipment and Sanitation Standards.

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

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

NSF (NSF International)

Revision

BSR/NSF 419-201x (i4r1), Public Drinking Water Equipment Performance - Membrane Filtration (revision of ANSI/NSF 419-2015)

This Standard is designed to describe the performance evaluation test procedure for the product specific challenge testing of full-scale UF and MF membrane modules, bag filters, and cartridge filters for the removal of microbial contaminants. This Standard provides procedures to develop challenge-testing Log Removal Values (LRVC_TEST), as required in the EPA's Long-Term-2 Enhanced Surface Water Treatment Rule (LT2ESWTR), published in 40 CFR 141-subpart W.

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

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

Comment Deadline: November 20, 2017

ASABE (American Society of Agricultural and Biological Engineers)

New Standard

BSR/ASABE S651 MonYear-201x, Electric Tractor Battery System - Test and Performance Requirements (new standard)

A laboratory test, under repeatable and controlled loading, to permit analysis of the electric tractor-battery energy storage system for compliance with the performance requirements of this proposed ASABE Standard.

Single copy price: \$61.00

Obtain an electronic copy from: cvgilder@sbcglobal.net

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

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

ASABE (American Society of Agricultural and Biological Engineers)

Reaffirmation

BSR/ASAE D241.4-FEB93 (R201x), Density, Specific Gravity, and Mass-Moisture Relationships of Grain for Storage (reaffirmation of ANSI/ASAE D241.4-FEB93 (R2013))

Provides recommendations for density, specific gravity, and moisture for grain storage.

Single copy price: \$61.00

Obtain an electronic copy from: walsh@asabe.org

Order from: Jean Walsh, (269) 932-7027, walsh@asabe.org

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

ASABE (American Society of Agricultural and Biological Engineers)

Reaffirmation

BSR/ASAE EP302.4-AUG93 (R201x), Design and Construction of Surface Drainage Systems on Agricultural Lands in Humid Areas (reaffirmation of ANSI/ASAE EP302.4-AUG93 (R2013))

This Engineering Practice is intended to improve the design, construction, and maintenance of surface drainage systems which are adapted to modern farm mechanization. It is limited to agricultural or farm-size areas, 259 ha (640 ac) or less, in the humid region of the eastern USA.

Single copy price: \$61.00

Obtain an electronic copy from: walsh@asabe.org

Order from: Jean Walsh, (269) 932-7027, walsh@asabe.org

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

BSR/ASAE EP400.3-2007 (R201x), Designing and Constructing Irrigation Wells (reaffirmation of ANSI/ASAE EP400.3-2007 (R2012))

A guide for preparing specifications for irrigation well construction. The objective is to obtain economical wells of high productivity which are relatively sand-free with a long projected life. The scope of this Engineering Practice is directed to wells constructed to obtain ground water for irrigation purposes; however, many of the details presented in this standard also are suitable for domestic, municipal, and industrial wells.

Single copy price: \$61.00

Obtain an electronic copy from: walsh@asabe.org

Order from: Jean Walsh, (269) 932-7027, walsh@asabe.org

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

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

BSR/ASAE EP446.3-2008 (R201x), Loads Exerted by Irish Potatoes in Shallow Bulk Storage Structures (reaffirmation of ANSI/ASAE EP446.3-2008 (R2012))

Provides guidelines from which designers may calculate loads on vertical and inclined walls, partitions, bin fronts, ducts, and appurtenances that are to resist lateral pressure of potatoes stored in bulk. Guidelines may be modified for specific, unique load conditions. For bins that are wider than deep and not deeper than 5.5 m (18 ft). This practice is for bins in which length is greater than width. Applies to maximum potato pressures measured in full-sized bins with wet potatoes.

Single copy price: \$61.00

Obtain an electronic copy from: walsh@asabe.org

Order from: Jean Walsh, (269) 932-7027, walsh@asabe.org

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

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

BSR/ASAE S401.2-AUG93 (R201x), Guidelines for Use of Thermal Insulation in Agricultural Buildings (reaffirmation of ANSI/ASAE S401.2-AUG93 (R2012))

Establishes guidelines for evaluating and specifying the type, amount, and manner of installation of thermal insulation in agricultural buildings. The scope includes consideration of burning characteristics, insulation values, and proper installation and protection of insulating materials.

Single copy price: \$61.00

Obtain an electronic copy from: walsh@asabe.org

Order from: Jean Walsh, (269) 932-7027, walsh@asabe.org

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ASTM (ASTM International)**New Standard**

BSR/ASTM E2181-201x, Specification for Compacted Mineral-Insulated, Metal-Sheathed, Noble Metal Thermocouples and Thermocouple Cable (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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ASTM (ASTM International)**New Standard**

BSR/ASTM F645-201x, Guide for Selection, Design, and Installation of Thermoplastic Water-Pressure Piping Systems (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)**New Standard**

BSR/ASTM F2788-201x, Specification for Metric and Inch-Sized Crosslinked Polyethylene (PEX) Pipe (new standard)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**New Standard**

BSR/ASTM F2968-201x, Specification for Black Crosslinked Polyethylene (PEX) Pipe, Fittings and Joints for Gas Distribution Applications (new standard)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**New Standard**

BSR/ASTM WK57078-201x, Specification for MRS-Rated Metric- and Inch-Sized Crosslinked Polyethylene (PEX) Pipe (new standard)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)***New Standard***

BSR/ASTM WK57870-201x, Guide for Recording and Reporting of Injuries and Illnesses for the Maritime Industry (new standard)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)***New Standard***

BSR/ASTM WK57953-201x, Guide for Installation and Application of Type C Portable Tanks for Marine Cryogenic Service under ASTM General Requirements (new standard)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)***Reaffirmation***

BSR/ASTM E2726-2012a (R201x), Test Method for Evaluating the Fire-Test-Response of Deck Structures to Burning Brands (reaffirmation of ANSI/ASTM E2726-2012a)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)***Reaffirmation***

BSR/ASTM F760-1993 (R201x), Specification for Food Service Equipment Manuals (reaffirmation of ANSI/ASTM F760-1993 (R2012))

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ASTM (ASTM International)***Reaffirmation***

BSR/ASTM F1602-2012 (R201x), Specification for Kettles, Steam-Jacketed, 20 to 200 gal (75.7 to 757 L), Floor or Wall Mounted, Direct Steam, Gas and Electric Heated (reaffirmation of ANSI/ASTM F1602-2012)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)***Reaffirmation***

BSR/ASTM F1963-2005 (R201x), Specification for Deep-Fat Fryers, Gas or Electric, Open (reaffirmation of ANSI/ASTM F1963-2005 (R2011))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)***Reaffirmation***

BSR/ASTM F2487-2017 (R201x), Practice for Infiltration and Exfiltration Acceptance Testing of Installed Corrugated High Density Polyethylene and Polypropylene Pipelines (reaffirmation of ANSI/ASTM F2487-2017)

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ASTM (ASTM International)***Reaffirmation***

BSR/ASTM F2767-2017 (R201x), Specification for Electrofusion Type Polyamide-12 Fittings for Outside Diameter Controlled Polyamide-12 Pipe and Tubing for Gas Distribution (reaffirmation of ANSI/ASTM F2767-2017)

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ASTM (ASTM International)***Reaffirmation***

BSR/ASTM F2785-2017 (R201x), Specification for Polyamide 12 Gas Pressure Pipe, Tubing, and Fittings (reaffirmation of ANSI/ASTM F2785-2017)

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ASTM (ASTM International)***Reaffirmation***

BSR/ASTM F2834-2010 (R201x), Specification for Induction Cooktops, Counter Top, Drop-in Mounted, or Floor Standing (reaffirmation of ANSI/ASTM F2834-2010)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F2835-2010 (R201x), Specification for Underfired Broilers (reaffirmation of ANSI/ASTM F2835-2010)

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ASTM (ASTM International)**Revision**

BSR/ASTM D2152-201x, Test Method for Adequacy of Fusion of Extruded Poly(Vinyl Chloride) (PVC) Pipe and Molded Fittings by Acetone Immersion (revision of ANSI/ASTM D2152-2017)

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ASTM (ASTM International)**Revision**

BSR/ASTM E18-201x, Test Methods for Rockwell Hardness of Metallic Materials (revision of ANSI/ASTM E18-2015)

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ASTM (ASTM International)**Revision**

BSR/ASTM E23-201x, Test Methods for Notched Bar Impact Testing of Metallic Materials (revision of ANSI/ASTM E23-2016)

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ASTM (ASTM International)**Revision**

BSR/ASTM E84-201x, Test Method for Surface Burning Characteristics of Building Materials (revision of ANSI/ASTM E84-2017)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Revision**

BSR/ASTM E119-201x, Test Methods for Fire Tests of Building Construction and Materials (revision of ANSI/ASTM E119-2016)

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ASTM (ASTM International)**Revision**

BSR/ASTM E176-201x, Terminology of Fire Standards (revision of ANSI/ASTM E176-2015)

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ASTM (ASTM International)**Revision**

BSR/ASTM E230-201x, Specification for Temperature-Electromotive Force (emf) Tables for Standardized Thermocouples (revision of ANSI/ASTM E230-2012)

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ASTM (ASTM International)**Revision**

BSR/ASTM E1822-201x, Test Method for Fire Testing of Stacked Chairs (revision of ANSI/ASTM E1822-2013)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Revision**

BSR/ASTM E2061-201x, Guide for Fire Hazard Assessment of Rail Transportation Vehicles (revision of ANSI/ASTM E2061-2015)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM E2231-201x, Practice for Specimen Preparation and Mounting of Pipe and Duct Insulation Materials to Assess Surface Burning Characteristics (revision of ANSI/ASTM E2231-2015)

http://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)

Revision

BSR/ASTM E2280-201x, Guide for Fire Hazard Assessment of the Effect of Upholstered Seating Furniture Within Patient Rooms of Health Care Facilities (revision of ANSI/ASTM E2280-2013)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM E2579-201x, Practice for Specimen Preparation and Mounting of Wood Products to Assess Surface Burning Characteristics (revision of ANSI/ASTM E2579-2015)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM E2599-201x, Practice for Specimen Preparation and Mounting of Reflective Insulation, Radiant Barrier and Vinyl Stretch Ceiling Materials for Building Applications to Assess Surface Burning Characteristics (revision of ANSI/ASTM E2599-2016)

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ASTM (ASTM International)

Revision

BSR/ASTM E2688-201x, Practice for Specimen Preparation and Mounting of Tapes to Assess Surface Burning Characteristics (revision of ANSI/ASTM E2688-2016)

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Revision

BSR/ASTM E2690-201x, Practice for Specimen Preparation and Mounting of Caulks and Sealants to Assess Surface Burning Characteristics (revision of ANSI/ASTM E2690-2017)

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ASTM (ASTM International)

Revision

BSR/ASTM E2750-201x, Guide for Extension of Data from Penetration Firestop System Tests Conducted in Accordance with ASTM (revision of ANSI/ASTM E2750-2013)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Revision

BSR/ASTM E2816-201x, Test Methods for Fire Resistive Metallic HVAC Duct Systems (revision of ANSI/ASTM E2816-2017)

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ASTM (ASTM International)

Revision

BSR/ASTM E2965-201x, Test Method for Determination of Low Levels of Heat Release Rate for Materials and Products Using an Oxygen Consumption Calorimeter (revision of ANSI/ASTM E2965-2017)

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ASTM (ASTM International)**Revision**

BSR/ASTM E2988-201x, Practice for Specimen Preparation and Mounting of Flexible Fibrous Glass Insulation for Metal Buildings to Assess Surface Burning Characteristics (revision of ANSI/ASTM E2988-2015)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Revision**

BSR/ASTM E3080-201x, Practice for Regression Analysis (revision of ANSI/ASTM E3080-2016)

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ASTM (ASTM International)**Revision**

BSR/ASTM F1041-201x, Guide for Squeeze-Off of Polyolefin Gas Pressure Pipe and Tubing (revision of ANSI/ASTM F1041-2017)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Revision**

BSR/ASTM F1217-201x, Specification for Cooker, Steam (revision of ANSI/ASTM F1217-2011)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Revision**

BSR/ASTM F1360-201x, Specification for Ovens, Microwave, Electric (revision of ANSI/ASTM F1360-2006 (R2012))

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ASTM (ASTM International)**Revision**

BSR/ASTM F1361-201x, Test Method for Performance of Open Deep Fat Fryers (revision of ANSI/ASTM F1361-2007 (R2013))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Revision**

BSR/ASTM F1499-201x, Specification for Coextruded Composite Drain, Waste, and Vent Pipe (DWV) (revision of ANSI/ASTM F1499-2017)

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ASTM (ASTM International)**Revision**

BSR/ASTM F1563-201x, Specification for Tools to Squeeze-Off Polyethylene (PE) Gas Pipe or Tubing (revision of ANSI/ASTM F1563-2017)

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ASTM (ASTM International)**Revision**

BSR/ASTM F1603-201x, Specification for Kettles, Steam-Jacketed, 32 oz to 20 gal (1 to 75.7 L), Tilting, Table Mounted, Direct Steam, Gas and Electric Heated (revision of ANSI/ASTM F1603-2012)

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

ASTM (ASTM International)**Revision**

BSR/ASTM F1734-201x, Practice for Qualification of a Combination of Squeeze Tool, Pipe, and Squeeze-Off Procedures to Avoid Long-Term Damage in Polyethylene (PE) Gas Pipe (revision of ANSI/ASTM F1734-2017)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F1807-201x, Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-Linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F1807-2017)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F2021-201x, Guide for Design and Installation of Plastic Siphonic Roof Drainage Systems (revision of ANSI/ASTM F2021-2017)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F2144-201x, Test Method for Performance of Large Open Vat Fryers (revision of ANSI/ASTM F2144-2009 (R2016))

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F2536-201x, Guide for Installing Plastic DWV Piping Suspended from On-Grade Slabs (revision of ANSI/ASTM F2536-2017)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F2623-201x, Specification for Polyethylene of Raised Temperature (PE-RT) SDR 9 Tubing (revision of ANSI/ASTM F2623-2017)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F2769-201x, Specification for Polyethylene of Raised Temperature (PE-RT) Plastic Hot and Cold-Water Tubing and Distribution Systems (revision of ANSI/ASTM F2769-2016)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F2829-201x, Specification for Metric- and Inch-Sized Crosslinked Polyethylene (PEX) Pipe Systems (revision of ANSI/ASTM F2829-2017)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Revision**

BSR/ASTM F2861-201x, Test Method for Enhanced Performance of Combination Oven in Various Modes (revision of ANSI/ASTM F2861-2015)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

AWC (American Wood Council)**Revision**

BSR/AWC WFCM-201x, Wood Frame Construction Manual for One and Two-Family Dwellings (revision and redesignation of ANSI/AWC WFCM -2015)

WFCM provides engineered and prescriptive design requirements for wood-frame construction used in one- and two-family dwellings constructed in high-wind, seismic, and snow regions.

Single copy price: \$25.00

Obtain an electronic copy from: bdouglas@awc.org

Order from: Bradford Douglas, (202) 463-2770, bdouglas@awc.org

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

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

BSR/AWWA B701-201x, Sodium Fluoride (revision of ANSI/AWWA B701-2011)

This standard describes sodium fluoride (NaF), coarse crystalline grade, for use in the treatment of potable water.

Single copy price: Free

Obtain an electronic copy from: vdavid@awwa.org

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

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

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

ANSI/ESD SP5.2.2-2012, ESD Association Standard Test Method for Electrostatic Discharge (ESD) Sensitivity Testing - Machine Model (MM) - Component Level (withdrawal of ANSI/ESD SP5.2.2-2012)

This document establishes the procedure for testing, characterizing, and evaluating the electrostatic discharge (ESD) sensitivity (withstand voltage) of components subjected to the defined machine model (MM).

Single copy price: N/A

Obtain an electronic copy from: cearl@esda.org

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

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

ICC (International Code Council)**New Standard**

BSR/ICC 805-201x, Standard for Rainwater Collection System Design and Installation (new standard)

This standard applies to the design, installation, and maintenance of rainwater collection systems intended to collect, store, treat, distribute, and utilize rainwater for potable and nonpotable applications. This standard is intended to apply to new rainwater collection installations as well as alterations, additions, maintenance, and repair to existing installations. Includes systems designed for residential, commercial, industrial, and agricultural applications.

Single copy price: Free

Obtain an electronic copy from: <https://www.iccsafe.org/codes-tech-support/codes/code-development-process/is-rcsdi/>

Order from: Edward Wirtschoreck, (888) 422-7233, ewirtschoreck@iccsafe.org

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

ISA (International Society of Automation)**New Standard**

BSR/ISA 62443-4-1-201x, Security for industrial automation and control systems - Part 4-1: Product security development life-cycle requirements (new standard)

This part of ISA-62443 specifies process requirements for the secure development of products used in industrial automation and control systems. It defines a secure development life-cycle (SDL) for the purpose of developing and maintaining secure products. This life-cycle includes security requirements definition, secure design, secure implementation (including coding guidelines), verification, and validation, defect management, patch management, and product end-of-life.

Single copy price: \$99.00

Order from: Eliana Brazda, (919) 990-9228, ebrazda@isa.org

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

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

BSR/NETA ETT-201x, NETA Standard for Certification of Electrical Testing Technicians (revision of ANSI/NETA ETT-2015)

This standard establishes minimum requirements for qualification and certification of the electrical testing technician (ETT). This standard details the minimum training and experience requirements for electrical testing technicians and provides criteria for documenting qualifications and certification. This standard details the minimum qualifications for an independent and impartial certifying body to certify electrical testing technicians.

Single copy price: \$495.00

Obtain an electronic copy from: kwicks@netaworld.org

Order from: Kristen Wicks, (269) 488-6382, kwicks@netaworld.org

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

NPES (ASC CGATS) (Association for Suppliers of Printing, Publishing and Converting Technologies)**New National Adoption**

BSR CGATS/ISO 12641-1-201x, Graphic technology - Prepress digital data exchange - Colour targets for input scanner calibration - Part 1: Colour targets for input scanner calibration (identical national adoption of ISO 12641-1)

This part of ISO 12641 defines the layout and colorimetric values of targets for use in the calibration of a photographic product/input scanner combination (as used in the preparatory process for printing and publishing). One target is defined for positive colour transparency film and another is defined for colour photographic paper.

Single copy price: \$96.00

Obtain an electronic copy from: dorf@npes.org

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

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

TIA (Telecommunications Industry Association)**Addenda**

BSR/TIA 1005-A-2-201x, Telecommunications Infrastructure Standard for Industrial Premises - Addendum 2: Performance Requirements for Four-Pair Industrial Cables and Cabling Supporting 1000BASE-T for MICE2 and MICE3 Environments (addenda to ANSI/TIA 1005-A-2012)

Create an addendum to ANSI/TIA-1005-A, defining enhanced performance requirements for four-pair industrial cables and cabling supporting 1000BASE-T in MICE2 and MICE3 environments. This addendum will use Connectivity already specified in ANSI/TIA-1005-A.

Single copy price: \$64.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: TIA; standards@tiaonline.org

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

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

BSR/UL 142A-201x, Standard for Safety for Special Purpose Aboveground Tanks for Specific Flammable or Combustible Liquids (new standard)

These requirements cover special purpose steel aboveground tanks for specific fuels or liquids and/or use applications as indicated for each special-purpose tank type, which are intended to address the specific designs, features, limitations, use factors, and other unique characteristics of each type. Types of tanks covered include: (a) Generator base tanks; (b) Work top tanks; (c) Lube oil tanks; (d) Used oil tanks; (e) Day tanks.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

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

BSR/UL 2452-201X, Standard for Safety for Electric Swimming Pool and Spa Cover Operators (new standard)

The proposed first edition of the Standard for Electric Swimming Pool and Spa Cover Operators, UL 2452, covers pool cover operators intended for installation and use in accordance with Article 680 of the National Electrical Code, NFPA 70, and addresses fire, electric shock, and casualty hazards.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

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

BSR/UL 10C-201x, Standard for Safety for Positive Pressure Fire Tests of Door Assemblies (revision of ANSI/UL 10C-2016)

The following change in requirements to the Standard for Positive Pressure Fire Tests of Door Assemblies is being proposed: (1) Methodology for calculating average temperature.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

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

BSR/UL 263-201X, Standard for Fire Tests of Building Construction and Materials (revision of ANSI/UL 263-2015)

UL proposes the following requirements for UL 263: (A) Removal of the use of thermometers to measure temperatures on the unexposed surfaces, (B) introduction of the use of a cotton pad test to determine conditions sufficient to ignite cotton waste on unexposed surfaces, and (C) expansion of the requirement to reference compliance with ASTM E2794 in reports describing fire tests on beam assemblies; introduction of tests on ceiling membranes, and the introduction of measuring and reporting furnace pressure.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Nicolette Allen, (919) 549-0973, Nicolette.Allen@ul.com

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

BSR/UL 1973-201x, Standard for Safety for Batteries for Use In Light Electric Rail (LER) Applications and Stationary Applications (revision of ANSI/UL 1973-2016)

(1) The proposed 2nd edition of UL 1973 as an American National Standard and National Standard of Canada, which includes the following changes: (a) Revision of short circuit test loading in 14.2, (b) Revision of instruction requirements to include arc flash/blast calculation information to users, (c) Revision to Internal Fire Test, (d) Terminology revision throughout the entire standard to change "electric energy storage systems (EESS)" to "battery systems", (e) Addition of a short circuit current and duration marking for battery systems, and (f) Requirements for Canada.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Megan Van Heirselee, (847) 664-2881, Megan.M.VanHeirselee@ul.com

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

BSR/UL 2743-201x, Standard for Safety for Portable Power Packs (revision of ANSI/UL 2743-2016)

Proposed Second Edition of UL 2743, Portable Power Packs, which includes updating the Standard for use in Canada.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

Comment Deadline: December 5, 2017

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

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

BSR/ASME PTC 47.1-200x, Air Separation Unit (new standard)

This Code applies to any size ASU. It can be used to measure the performance of an ASU in its normal operating condition, with all equipment in a new, clean and fully functional condition. This Code provides explicit methods and procedures for ASUs employing electric motor drive compression equipment, with or without the use of steam and/or electric power for internal regenerative processes.

Single copy price: Free

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

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

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

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

BSR/ASME B5.57-2012 (R201x), Methods for Performance Evaluation of Computer Numerically Controlled Lathes and Turning Centers (reaffirmation of ANSI/ASME B5.57-2012)

This Standard establishes requirements and methods for specifying and testing the performance of CNC lathes and turning centers.

Single copy price: \$100.00

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

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

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

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

BSR/UL 3030-201x, Standard for Safety for Unmanned Aircraft Systems (new standard)

This proposed first edition of the Standard for Unmanned Aircraft Systems covers the electrical system of unmanned aircraft systems (UASs) used in flight for commercial applications or flight incidental to business applications in accordance with U.S. Federal Regulation 14 CFR 107. The UASs are operated by remote pilots and less than 55 lbs (25 kg). The UAS is to have an internal lithium ion battery charged from an external source, have an operating voltage no greater than 100 V dc, and be for outdoor use. Also covered: electrical shock, fire and explosion hazards associated with the inherent features of the UASs, and the battery and charger system combinations to recharge them.

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: Barbara Davis, (510) 319-4233, Barbara.J.Davis@ul.com

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

BSR/UL 8139-201x, Standard for Safety for Electrical Systems of Electronic Cigarettes and Vaping Devices (new standard)

This proposed first edition of the Standard for Electrical Systems of Electronic Cigarettes and Vaping Devices covers the battery-operated electrical systems that use liquid containing varying compositions of flavorings, propylene glycol, glycerin, and other ingredients, with or without nicotine, which is heated into an aerosol that the user inhales. The system includes the charging systems, components, and parts and accessories. Not covered are the consumables, wicks, and other particulate matter inhaled during use or substances in the emissions from the operation of the devices. These requirements do not consider the physiological effects of any consumable used with the devices.

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: Barbara Davis, (510) 319-4233, Barbara.J.Davis@ul.com

Projects Withdrawn from Consideration

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

ASTM (ASTM International)

BSR/ASTM WK56228-201x, New Specification for Metallic Press Fittings with Integral Stainless Steel Press Sleeve for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing (new standard)

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

ASTM (ASTM International)

BSR/ASTM WK56229-201x, New Specification for Plastic Press Fittings with integral Stainless Steel Press Sleeve for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing (new standard)

Home Innovation (Home Innovation Research Labs)

BSR/ICC/ASHRAE 700-201x, National Green Building Standard (revision of ANSI/ICC/ASHRAE-700-2015)

30 Day Notice of Withdrawal: ANS 5 to 10 years past approval date

In accordance with clause 4.7.1 Periodic Maintenance of American National Standards of the ANSI Essential Requirements, the following American National Standards have not been reaffirmed or revised within the five-year period following approval as an ANS. Thus, they shall be withdrawn at the close of this 30-day public review notice in Standards Action.

ALI (ASC A14) (American Ladder Institute)

ANSI A14.1-2007, Ladders - Wood - Safety Requirements

American Ladder Institute - 401 N. Michigan Avenue - Chicago, IL 60611 - Comments must be provided on Comment Form within Standard

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 27185-201x, Cardiac rhythm management devices - Symbols to be used with cardiac rhythm management device labels, and information to be supplied - General requirements (identical national adoption of ISO 27185 (in development) and revision of ANSI/AAMI/ISO 27185-2012 (R2017))

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

Office: 2121 Wilson Blvd
Suite 500
Arlington, VA 22201

Contact: *Ladan Bulookbashi*

Phone: (703) 600-0327

E-mail: lbulookbashi@ahrinet.org

BSR/AHRI Standard 1330-201x, Performance Rating for Radiant Output of Gas Fired Infrared Heaters (revision of ANSI/AHRI Standard 1330-2015)

AWS (American Welding Society)

Office: 8669 NW 36th Street, #130
Miami, Florida 33166-6672

Contact: *Annik Babinski*

Phone: (800) 443-9353

Fax: (305) 443-5951

E-mail: ababinski@aws.org

BSR/AWS D8.2M-201x, Specification for Automotive Weld Quality Resistance Spot Welding of Aluminum (revision of ANSI/AWS D8.2M-2017)

Home Innovation (Home Innovation Research Labs)

Office: 400 Prince George's Boulevard
Upper Marlboro, MD 20774-8731

Contact: *Vladimir Kochkin*

Phone: (301) 430-6249

Fax: (301) 430-6182

E-mail: vkochkin@HomeInnovation.com

BSR/ICC/ASHRAE 700-201x, National Green Building Standard (revision of ANSI/ICC/ASHRAE-700-2015)

ISA (International Society of Automation)

Office: 67 Alexander Drive
Research Triangle Park, NC 27709

Contact: *Eliana Brazda*

Phone: (919) 990-9228

Fax: (919) 549-8288

E-mail: ebrazda@isa.org

BSR/ISA 62443-4-1-201x, Security for industrial automation and control systems Part 4-1: Product security development life-cycle requirements (new standard)

NEMA (ASC C136) (National Electrical Manufacturers Association)

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

Contact: *Karen Willis*

Phone: (703) 841-3277

Fax: (703) 841-3378

E-mail: Karen.Willis@nema.org

BSR C136.23-201x, Standard for Roadway and Area Lighting Equipment - Enclosed Architectural Luminaires (revision of ANSI C136.23-2012)

BSR C136.27-201x, Standard for Roadway and Area Lighting Equipment - Tunnel and Underpass Lighting Luminaires (revision of ANSI C136.27-2012)

BSR C136.55-201x, Standard for Roadway and Area Lighting Equipment - PE Control of Luminaires using Latitude/Longitude and Astronomical Calculations (new standard)

BSR C136.56-201X, Standard for Roadway and Area Lighting Equipment - Standard Finishes (new standard)

NEMA (National Electrical Manufacturers Association)

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

Contact: *Cassandra Ricci*

Phone: (703) 841-3228

Fax: (703) 841-3328

E-mail: cricci@medicalimaging.org

BSR/NEMA VC 1-201x, Standard for Vendor Credentialing in Healthcare (new standard)

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 (i13r1), Dispensing Freezers (revision of ANSI/NSF 6-2016)

BSR/NSF 170-201x (i21r2), Glossary of Food Equipment Terminology (revision of ANSI/NSF 170-2015)

BSR/NSF 419-201x (i4r1), Public Drinking Water Equipment Performance - Membrane Filtration (revision of ANSI/NSF 419-2015)

RESNA (Rehabilitation Engineering and Assistive Technology Society of North America)

Office: 1560 Wilson Blvd.
Suite 850
Arlington, VA 22209-1903

Contact: *Yvonne Meding*

Phone: (703) 524-6686

Fax: (703) 524-6686

E-mail: YMeding@resna.org

BSR/RESNA AT-1-201x, RESNA Standard for Assistive Technology for Air Travel - Volume 1: Requirements and Test Methods Related to Mobility Devices (new standard)

TIA (Telecommunications Industry Association)

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

Contact: *Teesha Jenkins*

Phone: (703) 907-7706

Fax: (703) 907-7727

E-mail: standards@tiaonline.org

BSR/TIA 455-111-A-201x, FOTP-111 IEC-60793-1-34 Optical Fibres - Part 1-34: Measurement Methods and Test Procedures - Fibre Curl (identical national adoption of IEC-60793-1-34 Optical Fibres- Part 1-34: Measurement Methods and Test Procedures - Fibre Curl)

BSR/TIA 1005-A-2-201x, Telecommunications Infrastructure Standard for Industrial Premises Addendum 2, Performance Requirements for four-pair Industrial Cables and Cabling Supporting 1000BASE-T for MICE2 and MICE3 Environments (addenda to ANSI/TIA 1005-A-2012)

BSR/TIA 5056-201x, Single Balanced Twisted-Pair Cabling and Components Standard (new standard)

UL (Underwriters Laboratories, Inc.)

Office: 12 Laboratory Drive
Suite 400
Research Triangle Park, NC 27709-3995

Contact: *Mary Huras*

Phone: (613) 368-4425

E-mail: Mary.Huras@ul.com

BSR/UL 10C-201x, Standard for Safety for Positive Pressure Fire Tests of Door Assemblies (revision of ANSI/UL 10C-2016)

BSR/UL 2452-201X, Standard for Safety for Electric Swimming Pool and Spa Cover Operators (new standard)

Call for Members (ANS Consensus Bodies)

ICC/ASHRAE 700-201x, National Green Building Standard

Response Deadline: November 5, 2017

Home Innovation Research Labs is seeking committee members for ICC/ASHRAE 700-201x, National Green Building Standard (revision of ICC/ASHRAE 700-2015).

NOTE: Additional opportunity for applicants with interest in mixed-use buildings (residential and commercial occupancies) and buildings with institutional (I-1) occupancies for assisted living facilities, residential board and care facilities, and group homes.

Website for submitting application: www.homeinnovation.com/ngbs or contact:

Vladimir Kochkin
Home Innovation Research Labs
400 Prince George's Boulevard
Upper Marlboro, MD 20774-8731

Phone: (301) 430-6249

E-mail: standards@homeinnovation.com or vkochkin@homeinnovation.com

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.

ACCA (Air Conditioning Contractors of America)

Reaffirmation

ANSI/ACCA 10 Manual SPS-2010 (RA 2017), HVAC Design for Swimming Pools and Spas (reaffirmation of ANSI/ACCA 10 Manual SPS-2010): 9/27/2017

APCO (Association of Public-Safety Communications Officials-International)

New Standard

ANSI/APCO 1.114.1-2017, APCO Recommended Best Practices for PSAPs when Processing Vehicle Telematics Calls from Telematics Service Providers (new standard): 9/29/2017

ASA (ASC S12) (Acoustical Society of America)

Reaffirmation

ANSI/ASA S12.9-2007/Part 5 (R2017), Quantities and Procedures for Description and Measurement of Environmental Sound - Part 5: Sound Level Descriptors for Determination of Compatible Land Use (reaffirmation of ANSI/ASA S12.9-2007/Part 5 (R2012)): 9/29/2017

ANSI/ASA S12.12-1992 (R2017), Engineering Method for the Determination of Sound Power Levels of Noise Sources Using Sound Intensity (reaffirmation of ANSI/ASA S12.12-1992 (R2012)): 9/29/2017

ANSI/ASA S12.43-1997 (R2017), Methods for Measurement of Sound Emitted by Machinery and Equipment at Workstations and Other Specified Positions (reaffirmation of ANSI/ASA S12.43-1997 (R2012)): 9/29/2017

ANSI/ASA S12.44-1997 (R2017), Standard Methods for Calculation of Sound Emitted by Machinery and Equipment at Workstations and Other Specified Positions from Sound Power Level (reaffirmation of ANSI/ASA S12.44-1997 (R2012)): 9/29/2017

ANSI/ASA S12.68-2007 (R2017), Methods of Estimating Effective A-Weighted Sound Pressure Levels When Hearing Protectors are Worn (reaffirmation of ANSI/ASA S12.68-2007 (R2012)): 9/29/2017

ASABE (American Society of Agricultural and Biological Engineers)

New National Adoption

ANSI/ASABE/ISO 12003-1-SEP17, Agricultural and forestry tractors - Roll-over protective structures on narrow-track wheeled tractors - Part 1: Front-mounted ROPS (identical national adoption of ISO 12003-1:2008): 9/25/2017

ANSI/ASABE/ISO 12003-2-2008 SEP2017, Agricultural and forestry tractors - Roll-over protective structures on narrow-track wheeled tractors - Part 2: Rear-mounted ROPS (identical national adoption of ISO 12003-2:2008): 9/29/2017

ANSI/ASABE/ISO 5700-2013 SEP2017, Tractors for agriculture and forestry - Roll-over protective structures - Static test method and acceptance conditions (identical national adoption of ISO 5700:2013): 9/29/2017

Revision

ANSI/ASAE EP486.3-2017, Shallow Post and Pier Foundation Design (revision and redesignation of ANSI/ASAE EP486.2-2012): 9/28/2017

ASC X9 (Accredited Standards Committee X9, Incorporated)

Revision

ANSI X9.73-2017, Cryptographic Message Syntax - ASN.1 and XML (revision of ANSI X9.73-2010 (R2017)): 9/28/2017

ASME (American Society of Mechanical Engineers)

Revision

ANSI/ASME A17.6-2017, Standard for Elevator Suspension, Compensation and Governor Systems (revision of ANSI/ASME A17.6-2010): 9/29/2017

ASPE (American Society of Plumbing Engineers)

Revision

ANSI/WQA/ASPE S-803-2017, Sustainable Drinking Water Treatment Systems (revision of ANSI/WQA/ASPE S-803-2015): 9/25/2017

AWS (American Welding Society)

New Standard

ANSI/AWS F1.1M-2017, Methods for Sampling Fumes and Gases Generated by Welding and Allied Processes (new standard): 9/29/2017

Revision

ANSI/AWS D9.1M/D9.1-2017, Sheet Metal Welding Code (revision of ANSI/AWS D9.1M/D9.1-2012): 9/29/2017

AWWA (American Water Works Association)

Revision

ANSI/AWWA B408-2017, Liquid Polyaluminum Chloride (revision of ANSI/AWWA B408-2010): 9/28/2017

ANSI/AWWA B604-2017, Granular Activated Carbon (revision of ANSI/AWWA B604-2012): 9/28/2017

CSA (CSA Group)

Reaffirmation

* ANSI Z21.8-1994 (R2017), Standard for Installation of Domestic Gas Conversion Burners (reaffirmation of ANSI Z21.8-1994 (R2012)): 9/29/2017

* ANSI Z21.101-2012 (R2017), Standard for Gas Hose Connectors for Portable and Movable Gas Appliances (same as CSA 8.5) (reaffirmation of ANSI Z21.101-2012): 9/29/2017

IEEE (Institute of Electrical and Electronics Engineers)

New Standard

ANSI/IEEE 1785.2-2016, Standard for Rectangular Metallic Waveguides and Their Interfaces for Frequencies of 110 GHz and Above - Part 2: Waveguide Interfaces (new standard): 9/27/2017

ISA (International Society of Automation)***New Standard***

ANSI/ISA 95.00.07-2018, Enterprise-Control System Integration - Part 7: Alias Service Model (new standard): 9/28/2017

ITI (INCITS) (InterNational Committee for Information Technology Standards)***New Standard***

INCITS 510-2017, Information technology - Fibre Channel - Generic Services - 7 (FC-GS-7) (new standard): 9/28/2017

NASBLA (National Association of State Boating Law Administrators)***New Standard***

* ANSI/NASBLA 101-2017, Basic Boating Knowledge - Human-Propelled (new standard): 9/28/2017

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

ANSI/UL 60335-2-89-2017, Standard for Safety for Household and Similar Electrical Appliances - Part 2: Particular Requirements for Commercial Refrigerating Appliances with an Incorporated or Remote Refrigerant Unit or Compressor (national adoption with modifications of IEC 60335-2-89): 9/29/2017

ANSI/UL 60335-2-89-2017a, Standard for Safety for Household and Similar Electrical Appliances - Part 2: Particular Requirements for Commercial Refrigerating Appliances with an Incorporated or Remote Refrigerant Unit or Compressor (national adoption with modifications of IEC 60335-2-89): 9/29/2017

New Standard

ANSI/UL 2748-2017, Standard for Safety for Arcing Fault Quenching Equipment (new standard): 9/22/2017

ANSI/UL 2748-2017a, Standard for Safety for Arcing Fault Quenching Equipment (new standard): 9/22/2017

Reaffirmation

ANSI/UL 242-2004 (R2017), Standard for Safety for Nonmetallic Containers for Waste Paper (reaffirmation of ANSI/UL 242-2004 (R2013)): 9/28/2017

ANSI/UL 448A-2013 (R2017), Standard for Safety for Flexible Couplings and Connecting Shafts for Stationary Fire Pumps (reaffirmation of ANSI/UL 448A-2013): 9/22/2017

ANSI/UL 1315-2003 (R2017), Standard for Safety for Metal Waste Paper Containers (reaffirmation of ANSI/UL 1315-2003 (R2012)): 9/28/2017

Revision

ANSI/UL 94-2017a, Standard for Safety for Tests for Flammability of Plastic Materials for Parts in Devices and Appliances (revision of ANSI/UL 94-2017): 9/25/2017

ANSI/UL 1030-2017, Standard for Safety for Sheathed Heating Elements (revision of ANSI/UL 1030-2015): 9/28/2017

Project Initiation Notification System (PINS)

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

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

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

AAMI (Association for the Advancement of Medical Instrumentation)

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Arlington, VA 22203-1633

Contact: Jennifer Moyer

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E-mail: jmoyer@aami.org

BSR/AAMI/ISO 27185-201x, Cardiac rhythm management devices - Symbols to be used with cardiac rhythm management device labels, and information to be supplied - General requirements (identical national adoption of ISO 27185 (in development) and revision of ANSI/AAMI/ISO 27185-2012 (R2017))

Stakeholders: Manufacturers, regulators, clinicians.

Project Need: This revision will consider adding additional symbols and making updates where required.

Identifies requirements for the development and use of symbols that may be used to convey information on the safe and effective use of cardiac rhythm management medical devices. The document is limited to symbols applicable to cardiac rhythm management medical devices that may be marketed globally. These symbols may be used on the device itself or its labels.

ACCT (Association for Challenge Course Technology)

Office: 4770 Baseline Rd., Ste 200
Boulder, CO 80303

Contact: Shawn Tierney

E-mail: shawn@acctinfo.org

BSR/ACCT 03-201x, Challenge Courses and Canopy/Zip Line Tours Standard (revision of ANSI/ACCT 03-2016)

Stakeholders: Challenge course (including aerial adventure park and canopy/zip line tour) designers, engineers, installers, inspectors, trainers, owners, operators, Government departments and agencies, end users (participants/patrons).

Project Need: With the explosion in popularity, there is a pressing need for more comprehensive standards that address the growing range of Challenge Course, Aerial adventure Park, and Zip Line technologies and all facets of their use.

Included are standards for facilities used for any purpose including amusement, recreation, team development, therapy, or education. Challenge Courses now have three distinct operating methodologies: facilitated (such as traditional Ropes and Challenge Courses), guided (such as Canopy and Zip Line Tours), or self-guided and monitored (such as Aerial Adventure/Trekking Parks).

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

Office: 2121 Wilson Blvd
Suite 500
Arlington, VA 22201

Contact: Ladan Bulookbashi

E-mail: lbulookbashi@ahrinet.org

BSR/AHRI Standard 1330-201x, Performance Rating for Radiant Output of Gas Fired Infrared Heaters (revision of ANSI/AHRI Standard 1330-2015)

Stakeholders: This standard is intended for the guidance of the industry, including manufacturers, engineers, installers, contractors, and users.

Project Need: The purpose of this standard is to establish for infrared heaters: definitions; test requirements; rating requirements; nomenclature; minimum data requirements for Published Ratings; marking and nameplate data; and conformance conditions. This standard will be revised for alignment with the current editions of prEN 416 and 419 standards.

This standard applies to Infrared Heaters that are Gas-Fired High-Intensity Infrared Heaters and Gas-Fired Low-Intensity Infrared Heaters with inputs up to and including 117.5 kW per burner intended for installation in and heating of outdoor or indoor spaces. Exclusions: This standard does not apply to heaters that do not radiate their energy into a single measuring plane.

ASCE (American Society of Civil Engineers)

Office: 1801 Alexander Bell Dr
Reston, VA 20191

Contact: James Neckel

E-mail: jneckel@asce.org

BSR/ASCE/T&DI-201xYY, Design, Construction and Maintenance of Permeable Interlocking Concrete Pavement (new standard)

Stakeholders: Design professionals, civil engineers, the industry, public stormwater and transportation agencies.

Project Need: Permeable interlocking concrete pavement (PICP) can provide a durable and effective pavement and stormwater management system.

This document provides information for professionals to use in the design of permeable pavement systems. This includes structural and hydrologic design, key design elements, long-term maintenance, applicable standards, guide specifications, definitions, and best practices. This Standard Guideline is recommended for roadways with design speeds no greater than 50 kph (35 mph) receiving less than one million Equivalent Single Axle Loads (ESALs).

ASME (American Society of Mechanical Engineers)

Office: Two Park Avenue
New York, NY 10016

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Fax: (212) 591-8501

E-mail: ansibox@asme.org

BSR/ASME TES-2-200x, Safety Standard for Thermal Energy Storage Systems Requirements for Phase Change, Solid and Other Thermal Energy Storage Systems (new standard)

Stakeholders: This standard would be suitable for use by manufacturers, owners, employers, users, and others concerned with, or responsible for its application by prescribing safety requirements.

Project Need: This standard would provide guidance on the design, construction, testing, maintenance, operation of thermal-energy storage systems, including but not limited to phase-change materials and solid-state energy storage media. This standard would be suitable for use by manufacturers, owners, employers, users, and others concerned with, or responsible for, its application by prescribing safety requirements. There is currently no such standard in existence and several stakeholders have indicated a need for such a standard.

This standard would provide guidance on the design, construction, testing, maintenance, operation of thermal energy storage systems, including but not limited to phase change materials and solid-state energy storage media.

ASTM (ASTM International)

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

Contact: *Corice Leonard*

Fax: (610) 834-3683

E-mail: accreditation@astm.org

BSR/ASTM E0927-201x, Standard Specification for Solar Simulation for Photovoltaic Testing (new standard)

Stakeholders: Photovoltaic Electric Power Conversion industry.

Project Need: This specification provides means for classifying solar simulators intended for indoor testing of photovoltaic devices (solar cells or modules), according to their spectral match to a reference spectral irradiance, non-uniformity of spatial irradiance, and temporal instability of irradiance.

[https://compass.astm.org/EDIT/html_annot.cgi?E927+10\(2015\)](https://compass.astm.org/EDIT/html_annot.cgi?E927+10(2015))

BSR/ASTM E0948-201x, Standard Test Method for Electrical Performance of Photovoltaic Cells Using Reference Cells Under Simulated Sunlight (new standard)

Stakeholders: Photovoltaic Electric Power Conversion industry.

Project Need: This test method covers the determination of the electrical performance of a photovoltaic cell under simulated sunlight by means of a calibrated reference cell procedure.

https://compass.astm.org/EDIT/html_annot.cgi?E948+16#s00001

BSR/ASTM E0973-201x, Standard Test Method for Determination of the Spectral Mismatch Parameter between a Photovoltaic Device and a Photovoltaic Reference Cell (new standard)

Stakeholders: Photovoltaic Electric Power Conversion industry.

Project Need: This test method provides a procedure for the determination of a spectral mismatch parameter used in performance testing of photovoltaic devices.

https://compass.astm.org/EDIT/html_annot.cgi?E973+16

BSR/ASTM E1021-201x, Standard Test Method for Spectral Responsivity Measurements of Photovoltaic Devices (new standard)

Stakeholders: Photovoltaic Electric Power Conversion industry.

Project Need: This test method is to be used to determine either the absolute or relative spectral responsivity response of a single-junction photovoltaic device.

https://compass.astm.org/EDIT/html_annot.cgi?E1021+15#s00001

BSR/ASTM E1036-201x, Standard Test Methods for Electrical Performance of Nonconcentrator Terrestrial Photovoltaic Modules and Arrays Using Reference Cells (new standard)

Stakeholders: Photovoltaic Electric Power Conversion industry.

Project Need: These test methods cover the electrical performance of photovoltaic modules and arrays under natural or simulated sunlight using a calibrated reference cell.

https://compass.astm.org/EDIT/html_annot.cgi?E1036+15#s00001

BSR/ASTM E1038-201x, Standard Test Method for Determining Resistance of Photovoltaic Modules to Hail by Impact with Propelled Ice Balls (new standard)

Stakeholders: Photovoltaic Electric Power Conversion industry.

Project Need: This test method provides a procedure for determining the ability of photovoltaic modules to withstand impact forces of falling hail. Propelled ice balls are used to simulate falling hailstones.

[https://compass.astm.org/EDIT/html_annot.cgi?E1038+10\(2015\)#s00001](https://compass.astm.org/EDIT/html_annot.cgi?E1038+10(2015)#s00001)

BSR/ASTM E1040-201x, Standard Specification for Physical Characteristics of Nonconcentrator Terrestrial Photovoltaic Reference Cells (new standard)

Stakeholders: Photovoltaic Electric Power Conversion industry.

Project Need: This specification describes the physical requirements for primary and secondary terrestrial nonconcentrator photovoltaic reference cells. A reference cell is defined as a device that meets the requirements of this specification and is calibrated in accordance with Test Method E1125 or Test Method E1362.

[https://compass.astm.org/EDIT/html_annot.cgi?E1040+10\(2016\)#s00001](https://compass.astm.org/EDIT/html_annot.cgi?E1040+10(2016)#s00001)

BSR/ASTM E1125-201x, Standard Test Method for Calibration of Primary Non-Concentrator Terrestrial Photovoltaic Reference Cells Using a Tabular Spectrum (new standard)

Stakeholders: Photovoltaic Electric Power Conversion industry.

Project Need: This test method is intended for calibration and characterization of primary terrestrial photovoltaic reference cells to a desired reference spectral irradiance distribution, such as Table G173. The recommended physical requirements for these reference cells are described in Specification E1040. Reference cells are principally used in the determination of the electrical performance of photovoltaic devices.

https://compass.astm.org/EDIT/html_annot.cgi?E1125+16#s00001

BSR/ASTM E1143-201x, Standard Test Method for Determining the Linearity of a Photovoltaic Device Parameter with Respect to a Test Parameter (new standard)

Stakeholders: Photovoltaic Electric Power Conversion industry.

Project Need: This test method determines the degree of linearity of a photovoltaic device parameter with respect to a test parameter, for example, short-circuit current with respect to irradiance.

[https://compass.astm.org/EDIT/html_annot.cgi?E1143+05\(2015\)#s00001](https://compass.astm.org/EDIT/html_annot.cgi?E1143+05(2015)#s00001)

BSR/ASTM E1171-201x, Standard Test Methods for Photovoltaic Modules in Cyclic Temperature and Humidity Environments (new standard)

Stakeholders: Photovoltaic Electric Power Conversion industry.

Project Need: These test methods provide procedures for stressing photovoltaic modules in simulated temperature and humidity environments. Environmental testing is used to simulate aging of module materials on an accelerated basis.

https://compass.astm.org/EDIT/html_annot.cgi?E1171+15

BSR/ASTM E1362-201x, Standard Test Methods for Calibration of Non-Concentrator Photovoltaic Non-Primary Reference Cells (new standard)

Stakeholders: Photovoltaic Electric Power Conversion industry.

Project Need: These test methods cover calibration and characterization of non-primary terrestrial photovoltaic reference cells to a desired reference spectral irradiance distribution. The recommended physical requirements for these reference cells are described in Specification E1040. Reference cells are principally used in the determination of the electrical performance of a photovoltaic device.

https://compass.astm.org/EDIT/html_annot.cgi?E1362+15

BSR/ASTM E1462-201x, Standard Test Methods for Insulation Integrity and Ground Path Continuity of Photovoltaic Modules (new standard)

Stakeholders: Photovoltaic Electric Power Conversion industry.

Project Need: These test methods cover procedures for (1) testing for current leakage between the electrical circuit of a photovoltaic module and its external components while a user-specified voltage is applied and (2) for testing for possible module insulation breakdown (dielectric voltage withstand test).

https://compass.astm.org/EDIT/html_annot.cgi?E1462+12

BSR/ASTM E1597-201x, Standard Test Method for Saltwater Pressure Immersion and Temperature Testing of Photovoltaic Modules for Marine Environments (new standard)

Stakeholders: Photovoltaic Electric Power Conversion industry.

Project Need: This test method provides a procedure for determining the ability of photovoltaic modules to withstand repeated immersion or splash exposure by seawater as might be encountered when installed in a marine environment, such as a floating aid-to-navigation.

[https://compass.astm.org/EDIT/html_annot.cgi?E1597+10\(2015\)](https://compass.astm.org/EDIT/html_annot.cgi?E1597+10(2015))

BSR/ASTM E1799-201x, Standard Practice for Visual Inspections of Photovoltaic Modules (new standard)

Stakeholders: Photovoltaic Electric Power Conversion industry.

Project Need: This practice covers procedures and criteria for visual inspections of photovoltaic modules.

https://compass.astm.org/EDIT/html_annot.cgi?E1799+12

BSR/ASTM E1802-201x, Standard Test Methods for Wet Insulation Integrity Testing of Photovoltaic Modules (new standard)

Stakeholders: Photovoltaic Electric Power Conversion industry.

Project Need: These test methods provide procedures to determine the insulation resistance of a photovoltaic (PV) module, i.e., the electrical resistance between the module's internal electrical components and its exposed, electrically conductive, non-current-carrying parts and surfaces.

https://compass.astm.org/EDIT/html_annot.cgi?E1802+12#s00001

BSR/ASTM E1830-201x, Standard Test Methods for Determining Mechanical Integrity of Photovoltaic Modules (new standard)

Stakeholders: Photovoltaic Electric Power Conversion industry.

Project Need: These test methods cover procedures for determining the ability of photovoltaic modules to withstand the mechanical loads, stresses, and deflections used to simulate, on an accelerated basis, high wind conditions, heavy snow and ice accumulation, and non-planar installation effects.

https://compass.astm.org/EDIT/html_annot.cgi?E1830+15#s00001

BSR/ASTM E2047-201x, Standard Test Method for Wet Insulation Integrity Testing of Photovoltaic Arrays (new standard)

Stakeholders: Photovoltaic Electric Power Conversion industry.

Project Need: This test method covers a procedure to determine the insulation resistance of a photovoltaic (PV) array (or its component strings), that is, the electrical resistance between the array's internal electrical components and is exposed, electrically conductive, non-current-carrying parts and surfaces of the array.

[https://compass.astm.org/EDIT/html_annot.cgi?E2047+10\(2015\)#s00001](https://compass.astm.org/EDIT/html_annot.cgi?E2047+10(2015)#s00001)

BSR/ASTM E2236-201x, Standard Test Methods for Measurement of Electrical Performance and Spectral Response of Nonconcentrator Multijunction Photovoltaic Cells and Modules (new standard)

Stakeholders: Photovoltaic Electric Power Conversion industry.

Project Need: These test methods provide special techniques needed to determine the electrical performance and spectral response of two-terminal, multijunction photovoltaic (PV) devices, both cell and modules.

[https://compass.astm.org/EDIT/html_annot.cgi?E2236+10\(2015\)](https://compass.astm.org/EDIT/html_annot.cgi?E2236+10(2015))

BSR/ASTM E2481-201x, Standard Test Method for Hot Spot Protection Testing of Photovoltaic Modules (new standard)

Stakeholders: Photovoltaic Electric Power Conversion industry.

Project Need: This test method provides a procedure to determine the ability of a photovoltaic (PV) module to endure the long-term effects of periodic "hot spot" heating associated with common fault conditions such as severely cracked or mismatched cells, single-point open-circuit failures (for example, interconnect failures), partial (or non-uniform) shadowing or soiling.

https://compass.astm.org/EDIT/html_annot.cgi?E2481+12

BSR/ASTM E2527-201x, Standard Test Method for Electrical Performance of Concentrator Terrestrial Photovoltaic Modules and Systems Under Natural Sunlight (new standard)

Stakeholders: Photovoltaic Electric Power Conversion industry.

Project Need: This test method covers the determination of the electrical performance of photovoltaic concentrator modules and systems under natural sunlight using a normal incidence pyrheliometer.

https://compass.astm.org/EDIT/html_annot.cgi?E2527+15

BSR/ASTM E2685-201x, Standard Specification for Steel Blades Used with the Photovoltaic Module Surface Cut Test (new standard)

Stakeholders: Photovoltaic Electric Power Conversion industry.

Project Need: This specification specifies the recommended physical characteristics of the steel blades required for the surface cut test described in ANSI/UL 1703 (Section 24) and IEC 61730-2 (Paragraph 10.3).

https://compass.astm.org/EDIT/html_annot.cgi?E2685+15

BSR/ASTM E2766-201x, Standard Practice for Installation of Roof Mounted Photovoltaic Arrays on Steep-Slope Roofs (new standard)

Stakeholders: Photovoltaic Electric Power Conversion industry.

Project Need: This practice details minimum requirements for the installation of roof-mounted photovoltaic arrays on steep-sloped roofs with water-shedding roof coverings. These requirements include proper water-shedding integration with the roof system, material properties, flashing of roof penetrations, and sufficient anchoring per regional design-load requirements.

https://compass.astm.org/EDIT/html_annot.cgi?E2766+13

BSR/ASTM E2848-201x, Standard Test Method for Reporting Photovoltaic Non-Concentrator System Performance (new standard)

Stakeholders: Photovoltaic Electric Power Conversion industry.

Project Need: This test method provides measurement and analysis procedures for determining the capacity of a specific photovoltaic system built in a particular place and in operation under natural sunlight.

https://compass.astm.org/EDIT/html_annot.cgi?E2848+13#s00001

BSR/ASTM E2908-201x, Standard Guide for Fire Prevention for Photovoltaic Panels, Modules, and Systems (new standard)

Stakeholders: Photovoltaic Electric Power Conversion industry.

Project Need: This guide describes basic principles of photovoltaic module design, panel assembly, and system installation to reduce the risk of fire originating from the photovoltaic source circuit.

https://compass.astm.org/EDIT/html_annot.cgi?E2908+12

BSR/ASTM E2939-201x, Standard Practice for Determining Reporting Conditions and Expected Capacity for Photovoltaic Non-Concentrator Systems (new standard)

Stakeholders: Photovoltaic Electric Power Conversion industry.

Project Need: This practice provides procedures for determining the expected capacity of a specific photovoltaic system in a specific geographical location that is in operation under natural sunlight during a specified period of time. The expected capacity is intended for comparison with the measured capacity determined by Test Method E2848.

https://compass.astm.org/EDIT/html_annot.cgi?E2939+13

BSR/ASTM E3006-201x, Standard Practice for Ultraviolet Conditioning of Photovoltaic Modules or Mini-Modules Using a Fluorescent Ultraviolet (UV) Lamp Apparatus (new standard)

Stakeholders: Photovoltaic Electric Power Conversion industry.

Project Need: This practice covers specific procedures and test conditions for performing ultraviolet conditioning exposures on photovoltaic modules or mini-modules using fluorescent ultraviolet lamps in accordance with Practices G151 and G154. This practice covers test conditions that meet the requirements for UV preconditioning in initial qualification tests of photovoltaic modules or mini-modules as published in International Electrotechnical Commission (IEC) standards.

https://compass.astm.org/EDIT/html_annot.cgi?E3006+15

BSR/ASTM F1047-201x, Standard Specification for Frying and Braising Pans, Tilting Type (new standard)

Stakeholders: Cooking and Warming Equipment industry.

Project Need: This specification covers tilting frying and braising pans (also known as tilting skillets; called braising pans in this standard) suitable for the preparation of foods by several methods, such as frying, braising, and boiling.

https://compass.astm.org/EDIT/html_annot.cgi?F1047+10#s00001

BSR/ASTM WK23821-201x, New Test Methods for Fire Tests of Transportation Tunnel Structural Components and Passive Fire Protection Systems (new standard)

Stakeholders: Fire Resistance industry.

Project Need: This test method is applicable to the fire resistance of concrete tunnel linings. Concrete design mixes, tunnel linings and fire protection methods are specific to each tunnel project. Therefore, results of the spalling test are only valid for the specific materials and systems employed during each test, notwithstanding maximum and minimum limitations.

<https://www.astm.org/DATABASE.CART/WORKITEMS/WK23821.htm>

BSR/ASTM WK49851-201x, New Test Methods for Artificial Accelerated Weathering of Materials for Solar Applications Under Simulated Sunlight (new standard)

Stakeholders: Photovoltaic Electric Power Conversion industry.

Project Need: This test method covers artificial accelerated weathering procedures for testing the durability properties of materials, components, and systems in solar and renewable energy applications.

<https://www.astm.org/DATABASE.CART/WORKITEMS/WK49851.htm>

BSR/ASTM WK60578-201x, New Test Method for Walkway Traction Testing Using a Variable Angle Tribometer (new standard)

Stakeholders: Traction industry.

Project Need: This test method covers the use of Variable Angle Tribometers (VATs) for obtaining walkway traction measurements. This test method covers testing under wet walkway surface conditions. This test method does not address all methodological issues associated with its use.

<https://www.astm.org/DATABASE.CART/WORKITEMS/WK60578.htm>

AWS (American Welding Society)

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Miami, Florida 33166-6672

Contact: *Annik Babinski*

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BSR/AWS D8.2M-201x, Specification for Automotive Weld Quality Resistance Spot Welding of Aluminum (revision of ANSI/AWS D8.2M-2017)

Stakeholders: Automotive community, resistance spot welding community.

Project Need: This document has been prepared to establish post-weld acceptance criteria for resistance spot welds in automotive structures fabricated from aluminum. As a specification, the criteria and techniques contained in this standard are obligatory when cited as a normative reference on a drawing or in a contract.

This document contains both visual and measurable acceptance criteria for resistance spot welds in aluminum. The information contained herein may be used as an aid by designers, resistance-welding equipment manufacturers, welded product producers, and others involved in the automotive industry and resistance spot welding of aluminum.

CSA (CSA Group)

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Cleveland, OH 44131

Contact: Cathy Rake

Fax: (216) 520-8979

E-mail: cathy.rake@csagroup.org

- * BSR/CSA FC 6-200x, Fuel cell technologies - Fuel cell modules - Safety (national adoption with modifications of IEC 62282-2-1)

Stakeholders: Consumers, manufacturers, certifying agencies.

Project Need: Adopt standard for safety.

FC 6 will provide the minimum requirements for safety and performance of fuel cell modules and applies to fuel cell modules with the following electrolyte chemistry:

- alkaline;
- polymer electrolyte (including direct methanol fuel cells);
- phosphoric acid;
- molten carbonate;
- solid oxide; and
- aqueous solution of salts.

EOS/ESD (ESD Association, Inc.)

Office: 7900 Turin Rd., Bldg. 3
Rome, NY 13440

Contact: Christina Earl

Fax: (315) 339-6793

E-mail: cearl@esda.org

- BSR/ESD STM11.13-201x, ESD Association Standard Test Method for the Protection of Electrostatic Discharge Susceptible Items - Two-Point Resistance Measurement (revision of ANSI/ESD STM11.13-2015)

Stakeholders: Electronics industry including telecom, consumer, medical, and industrial.

Project Need: This standard test method provides a test method to measure the resistance between two points on an item's surface.

This standard test method is intended for measuring the resistance of packaging items in the range of $1.0 \times 10E4 < R < 1.0 \times 10E11$ ohms.

Home Innovation (Home Innovation Research Labs)

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- * BSR/ICC/ASHRAE 700-201x, National Green Building Standard (revision of ANSI/ICC/ASHRAE-700-2015)

Stakeholders: Construction companies; land developers; architects; code officials; building owners and managers; remodelers; manufacturers of building materials and appliances.

Project Need: General update and revised scope.

The provisions of this Standard shall apply to the design, construction, alteration, enlargement, and renovation of (1) all residential buildings, (2) residential portions of mixed-use buildings, or (3) mixed-use buildings where the residential portion is greater than 50 percent of the gross floor area. This Standard shall also apply to subdivisions, building sites, building lots, and accessory structures. For the purpose of this standard, assisted living facilities, residential board and care facilities, and group homes classified as an I-1 occupancy as defined by the International Building Code shall also be considered residential.

NEMA (ASC C136) (National Electrical Manufacturers Association)

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Rosslyn, VA 22209

Contact: Karen Willis

Fax: (703) 841-3378

E-mail: Karen.Willis@nema.org

- BSR C136.23-201x, Standard for Roadway and Area Lighting Equipment - Enclosed Architectural Luminaires (revision of ANSI C136.23-2012)

Stakeholders: Users, producers, designers, and specifiers.

Project Need: This project is needed to add current technology to the document and update references.

This standard is intended to cover physical, operating, maintenance, and light distribution features that permit use of architectural luminaires in roadway applications when so specified. The architectural luminaires covered by this standard include side-mounted, square, rectangular, cylindrical, spherical, and other types of decorative or nostalgic historical style luminaires that are considered to be any significant deviation from the luminaire style that has evolved in the industry as predominantly (commonly) known as the cobra-head style covered in ANSI C136.14. It is not intended that compliance with this standard will permit interchangeability with existing roadway equipment without thorough engineering review and evaluation.

- BSR C136.27-201x, Standard for Roadway and Area Lighting Equipment - Tunnel and Underpass Lighting Luminaires (revision of ANSI C136.27-2012)

Stakeholders: Users, producers, designers, and specifiers.

Project Need: This project is needed to add current technology to the document and update references.

This standard covers luminaires used for illuminating roadway tunnels and underpasses. The requirements in this standard are limited to general attributes of tunnel luminaires due to the wide variety of designs possible.

- BSR C136.55-201x, Standard for Roadway and Area Lighting Equipment - PE Control of Luminaires using Latitude/Longitude and Astronomical Calculations (new standard)

Stakeholders: Users, producers, specifiers, test labs.

Project Need: This standard is needed to determine proper offsets from sunrise and sunset for various environments and conditions.

To develop criteria for control of outdoor luminaire using latitude/longitude and astronomical calculations.

- BSR C136.56-201X, Standard for Roadway and Area Lighting Equipment - Standard Finishes (new standard)

Stakeholders: Users, producers, test labs, specifiers.

Project Need: This project is needed to establish basic standard finishes and testing requirements for outdoor lighting products.

This document establishes basic standard finishes and testing requirements for outdoor lighting products. It includes wet and dry finishes, as well as unfinished metallic, anodized, and hot and cold galvanized surface finishes. This standard includes, but is not limited to, luminaires, brackets, external hardware, transformer bases, control cabinets, and poles. This standard does not cover polymeric components.

NEMA (National Electrical Manufacturers Association)

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

Contact: *Cassandra Ricci*

Fax: (703) 841-3328

E-mail: cricci@medicalimaging.org

BSR/NEMA VC 1-201x, Standard for Vendor Credentialing in Healthcare (new standard)

Stakeholders: Hospital associations, medical facilities vendor credentialing companies, suppliers, healthcare industry representatives, manufacturers of medical devices and imaging products, and accreditors.

Project Need: Develop a national standard to support a vendor credentialing program in healthcare.

NEMA proposes the first national standard for vendor credentialing in healthcare. This standard seeks to articulate credentialing requirements for healthcare industry representatives entering healthcare facilities for the purpose of conducting business. Requirements range from addressing concerns in health and safety to privacy.

NETA (InterNational Electrical Testing Association)

Office: 3050 Old Centre
Suite 101
Portage, MI 49024

Contact: *Kristen Wicks*

Fax: (269) 488-3683

E-mail: kwicks@netaworld.org

BSR/NETA MTS-2019-201x, NETA Standard for Maintenance Testing Specifications for Electrical Power Equipment and Systems (revision of ANSI/NETA MTS-2015)

Stakeholders: Large industry, healthcare, and institution maintenance departments; P&C insurance underwriters; governmental agencies; A&E firms; inspection authorities.

Project Need: Outlines the tests and inspections needed for continued operation of existing electrical systems and equipment.

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.

NPES (ASC CGATS) (Association for Suppliers of Printing, Publishing and Converting Technologies)

Office: 1899 Preston White Drive
Reston, VA 20191

Contact: *Debra Orf*

Fax: (703) 620-0994

E-mail: dorf@npes.org

BSR IT8.7/5-201x, Graphic technology - Input data for characterization of 4-color process printing - Extended data set (new standard)

Stakeholders: Color characterization data equipment and software manufacturers and the users of this equipment.

Project Need: To provide ink value combinations repeated in both single-color scales and in various overprint combinations. This document replaces duplicate patches with new ink value combinations.

This standard defines a data set of ink value combinations that may be used to characterize four-color process printing. This data set is not optimized for any printing process or application area, but is robust enough for all general applications. The needs of publication, commercial, and package printing with offset lithography, gravure, flexography, and other printing processes have been considered. While it is primarily aimed at process color printing with CMYK inks, it may also be used with any combination of three chromatic inks and a dark ink. It is seen as an alternate to the IT8.7/4 data set where more neutral scale data is desired.

RESNA (Rehabilitation Engineering and Assistive Technology Society of North America)

Office: 1560 Wilson Blvd.
Suite 850
Arlington, VA 22209-1903

Contact: *Yvonne Meding*

Fax: (703) 524-6686

E-mail: YMeding@resna.org

- * BSR/RESNA AT-1-201x, RESNA Standard for Assistive Technology for Air Travel - Volume 1: Requirements and Test Methods Related to Mobility Devices (new standard)

Stakeholders: Airline carriers, airline manufacturers, wheelchair manufacturers, passenger and boarding service providers and airline employees, health insurance providers and payers, disability-related consumer advocacy organizations, Government agencies, wheelchair repair companies, rehabilitation programs, and air travelers with functional impairments and caregivers.

Project Need: Assistive technologies that have to be stored in the baggage areas on board aircraft are often damaged by the time they are returned to the passenger at their destination. Content for a standardized information card and checklist, labeling, handling procedures, and training are needed to improve the process for the storage and handling of mobility technologies that are required for passengers who are not ambulatory. Manufacturers/AT suppliers/passengers need guidance/education to improve air transport.

For efficient and safe handling and storage of many types of assistive technologies (AT) for passengers with mobility impairments (PWMI) on aircraft, the following will be created: a checklist of the dimensional, performance, and instructional information to be physically and/or electronically associated with the AT; procedures and training for the handling of AT; labeling and design specifications for AT suitable for transport in commercial aircraft. Create and disseminate information for PWMI.

TIA (Telecommunications Industry Association)

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Suite 200
Arlington, VA 22201

Contact: Teesha Jenkins

Fax: (703) 907-7727

E-mail: standards@tiaonline.org

BSR/TIA 455-111-A-201x, FOTP -111 IEC-60793-1-34 Optical Fibres - Part 1-34: Measurement Methods and Test Procedures - Fibre Curl (identical national adoption of IEC-60793-1-34, Optical Fibres - Part 1-34: Measurement Methods and Test Procedures - Fibre Curl)

Stakeholders: Fiber optic and cabled fiber and component manufacturers.

Project Need: Adopt identical ISO or IEC standard.

This part of IEC 60793 establishes uniform requirements for the mechanical characteristic fibre curl or latent curvature, in uncoated optical fibres. Fibre curl has been identified as an important parameter for minimizing the splice loss of optical fibres when using passive alignment fusion splicers or active alignment mass fusion splicers.

BSR/TIA 5056-201x, Single Balanced Twisted-Pair Cabling and Components Standard (new standard)

Stakeholders: All users and manufacturers of telecommunications cabling systems.

Project Need: Create new standard.

A single balanced twisted-pair cabling and components standard to provide specifications for cables, connectors, cords, links and channels using 1-pair connectivity in non-industrial premises telecommunications networks. The standard will focus on MICE1 environments and will include cabling and component performance requirements and test procedures, reliability requirements and test procedures, as well as guidelines for adaptations to four pair cabling.

UL (Underwriters Laboratories, Inc.)

Office: 333 Pvingsten Road
Northbrook, IL 60062

Contact: Caitlin D'Onofrio

E-mail: caitlin.donofrio@ul.com

BSR/UL/ULC-180-201x, Standard for Liquid Level Gauges, Level Indicators and Aboveground Piping for Combustible Liquids (new standard)

Stakeholders: Manufacturers of liquid level gauges, level indicators, and aboveground piping for combustible liquids.

Project Need: To obtain national recognition of a standard covering accessories (Liquid Level, Fill Signal Devices, and Aboveground Piping Systems) for use on atmospheric aboveground tanks not exceeding 19,927 L (5,000 U.S. gal), which are intended for the storage and supply of heating fuels for oil-burning equipment, diesel fuels for compression ignition engines, motor oils (new or used) for automotive service stations, and similar combustible liquid applications.

This Standard covers the tank accessories identified below, for use on atmospheric aboveground tanks not exceeding 19,927 L (5,000 U.S. gal) which are intended for the storage and supply of heating fuels for oil burning equipment, diesel fuels for compression ignition engines, motor oils (new or used) for automotive service stations, and similar combustible liquid applications: (A) Liquid Level Gauges, (B) Fill Signal Devices, and (C) Aboveground Piping Systems.

VC (ASC Z80) (The Vision Council)

Office: 225 Reinekers Lane
Alexandria, VA 22314

Contact: Michele Stolberg

E-mail: ascz80@thevisioncouncil.org

* BSR Z80.3-201x, Nonprescription Sunglass and Fashion Eyewear Requirements (revision of ANSI Z80.3-2015)

Stakeholders: Manufacturers of sunglasses and fashion eyewear to be sold in the U.S. Opticians and eyecare practitioners who recommend and/or dispense (sell) such eyewear.

Project Need: Replacement of Section 5.8 which describes a test technique that is not usable.

This standard applies to all nonprescription sunglasses and fashion eyewear, normally used for casual, dress, and recreational purposes, having lenses of substantially plano power. This standard specifically excludes products covered by ANSI Z87.1, ANSI Z80.1, ASTM F803, and high-impact resistance eyewear designed exclusively for designated sports use. Sunglass needs for aphakics may not be met by this standard.

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.

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

ACCA

Air Conditioning Contractors of
America
2800 Shirlington Road
Suite 300
Arlington, VA 22206
Phone: (703) 824-8868
Web: www.acca.org

ACCT

Association for Challenge Course
Technology
4770 Baseline Rd., Ste 200
Boulder, CO 80303
Phone: (303) 328-5978
Web: www.acctinfo.org

AHRI

Air-Conditioning, Heating, and
Refrigeration Institute
2121 Wilson Blvd
Suite 500
Arlington, VA 22201
Phone: (703) 600-0327
Web: www.ahrinet.org

APCO

Association of Public-Safety
Communications Officials-
International
351 N. Williamson Boulevard
Daytona Beach, FL 32114-1112
Phone: (386) 322-2500
Fax: (386) 944-2794
Web: www.apcolntl.org

API

American Petroleum Institute
1220 L Street, NW
Washington, DC 20005-4070
Phone: (202) 682-8571
Fax: (202) 962-4797
Web: www.api.org

ASA (ASC S12)

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

ASABE

American Society of Agricultural and
Biological Engineers
2950 Niles Road
Saint Joseph, MI 49085
Phone: (269) 932-7027
Fax: (269) 429-3852
Web: www.asabe.org

ASC X9

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

ASCE

American Society of Civil Engineers
1801 Alexander Bell Dr
Reston, VA 20191
Phone: 703-295-6176
Web: www.asce.org

ASME

American Society of Mechanical
Engineers
Two Park Avenue
New York, NY 10016
Phone: (212) 591-8521
Fax: (212) 591-8501
Web: www.asme.org

ASPE

American Society of Plumbing
Engineers
6400 Shafer Court
Suite 350
Rosemont, IL 60018
Phone: (847) 296-0002
Fax: (847) 296-2963
Web: www.aspe.org

ASTM

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

AWC

American Wood Council
222 Catocin Circle
Suite 201
Leesburg, VA 20175
Phone: (202) 463-2770
Fax: (202) 463-2791
Web: www.awc.org

AWS

American Welding Society
8669 NW 36th Street, #130
Miami, Florida 33166-6672
Phone: (800) 443-9353
Fax: (305) 443-5951
Web: www.aws.org

AWWA

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

CSA

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

EOS/ESD

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

Home Innovation

Home Innovation Research Labs
400 Prince George's Boulevard
Upper Marlboro, MD 20774-8731
Phone: (301) 430-6249
Fax: (301) 430-6182
Web: www.HomeInnovation.com

ICC

International Code Council
4051 West Flossmoor Road
Country Club Hills, IL 60478-5795
Phone: (888) 422-7233
Fax: (708) 799-0320
Web: www.iccsafe.org

IEEE

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

ISA (Organization)

International Society of Automation
67 Alexander Drive
Research Triangle Park, NC 27709
Phone: (919) 990-9228
Fax: (919) 549-8288
Web: www.isa.org

ITI (INCITS)

InterNational Committee for
Information Technology Standards
1101 K Street NW
Suite 610
Washington, DC 20005
Phone: (202) 626-5737
Web: www.incits.org

NASBLA

National Association of State Boating
Law Administrators
1648 McGrathiana Parkway
Suite 360
Lexington, KY 40511
Phone: (859) 225-9487
Web: www.nasbla.org

NEMA (ASC C136)

National Electrical Manufacturers
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Web: www.nema.org

NEMA (Canvass)

National Electrical Manufacturers
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NETA

InterNational Electrical Testing
Association

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NPES (ASC CGATS)

NPES

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NSF

NSF International

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RESNA

Rehabilitation Engineering and
Assistive Technology Society of
North America

1560 Wilson Blvd.
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TIA

Telecommunications Industry
Association

1320 North Courthouse Road
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Web: www.tiaonline.org

UL

Underwriters Laboratories, Inc.

333 Pfingsten Road
Northbrook, IL 60062
Phone: (613) 368-4430
Web: www.ul.com

VC (ASC Z80)

The Vision Council of North America

225 Reinekers Lane
Alexandria, VA 22314
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Web: www.z80asc.com



ISO & IEC Draft International Standards

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

Comments

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

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

Ordering Instructions

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

ISO Standards

ACOUSTICS (TC 43)

ISO/DIS 7779, Acoustics - Measurement of airborne noise emitted by information technology and telecommunications equipment - 10/21/2017, \$134.00

ISO/DIS 9053, Acoustics - Determination of static airflow resistance - 12/22/2017, \$53.00

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO/DIS 9167, Rapeseed - Determination of glucosinolates content - Method using high-performance liquid chromatography - 12/21/2017, \$93.00

AIR QUALITY (TC 146)

ISO/DIS 12219-8, Interior air of road vehicles - Part 8: Handling and packaging of materials and components for emission testing - 10/21/2017, \$53.00

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

ISO/DIS 80601-2-12, Medical electrical equipment - Part 2-12: Particular requirements for basic safety and essential performance of critical care ventilators - 10/20/2017, \$165.00

CERAMIC TILE (TC 189)

ISO/DIS 10545-2, Ceramic tiles - Part 2: Determination of dimensions and surface quality - 10/22/2017, \$62.00

DENTISTRY (TC 106)

ISO 6872/DAmD1, Aggregates for concrete - Determination of bulk density - Amendment 1 - 10/21/2017, \$29.00

ERGONOMICS (TC 159)

ISO/DIS 24507, Ergonomics - Accessible design - Doors and handles of consumer products - 12/22/2017, \$46.00

GRAPHIC TECHNOLOGY (TC 130)

ISO/DIS 20294, Graphic technology - Quantification and communication for calculating the carbon footprint of e-media - 10/19/2017, \$102.00

ISO/DIS 20677, Image technology colour management - Extensions to architecture, profile format, and data structure - 10/21/2017, \$203.00

HUMAN RESOURCE MANAGEMENT (TC 260)

ISO/DIS 30401, Knowledge management systems - Requirements - 12/17/2017, \$82.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO/DIS 10303-62, Industrial automation systems and integration - Product data representation and exchange - Part 62: Integrated generic resource: Equivalence validation of product data - 10/23/2017, \$98.00

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

ISO/DIS 16812, Petroleum, petrochemical and natural gas industries - Shell-and-tube heat exchangers - 10/21/2017, \$33.00

ISO/DIS 19904-1, Petroleum and natural gas industries - Floating offshore structures - Part 1: Ship-shaped, semi-submersible, spar and shallow-draught cylindrical structures - 12/21/2017, \$194.00

MEDICAL DEVICES FOR INJECTIONS (TC 84)

ISO 11070/DAmD1, Sterile single-use intravascular introducers, dilators and guidewires - Amendment 1 - 12/17/2017, \$29.00

OTHER

ISO/DIS 22700, Leather - Measurement of the colour and colour difference of finished leather - 12/18/2017, \$58.00

PAPER, BOARD AND PULPS (TC 6)

ISO/DIS 21400, Pulp - Determination of cellulose nanocrystal sulfur and sulfate half-ester content - 12/23/2017, \$93.00

ISO/DIS 7263-1, Corrugating medium - Determination of the flat crush resistance after laboratory fluting - Part 1: A-flute - 12/18/2017, \$58.00

ISO/DIS 7263-2, Corrugating medium - Determination of the flat crush resistance after laboratory fluting - Part 2: B-flute - 12/18/2017, \$58.00

PLASTICS (TC 61)

ISO/DIS 21305-1, Plastics - Polycarbonate (PC) moulding and extrusion materials - Part 1: Designation system and basis for specification - 10/21/2017, \$40.00

ISO/DIS 21305-2, Plastics - Polycarbonate (PC) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties - 10/21/2017, \$46.00

ISO/DIS 21309-2, Plastics - Ethylene/vinyl alcohol (EVOH) copolymer moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties - 10/21/2017, \$71.00

TRADITIONAL CHINESE MEDICINE (TC 249)

ISO/DIS 20498-1, Traditional Chinese medicine - Computerized tongue image analysis system - Part 1: General requirements - 12/23/2017, \$53.00

WATER RE-USE (TC 282)

ISO/DIS 20670, Water reuse - Vocabulary - 10/20/2017, \$58.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 29112, Information technology - Office equipment - Test pages and methods for measuring monochrome printer resolution - 10/20/2017, \$125.00

ISO/IEC DIS 18745-1, Information technology - Test methods for machine readable travel documents (MRTD) and associated devices - Part 1: Physical test methods for passport books (durability) - 10/23/2017, \$125.00

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

IEC Standards

9/2320/FDIS, IEC 62888-1 ED1: Railway applications - Energy measurement on board trains - Part 1: General, /2017/11/1

9/2321/FDIS, IEC 62888-2 ED1: Railway applications - Energy measurement on board trains - Part 2: Energy measurement, /2017/11/1

9/2322/FDIS, IEC 62888-3 ED1: Railway applications - Energy measurement on board trains - Part 3: Data handling, /2017/11/1

9/2323/FDIS, IEC 62888-4 ED1: Railway applications - Energy measurement on board trains - Part 4: Communication, /2017/11/1

14/933/FDIS, IEC 60076-7 ED2: Power transformers - Part 7: Loading guide for mineral-oil-immersed power transformers, /2017/11/1

15/812/FDIS, IEC 60370 ED2: Test procedure for thermal endurance of insulating resins and varnishes for impregnation purposes - Electric breakdown methods, /2017/11/1

17C/670/CDV, IEC 62271-209 ED2: High-voltage switchgear and controlgear - Part 209: Cable connections for gasinsulated metal-enclosed switchgear for rated voltages above 52 kV - Fluid-filled and extruded insulation cables - Fluid-filled and dry-type cable-terminations, /2017/12/2

29/966/CD, IEC 60601-2-66 ED3: Medical electrical equipment - Part 2 -66: Particular requirements for the basic safety and essential performance of hearing instruments and hearing instrument systems, /2017/12/2

31M/122/FDIS, ISO/IEC 80079-20-1 ED1: Explosive atmospheres - Part 20-1: Material characteristics for gas and vapour classification - Test methods and data, /2017/11/1

37A/305A/CD, IEC 61643-12 ED3: Low-voltage surge protective devices - Part 12: Surge protective devices connected to low-voltage power distribution systems - Selection and application principles, 2017/12/1

40/2556/CDV, IEC 60286-5 ED3: Packaging of components for automatic handling - Part 5: Matrix trays, /2017/12/2

40/2557/CDV, IEC 61051-1 ED3: Varistors for use in electronic equipment - Part 1: Generic specification, /2017/12/2

42/356/CDV, IEC 61083-1 ED3: Instruments and software used for measurements in high-voltage and high-current tests - Part 1: Requirements for hardware for impulse tests (PROPOSED HORIZONTAL STANDARD), /2017/12/2

48D/649/CDV, IEC 62966-1 ED1: Mechanical structures for electrical and electronic equipment - Aisle containment for IT cabinets - Part 1: Dimensions and mechanical requirements, /2017/12/2

49/1254/FDIS, IEC 60122-1/AMD1 ED3: Quartz crystal units of assessed quality - Part 1: Generic specification, /2017/11/1

51/1204/NP, PNW 51-1204: Magnetic powder cores - Guidelines on dimensions and the limits of surface irregularities - Part 1: General specification, /2017/12/2

51/1205/NP, PNW 51-1205: Magnetic powder cores - Guidelines on dimensions and the limits of surface irregularities - Part X: Ring-cores, /2017/12/2

62B/1068/CDV, IEC 62464-1 ED2: Magnetic resonance equipment for medical imaging - Part 1: Determination of essential image quality parameters, /2017/12/2

62C/700/CDV, IEC 60601-2-1 ED4: Medical electrical equipment - Part 2-1: Particular requirements for the basic safety and essential performance of electron accelerators in the range 1 MeV to 50 MeV, /2017/12/2

62D/1503/CDV, ISO 80601-2-12 ED2: Medical electrical equipment - Part 2-12: Particular requirements for the basic safety and essential performance of critical care ventilators, /2017/12/2

64/2237/CD, IEC 60364-7-701 ED3: Low-voltage electrical installations - Part 7-701: Requirements for special installations or locations - Locations containing a bath or shower, /2017/12/2

65E/567/FDIS, IEC 61804-2 ED3: Function blocks (FB) for process control and electronic device description language (EDDL) - Part 2: Specification of FB concept, /2017/11/1

65E/568/CD, ISO/IEC 62264-6 ED1: Enterprise/Control System Integration - Messaging Service Model, /2017/12/2

69/531/FDIS, IEC 61851-21-2 ED1: Electric vehicle conductive charging system - Part 21-2: Electric vehicle requirements for conductive connection to an AC/DC supply - EMC requirements for off board electric vehicle charging systems, /2017/11/1

76/588/FDIS, IEC 60825-1/ISH2 ED3: Interpretation sheet 2 - Safety of laser products - Part 1: Equipment classification and requirements, /2017/11/1

76/587/FDIS, IEC 60825-1/ISH1 ED3: Interpretation sheet 1 - Safety of laser products - Part 1: Equipment classification and requirements, /2017/11/1

76/589/CD, IEC TR 62471-4 ED1: Photobiological Safety of Lamps and Lamp Systems: Measuring Methods, /2017/12/2

- 76/580/CDV, IEC 60601-2-22 ED4: Medical electrical equipment - Part 2-22: Particular requirements for basic safety and essential performance of surgical, cosmetic, therapeutic and diagnostic laser equipment, /2017/12/2
- 80/855(F)/CDV, IEC 61993-2 ED3: Maritime navigation and radiocommunication equipment and systems - Automatic identification systems (AIS) - Part 2: Class A shipborne equipment of the automatic identification system (AIS) - Operational and performance requirements, methods of test and required test results, 2017/12/1
- 82/1327/CDV, IEC 61853-4 ED1: Photovoltaic (PV) module performance testing and energy rating - Part 4: Standard reference climatic profiles, /2017/12/2
- 82/1326/CDV, IEC 61853-3 ED1: Photovoltaic (PV) module performance testing and energy rating - Part 3: Energy rating of PV modules, /2017/12/2
- 91/1467/CD, IEC 61189-5-504 ED1: Test methods for electrical materials, interconnection structures and assemblies - Part 5-504: General test methods for materials and assemblies - Process ionic contamination testing (PICT), /2017/12/2
- 91/1466/NP, PNW 91-1466: Test methods for electrical materials, printed board and other interconnection structures and assemblies - Part 2-801: Thermal Conductivity Test for Base Materials, /2017/12/2
- 94/423(F)/CDV, IEC 61810-10 ED1: Electromechanical elementary relays - Part 10: High capacity relays - Additional functional aspects and safety requirements, /2017/11/2
- 100/2989/FDIS, IEC 62731 ED2: Text to Speech for Television - General Requirements, /2017/11/1
- 104/756/CD, IEC 60068-3-3 ED2: Environmental testing - Part 3-3: Guidance - Seismic test methods for equipments, /2017/11/2
- 107/316/FDIS, IEC 62396-2 ED2: Process management for avionics - Atmospheric radiation effects - Part 2: Guidelines for single event effects testing for avionics systems, /2017/11/1
- 110/914/NP, PNW 110-914: Electronic display devices - Part 2-2: Measurements of optical characteristics - Ambient performance, /2017/11/2
- CIS/B/687(F)/CDV, Amendment 2 Fragment 1 to CISPR 11 Ed. 6: Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement - Requirements for air-gap wireless power transfer (WPT), 2017/12/1



Newly Published ISO & IEC Standards

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

ISO Standards

AIRCRAFT AND SPACE VEHICLES (TC 20)

[ISO 19924:2017](#), Space systems - Acoustic testing, \$103.00

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

[IEC 80601-2-59:2017](#), Medical electrical equipment - Part 2-59: Particular requirements for the basic safety and essential performance of screening thermographs for human febrile temperature screening, FREE

CORK (TC 87)

[ISO 4708:2017](#), Composition cork - Gasket material - Test methods, \$68.00

FOOTWEAR (TC 216)

[ISO 20536:2017](#), Footwear - Critical substances potentially present in footwear and footwear components - Determination of phenol in footwear materials, \$68.00

INDUSTRIAL FURNACES AND ASSOCIATED PROCESSING EQUIPMENT (TC 244)

[ISO 13578:2017](#), Industrial furnaces and associated processing equipment - Safety requirements for machinery and equipment for production of steel by electric arc furnaces, \$162.00

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

[ISO 13623:2017](#), Petroleum and natural gas industries - Pipeline transportation systems, \$232.00

PACKAGING (TC 122)

[ISO 28219:2017](#), Packaging - Labelling and direct product marking with linear bar code and two-dimensional symbols, \$209.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

[ISO 16975-3:2017](#), Respiratory protective devices - Selection, use and maintenance - Part 3: Fit-testing procedures, \$162.00

ROAD VEHICLES (TC 22)

[ISO 16673:2017](#), Road vehicles - Ergonomic aspects of transport information and control systems - Occlusion method to assess visual demand due to the use of in-vehicle systems, \$103.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

[ISO 20053:2017](#), Ships and marine technology - Marine environment protection - Specifications on design and selection of sorbents, \$45.00

SOLAR ENERGY (TC 180)

[ISO 9806:2017](#), Solar energy - Solar thermal collectors - Test methods, \$232.00

TECHNICAL DRAWINGS, PRODUCT DEFINITION AND RELATED DOCUMENTATION (TC 10)

[ISO 8887-1:2017](#), Technical product documentation - Design for manufacturing, assembling, disassembling and end-of-life processing - Part 1: General concepts and requirements, \$68.00

[ISO 13567-2:2017](#), Technical product documentation - Organization and naming of layers for CAD - Part 2: Concepts, format and codes used in construction documentation, \$68.00

TOBACCO AND TOBACCO PRODUCTS (TC 126)

[ISO 4387/Amd2:2017](#), Cigarettes - Determination of total and nicotine-free dry particulate matter using a routine analytical smoking machine - Amendment 2, \$19.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

[ISO 21210/Amd1:2017](#), Cigarettes - Determination of total and nicotine-free dry particulate matter using a routine analytical smoking machine - Amendment 1, \$19.00

TYRES, RIMS AND VALVES (TC 31)

[ISO 18805:2017](#), Tyre classification - Agricultural, forestry and construction machines, \$45.00

WATER QUALITY (TC 147)

[ISO 9696:2017](#), Water quality - Gross alpha activity - Test method using thick source, \$103.00

ISO Technical Specifications

ROAD VEHICLES (TC 22)

[ISO/TS 22239-3:2017](#), Road vehicles - Child seat presence and orientation detection system (CPOD) - Part 3: Labelling, \$45.00

RUBBER AND RUBBER PRODUCTS (TC 45)

[ISO/TS 21522:2017](#), Rubber process fumes components - Quantitative test methods, \$45.00

WATER QUALITY (TC 147)

[ISO/TS 15923-2:2017](#), Water quality - Determination of selected parameters by discrete analysis systems - Part 2: Chromium(VI), fluoride, total alkalinity, total hardness, calcium, magnesium, iron, iron(II), manganese and aluminium with photometric detection, \$162.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 19944:2017](#), Information technology - Cloud computing - Cloud services and devices: Data flow, data categories and data use, \$185.00

IEC Standards

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

[IEC 60728-13-1 Ed. 2.0 en cor.1:2017](#), Corrigendum 1 - Cable networks for television signals, sound signals and interactive services - Part 13-1: Bandwidth expansion for broadcast signal over FTTH system, \$0.00

ELECTRICAL ACCESSORIES (TC 23)

[IEC 62986 Ed. 1.0 en:2017](#), Plugs, socket-outlets and couplers with arcuate contacts, \$352.00

ELECTROMECHANICAL COMPONENTS AND MECHANICAL STRUCTURES FOR ELECTRONIC EQUIPMENTS (TC 48)

[IEC 60130-1 Ed. 2.0 b:1988](#), Connectors for frequencies below 3 MHz. Part 1: General requirements and measuring methods., \$47.00

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

[IEC 61520 Ed. 1.0 b cor.1:2017](#), Corrigendum 1 - Metal thermowells for thermometer sensors - Functional dimensions, \$0.00

LAMPS AND RELATED EQUIPMENT (TC 34)

[IEC 61347-1 Amd.1 Ed. 3.0 b:2017](#), Amendment 1 - Lamp controlgear - Part 1: General and safety requirements, \$23.00

[IEC 61347-1 Ed. 3.1 b:2017](#), Lamp controlgear - Part 1: General and safety requirements, \$528.00

POWER ELECTRONICS (TC 22)

[IEC 62040-1 Ed. 2.0 en:2017](#), Uninterruptible power systems (UPS) - Part 1: Safety requirements, \$413.00

SMALL POWER TRANSFORMERS AND REACTORS AND SPECIAL TRANSFORMERS AND REACTORS (TC 96)

[IEC 61558-1 Ed. 3.0 b:2017](#), Safety of transformers, reactors, power supply units and combinations thereof - Part 1: General requirements and tests, \$410.00

[S+ IEC 61558-1 Ed. 3.0 en:2017 \(Redline version\)](#), Safety of transformers, reactors, power supply units and combinations thereof - Part 1: General requirements and tests, \$534.00

ULTRASONICS (TC 87)

[IEC 62359 Amd.1 Ed. 2.0 en:2017](#), Amendment 1 - Ultrasonics - Field characterization - Test methods for the determination of thermal and mechanical indices related to medical diagnostic ultrasonic fields, \$199.00

[IEC 62359 Ed. 2.1 en:2017](#), Ultrasonics - Field characterization - Test methods for the determination of thermal and mechanical indices related to medical diagnostic ultrasonic fields, \$762.00

IEC Technical Reports

HIGH VOLTAGE DIRECT CURRENT (HVDC) TRANSMISSION FOR DC VOLTAGES ABOVE 100 KV (TC 115)

[IEC/TR 62978 Ed. 1.0 en:2017](#), HVDC installations - Guidelines on asset management, \$317.00

Registration of Organization Names in the United States

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

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

PUBLIC REVIEW

ORSUS

Public Review: August 11 to November 9, 2017

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

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

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

Proposed Foreign Government Regulations

Call for Comment

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

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

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

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

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

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

Information Concerning

American National Standards

Call for Members

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

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

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

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

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

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

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

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

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

ANSI Accredited Standards Developers

Approval of Reaccreditation

ASC O1 – Safety Requirements for Woodworking Machinery

The reaccreditation of Accredited Standards Committee O1, Safety Requirements for Woodworking Machinery, has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on ASC O1-sponsored American National Standards, effective September 29, 2017. For additional information, please contact the Secretariat of ASC O1: Ms. Jennifer Miller, Associate Director, Wood Machinery Manufacturers of America, 9 Newport Drive, Suite 200, Forest Hill, MD 21050; phone: 443.640.1052, ext. 127; e-mail: jennifer@wmma.org.

AMC Institute

The reaccreditation of the AMC Institute, an ANSI member and Accredited Standards Developer (ASD), has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on AMCI-sponsored American National Standards, effective September 28, 2017. For additional information, please contact: Ms. Erin Carter, Associate Executive Director, AMC Institute, 1940 Duke Street, Suite 200, Alexandria, VA 22314; phone: 703.570.8954; e-mail: ecarter@amcinstitute.org.

Builders Hardware Manufacturers Association (BHMA)

The reaccreditation of the Builders Hardware Manufacturers Association (BHMA), an ANSI member and Accredited Standards Developer (ASD), has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on BHMA-sponsored American National Standards, effective September 29, 2017. For additional information, please contact: Mr. Michael Tierney, Standards Coordinator, 355 Lexington Avenue, 15th Floor, New York, NY 10017-6603; phone: 212.297.2122; e-mail: mtierney@kellenccompany.com.

Home Innovation Research Labs

The reaccreditation of Home Innovation Research Labs, an ANSI member and Accredited Standards Developer (ASD), has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on Home Innovation-sponsored American National Standards, effective September 29, 2017. For additional information, please contact: Mr. Vladimir G. Kochkin, Division Director, Home Innovation Research Labs, 400 Prince George's Boulevard, Upper Marlboro, MD 20774; phone: 301.430.6249; e-mail: vkochkin@HomeInnovation.com.

North American Security Products Organization (NASPO International)

The reaccreditation of the North American Security Products Organization (NASPO International), an ANSI member and Accredited Standards Developer (ASD), has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on NASPO-sponsored American National Standards, effective October 3, 2017. For additional information, please contact: Mr. Michael O'Neil, President, NASPO International, 1300 I Street, NW, Suite 400E, Washington, DC 20005; phone: 612.281.7141; e-mail: mikeo@naspo.info.

Reaccreditation

American Welding Society (AWS)

Comment Deadline: November 6, 2017

The American Welding Society (AWS), an ANSI member and Accredited Standards Developer, has submitted revisions to its currently accredited operating procedures for documenting consensus on AWS-sponsored American National Standards, under which it was originally accredited in March 2012. As the current revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Ms. Annette Alonso, Managing Director, Standards Development, American Welding Society, 8669 NW 36th Street #130, Miami, FL 33166; phone: 305.443.9353, ext. 299; e-mail: aalonso@aws.org. You may view/download a copy of the revisions during the public review period at the following URL: www.ansi.org/accredPR. Please submit any public comments on the revised procedures to AWS by November 6, 2017, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthomps@ANSI.org).

NACE International

Comment Deadline: November 6, 2017

NACE International, an ANSI member and Accredited Standards Developer, has submitted revisions to its currently accredited operating procedures for documenting consensus on NACE International-sponsored American National Standards, under which it was originally accredited in March 2017. As the current revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Mr. Rick Southard, Senior Editor, Technical Activities, NACE International - The Worldwide Corrosion Authority®, 15835 Park Ten Place, Houston, TX 77084; phone: 281.228.6485; e-mail: rick.southard@nace.org. You may view/download a copy of the revisions during the public review period at the following URL: www.ansi.org/accredPR. Please submit any public comments on the revised procedures to NACE International by November 6, 2017, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthomps@ANSI.org).

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO/TC 285 – Clean Cookstoves and Clean Cooking Solutions

Currently, the U.S. holds a leadership position as Secretariat of ISO/TC 285 – Clean cookstoves and clean cooking solutions. ANSI directly administers the Secretariat for ISO/TC 285 with the support of the United Nations Foundation. The United Nations Foundation has advised ANSI to relinquish its role as Secretariat for this committee.

ISO/TC 285 operates under the following scope:

Standardization in the field of cookstoves and clean cooking solutions.

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated secretariat for ISO/TC 285. Alternatively, ANSI may be assigned the responsibility for administering an ISO secretariat. Any request that ANSI accepts to direct administration of an ISO secretariat shall demonstrate that:

1. the affected interests have made a financial commitment for not less than three years covering all defined costs incurred by ANSI associated with holding the secretariat;
2. the affected technical sector, organizations or companies desiring that the U.S. hold the secretariat request that ANSI perform this function;
3. the relevant US TAG has been consulted with regard to ANSI's potential role as secretariat; and
4. ANSI is able to fulfill the requirements of a secretariat.

If no U.S. organization steps forward to assume the ISO/TC 285 secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity, then ANSI will inform the ISO Central Secretariat that the U.S. will relinquish its leadership of the committee. This will allow ISO to solicit offers from other countries interested in assuming the secretariat role.

Information concerning the United States retaining the role of international secretariat may be obtained by contacting ANSI at (isot@ansi.org).

Call for U.S. TAG Administrator

ISO/TC 285 – Clean Cookstoves and Clean Cooking Solutions

Currently, ANSI holds a leadership position as U.S. TAG administrator of ISO/TC 285 – Clean cookstoves and clean cooking solutions. ANSI directly administers the U.S. TAG for ISO/TC 285 with the support of the United Nations Foundation. The United Nations Foundation has advised ANSI to relinquish its role as TAG administrator for this committee.

ISO/TC 285 operates under the following scope:

Standardization in the field of cookstoves and clean cooking solutions.

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

Establishment of ISO Technical Committee

ISO/TC 312 – Excellence in service

A new ISO Technical Committee, ISO/TC 312 – Excellence in service, has been formed. The Secretariat has been assigned to Germany (DIN).

ISO/TC 312 operates under the following scope:

Standardization in the field of excellence in service

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

Establishment of ISO Subcommittee

ISO/TC 34/SC 19 – Bee products

ISO/TC 34 – Food products has created a new ISO Subcommittee on Bee products (SC 19). The Secretariat has been assigned to China (SAC).

ISO/TC 34/SC 19 operates under the following scope:

Standardization of the whole process and circulation of bee products, including but not limited to the following: products standards, basic standards, beekeeping practices, quality standards, testing method standards and storage and transportation standards.

Food safety standards are excluded (already covered in TC 34/SC 17).

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

ISO New Work Item Proposal

Privacy by Design for Consumer Goods and Services

Comment Deadline: October 27, 2017

COPOLO, ISO consumer policy committee, along with BSI, the ISO member from the UK, has submitted to ISO a new work item proposal for the development of an ISO standard on Privacy by design for consumer goods and services, with the following scope statement:

Specification of the design process to provide consumer goods and services that meet consumers' domestic processing privacy needs as well as the personal privacy requirements of Data Protection.

In order to protect consumer privacy the functional scope includes security in order to prevent unauthorized access to data as fundamental to consumer privacy, and consumer privacy control with respect to access to a person's data and their authorized use for specific purposes.

The process is to be based on the ISO 9001 continuous quality improvement process and ISO 10377 product safety by design guidance, as well as incorporating privacy design JTC1 security and privacy good practices, in a manner suitable for consumer goods and services.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, October 27, 2017.

Information Concerning International Organization for Standardization

ISO New Work Item Proposal

Indirect, Temperature-Controlled Refrigerated Delivery Services – Land Transport of Parcels with Intermediate Transfer

Comment Deadline: October 27, 2017

JISC, the ISO member body for Japan, has submitted to ISO a new work item proposal for the development of an ISO standard on Indirect, temperature-controlled refrigerated delivery services – Land transport of parcels with intermediate transfer, with the following scope statement:

This standard specifies requirements for the provision and operation of indirect, temperature-controlled refrigerated delivery services for refrigerated parcels (which might contain temperature-sensitive goods like food, plants, chemical products and cosmetics) in land transport refrigerated vehicles. It includes all refrigerated delivery service stages from the acceptance (receipt) of a refrigerated parcel from its delivery service user all the way to its delivery at the designated destination, including intermediate transfer of the refrigerated parcels between refrigerated vehicles and via geographical routing. This standard also includes requirements for resources, operations and communications to delivery service users. It is intended for application by refrigerated delivery service providers.

It does not cover requirements for refrigerated parcel delivery via the modes of transport by airplane, ship and train. It also does not cover separate requirements for refrigerated parcels that may be transported in ambient temperatures due to the fact that they contain their own refrigeration materials (e.g. ice packs, refrigerated foam bricks, dry ice blocks) and are surrounded and enclosed by sealed thermoprotective packaging that creates a separate refrigerated climate to that provided within the delivery service. However, these types of refrigerated parcels may be transported through a refrigerated delivery service.

It does not cover direct refrigerated courier services in which refrigerated parcels are collected from the delivery service user and transported directly to a recipient without in-transit transfer. It does not cover requirements for the quality or specifically for measuring the temperature of the contents of the refrigerated parcels being delivered and their pre-point of receipt state, but does set the requirements for the refrigerated delivery service carrying them. It also does not cover the transport of medical devices and medical equipment.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, October 27, 2017.

Information Concerning

International Organization for Standardization (ISO)

Call for U.S. Participation at ISO/TC 135 – *Non-destructive testing*

U.S. TAG Meeting Date: October 31, 2017

Please be advised that the [American Society for Nondestructive Testing](#) (ASNT), the ANSI-accredited U.S. TAG Administrator for ISO/TC 135, invites participants to attend the first open committee meeting to be held in conjunction with the ASNT Annual Conference as follows:

2017 ASNT Annual Conference

Location: Gaylord Opryland Resort and Convention

2800 Opryland Drive
Nashville, TN 37214

Room: Belle Meade CD

Committee Meeting: ISO TC-135/ US TAG

Committee Contact: James Bennett, jbennett@asnt.org

Date: 10/31/2017

Start Time: 10:30:00 AM

End Time: 12:30:00 PM

This will be an open meeting.

All U.S. stakeholder organizations in relevant fields and industries are strongly encouraged to join NDT professionals in the U.S. to review and comment on proposed international NDT standards. Lend your voice to the consortium that will promote the U.S. consensus position on NDT matters to the world.

ISO/TC 135 operates under the following scope:

Standardization covering non-destructive testing as applied generally to constructional materials, components and assemblies, by means of:

- *glossary of terms;*
- *methods of test;*
- *performance specifications for testing equipment and ancillary apparatus.*

Excluded:

- *quality levels;*
- *specifications for electrical equipment and apparatus, which fall within the range of IEC Committees.*

Organizations interested in participating in this meeting should contact the U.S. TAG Administrator, James Bennett (jbennett@asnt.org).

Information Concerning

Call for Proposals

Home Innovation Research Labs

Standard: National Green Building Standard (ICC/ASHRAE 700-20xx),

Supersedes: National Green Building Standard (ICC/ASHRAE 700-2015)

Proposal Deadline: November 20, 2017

Home Innovation is expanding the scope of the National Green Building Standard to include mixed-use residential buildings, assisted living facilities, residential board and care facilities, and group homes. Home Innovation is accepting proposed changes from the public on the topics relevant to the expanded scope.

Scope: The provisions of this Standard shall apply to the design, construction, alteration, enlargement, and renovation of (1) all residential buildings, (2) residential portions of mixed-use buildings, or (3) mixed-use buildings where the residential portion is greater than 50 percent of the gross floor area. This Standard shall also apply to subdivisions, building sites, building lots, and accessory structures. For the purpose of this Standard, assisted living facilities, residential board and care facilities, and group homes classified as an I-1 occupancy as defined by the International Building Code shall also be considered residential.

Deadline for submitting proposals: November 20, 2017

Submit proposals at www.homeinnovation.com/NGBS

Direct inquiries to: Vladimir Kochkin at vkochkin@homeinnovation.com or 301-430-6249

API RP 100-1, Hydraulic Fracturing: Well Integrity and Fracture Containment

Proposed revision for recirculation.

4.2 Groundwater Sampling

Once the location for a well has been selected and before the well is drilled, groundwater sources should be identified. Additionally, rivers, creeks, lakes, ponds, and nearby water wells should also be identified. ~~If testing was not done prior to drilling, it should be done prior to hydraulically fracturing a well.~~ If the operator is conducting baseline groundwater sampling, it should be completed prior to the initiating of fracturing operations. See API 100-2 for more detail on groundwater sampling.

[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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5 Design and construction

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5.29 — Instruction plate

~~5.29.1~~ A legible plate or label that provides the manufacturer's recommended cleaning and sanitization procedures shall be permanently affixed to each dispensing freezer. The plate shall call attention to the need to comply with minimum cleaning and sanitization frequencies specified by the federal, state, or local regulatory agency having jurisdiction.

~~5.29.2~~ Batch dispensing freezers shall have a legible plate or label stating that the unit is not designed for product storage and that a single batch of product should not remain in the unit for longer than one hour.

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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. 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 consentient with other NSF standards where label requirements are stated and modified per new technology available to provided graphic instrinctions for cleaning and sanitizing through display screens.

7.4 Batch dispensing freezers

Batch dispensing freezers shall have a permanent label or instruction plate stating that the unit is not designed for product storage and that a single batch of product should not remain in the unit for longer than one hour.

Rationale – Section 5.29.2 has been moved to Section 7 where other label requirements are stated in this standard. This is similar to NSF STD 7 where a specific section related to equipment labeling and literature requirements are covered in one section.

7.35 Remote product supply systems intended for in-place cleaning

If a remote product supply system is used that is intended for in-place cleaning, the manual shall indicate the following information regarding the manufacturers recommended installation restrictions for the remote product supply lines:

- maximum overall length of the product supply line; and
- maximum number of line bends; and
- minimum bend radius; and
- minimum bend angle; and
- maximum number of vertical deflections; and
- maximum peak-to-peak vertical deflection height; and
- maximum overall end-to-end vertical elevation change; and
- remote Product Line Diameter; and
- clean In-Place Pump Specification – Manufacturer Model Number.

Instructions shall provide provisions for Remote Line Set installation such that they remain in their intended configuration and prevent sagging.

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

**NSF International Standard/
American National Standard –**

Glossary of food equipment terminology

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3.xxx solid surface material: a material composed of uniform mixtures of food zone compliant ingredients commonly used in the manufacture of countertops, tabletops or other equipment surfaces.

NOTE - Solid surface materials include polyester, acrylic, engineered stone and quartz/resin based materials.

[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 Public Drinking Water Equipment Performance

Public Drinking Water Equipment Performance – Filtration

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Annex C¹

(informative) (normative)

Data management, analysis, and reporting

Reason: Annex C changed from informative to normative per 2017 PDWEP JC discussion (June 27, 2017).

C.1 Data management and analysis

All operational and analytical data should be gathered and included in test report. The data should consist of results of analyses and measurements and QA/QC reports.

C.2 Work plan

The following is the work plan for data management:

- Laboratory personnel shall record equipment operation, water quality and analytical data by hand on bench sheets.
- All bench sheet entries shall be made in water-insoluble ink.
- All corrections on the bench sheets shall be made by placing one line through the erroneous information. Any corrections shall be dated and initialed by the lab personnel making the correction.
- Pertinent information from the bench sheets shall be entered into a laboratory information management system or equivalent.

The database for verification testing programs shall be set up in the form of custom-designed spreadsheets. Pertinent lab data shall be entered into the appropriate spreadsheets. All recorded calculations shall also be checked at this time. Following data entry, the spreadsheet shall be printed out and the printout checked

¹ ~~The information contained in this annex is not part of this American National Standard (ANS) and has not been processed in accordance with ANSI's requirements for an ANS. Therefore, this annex may contain material that has not been subjected to public review or a consensus process. In addition, it does not contain requirements necessary for conformance to the Standard.~~

against the official laboratory data reports or bench sheets.

C.3 Performance reporting

C.3.1 Microorganism removal shall be evaluated through log reduction calculations. All challenge organism samples shall be analyzed in triplicate, and geometric means calculated. The geometric means shall be log transformed for the purpose of calculating log reductions. To calculate average log reductions, the arithmetic means of the logs of the individual sampling points shall be calculated.

C.3.2 Information on Liquid Contact Angle and others for Annex C Data Management, Analysis, and Reporting

Liquid-membrane contact (e.g., "wetting") angle is measured in degrees and indicated by Θ . The Θ value is used in equations to achieve a resolution of 3 μ with pressure-based direct integrity tests. The pressure applied during the test must be great enough to overcome the capillary forces in a 3 μ hole thus ensuring that any breach large enough to pass *Cryptosporidium* oocysts would also pass air during the test. The amount pressure needed to achieve a 3 μ resolution is important to compliance the LT2ESWTR.

The liquid-membrane contact angle ranges from 0-90° and is primarily a function of the membrane hydrophilicity, which can be characterized in general terms as the affinity of the membrane material for water or the ability of the membrane to become wetted with water. For an ideally hydrophilic membrane, the liquid-membrane contact angle is 0 degrees. Although many membranes used for drinking water applications are manufactured using hydrophilic materials, an ideally hydrophilic membrane is purely theoretical.

The Θ value is unique to a membrane material and type. In the absence of data supplied by the membrane manufacturer, a conservative value of $\Theta = 0$ is suggested in the LTESWTR MFGM. Because a less conservative contact angle can significantly reduce the minimum required integrity test pressure, any value for Θ other than 0 degrees should be well-documented and approved by the State if used for the purposes of regulatory compliance, such as under the LT2ESWTR.

Log Removal Value (LRV) estimate from PDT test data

When using PDT data, an LRV can be estimated by calculation: LRV_{calc} . The LRV_{calc} can be calculated using an equation and measurement during the PDT. However, there are some assumptions which should be discussed and resolved.

The equation for the LRV_{calc} calculation is:

$$LRV_{calc} = \log [(Q_p * ALCR * P_{atm}) / (\Delta P_{test} * V_{sys} * VCF)]$$

The terms in the equation are:

- Q_p - flow measured prior to testing (average of pre and post challenge flow measured);
- ALCR - air-liquid conversion ratio (dimensionless) and read discussion on ALCR;
- P_{atm} - atmospheric pressure at sea level = 14.7 psi;
- ΔP_{test} - decay rate in psi/min (pre and post challenge average);
- V_{sys} - volume (L) of pressurized air in the system during the test which is the hold-up volume;
- VCF - value for deposition mode = 1

The equation for ACLR calculation is:

$$ALCR = 170 \times Y \sqrt{((P_{test} - BP) * x (P_{test} + P_{atm})) \div [(460 + T) * TMP]}$$

The terms of the equation are:

Y = net expansion factor for compressible flow through a pipe to a larger area (dimensionless) but see Crane 1988. Shall we assume isothermal flow through fibers? The range from Page A-22 of Crane are 0.588 - 0.718. So shall we use the middle of the range?

Ptest - direct integrity test pressure (psi);

BP - backpressure on the system during the integrity test (psi) which is always 0 as it is open to the atmosphere;

Patm - atmospheric pressure (psia) and the atmospheric pressure at sea level = 14.7;

T - water temperature (F);

TMP- trans-membrane pressure during normal operation (psi) which is difference between inlet and outlet measured pressure during testing.

Are the assumptions acceptable?

Information from Manufacturer

Table X-Y. Make and Model Module Specifications	
Parameter	Value
Dimensions:	
Nominal Membrane Pore Size	
Fiber Inner Diameter	
Fiber Outer Diameter	
Module diameter	
Module length	
Membrane surface area	
Filtration Flow Direction	
Operating Limits:	
Maximum certified flux at 20 °C	
Maximum certified flow at 20 °C	
Operating temperature range	
Maximum feed pressure	
Maximum transmembrane pressure (TMP)	
Operating pH range	
Maximum chlorine tolerance	
Manufacturing NDPT	
Method	
Quality Control Release Value	

C.4 Report of equipment testing

The report should be issued in draft form for review prior to final publication. The reports should be prepared and consist of the following:

- introduction;
- description and identification of product tested;
- procedures and methods used in testing;
- results and discussion, including QA/QC discussion; and
- references.