

Contents

American National Standards

Call for Comment on Standards Proposals 2
Call for Members (ANS Consensus Bodies) 10
Final Actions 13
Project Initiation Notification System (PINS)..... 14
ANS Maintained Under Continuous Maintenance 17
ANSI-Accredited Standards Developers Contact Information 18

International Standards

ISO and IEC Draft Standards..... 19
ISO and IEC Newly Published Standards..... 22
Registration of Organization Names in the U.S. 24
Proposed Foreign Government Regulations..... 24
Information Concerning 25

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 27, 2016

NSF (NSF International)

Revision

BSR/NSF 14-201x (i81r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2016)

The physical, performance, and health effects requirements in this Standard apply to thermoplastic and thermoset plastic piping system components including, but not limited to, pipes, fittings, valves, joining materials, gaskets, and appurtenances.

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

Send comments (with copy to psa@ansi.org) to: Lauren Panoff, (734) 769-5197, lpanoff@nsf.org

NSF (NSF International)

Revision

BSR/NSF 59-201x (i7r1), Mobile Food Carts (revision of ANSI/NSF 59-2015)

This Standard contains requirements for mobile food carts and their related components and materials. This Standard applies to mobile food carts intended for the preparation and service of food, as well those intended for service of prepackaged food only.

[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 401-201x (i5r1), Drinking water treatment units - Emerging compounds/incidental contaminants (revision of ANSI/NSF 401-2016)

The purpose of this Standard is to establish minimum requirements for materials, design and construction, and performance of drinking water treatment systems that are designed to reduce emerging compounds in public or private water supplies, such as pharmaceutical, personal care products (PPCPs), and endocrine disrupting compounds (EDCs).

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

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 283-201X, Standard for Safety for Air Fresheners and Deodorizers (Proposal dated 10-28-16) (revision of ANSI/UL 283-2015)

This recirculation proposal provides revisions to the UL 283 proposal dated 2016-05-20.

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

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 558-201X, Standard for Safety for Industrial Trucks, Internal Combustion Engine-Powered (Proposal dated 10-28-16) (revision of ANSI/UL 558-2015)

This recirculation proposal provides revisions to the UL 558 proposal dated 2016-08-19.

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

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1042-201x, Standard for Safety for Electric Baseboard Heating Equipment (revision of ANSI/UL 1042-2014)

(1) Clarification of requirements for heating elements.

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

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

UL (Underwriters Laboratories, Inc.)

Revision

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

(3) Clarification of requirements for heating elements.

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

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 2021-201x, Standard for Safety for Fixed and Location-Dedicated Electric Room Heaters (revision of ANSI/UL 2021-2015)

(1) Clarification of requirements for heating elements.

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

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 2846-201x, Standard for Safety for Fire Test of Plastic Water Distribution Plumbing Pipe for Visible Flame and Smoke Characteristics (revision of ANSI/UL 2846-2014)

Document dated 10-28-16 recirculates changes to the scope of products covered by UL 2846 originally proposed in UL's document dated 6-24-2016.

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

Send comments (with copy to psa@ansi.org) to: Paul Lloret, (510) 319-4269, Paul.E.Lloret@ul.com

Comment Deadline: December 12, 2016

ANS (American Nuclear Society)

Reaffirmation

BSR/ANS 16.1-2003 (R201x), Measurement of the Leachability of Solidified Low-Level Radioactive Wastes by a Short-Term Test Procedure (reaffirmation of ANSI/ANS 16.1-2003 (R2008))

This standard provides a uniform procedure to measure and index the release of radionuclides from waste forms as a result of leaching in demineralized water for five days. The results cannot be interpreted to apply to any specific environmental situation except through correlative studies of actual disposal site conditions.

Single copy price: \$25.00

Obtain an electronic copy from: scook@ans.org

Order from: Sue Cook, (708) 579-8210, orders@ans.org; scook@ans.org

Send comments (with copy to psa@ansi.org) to: Patricia Schroeder, (708) 579-8269, pschroeder@ans.org; kmurdoch@ans.org

ASABE (American Society of Agricultural and Biological Engineers)

Reaffirmation

BSR/ASAE EP486.2-2012 (R201x), Shallow Post and Pier Foundation Design (reaffirmation of ANSI/ASAE EP486.2-2012)

Contains safety factors and other provisions for allowable stress design (ASD) which is also known as working stress design, and for load and resistance factor design (LRFD) which is also known as strength design. It contains properties and procedures for modeling soil deformation for use in structural building frame analyses. This engineering practice contains safety factors and other provisions for allowable stress design (ASD) which is also known as working stress design, and for load and resistance factor design (LRFD) which is also known as strength design. It contains properties and procedures for modeling soil deformation for use in structural building frame

Single copy price: \$58.00

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

ASC X9 (Accredited Standards Committee X9, Incorporated)

Reaffirmation

BSR X9.100-130-2011 (R201x), Universal Interbank Batch/Bundle Ticket (reaffirmation of ANSI X9.100-130-2011)

This standard specifies the required elements of the Universal Interbank Batch/Bundle Ticket. It is expected that bankers refer to this standard when designing this form. This standard is sufficiently flexible to meet differing document and institution needs without unnecessary constraints.

Single copy price: \$60.00

Order from: Ambria.Frazier@x9.org

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

ASC X9 (Accredited Standards Committee X9, Incorporated)

Reaffirmation

BSR X9.100-150-2010 (R201x), Check Carrier Envelopes (reaffirmation of ANSI X9.100-150-2010)

This Standard covers design considerations applying to carriers used for forward transit items, return items, and other bank interchange purposes.

Single copy price: \$60.00

Order from: Ambria.Frazier@x9.org

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

ASC X9 (Accredited Standards Committee X9, Incorporated)

Reaffirmation

BSR X9.104-1-2004 (R201x), Financial transactions card originated messages - Card acceptor to acquiring host messages: Messages, data elements and code values (reaffirmation of ANSI X9.104, Part 1-2004 (R2010))

Part 1 of this two-part standard defines a common interface for the exchange of information between point-of-sale systems or terminal devices located in a retail establishment and the acquiring host transaction processing system(s). Part 2 of this two-part American National Standard X9.104 provides example of messages used in the convenience store and petroleum marketing industry based on the message formats defined in X9.104 part 1.

Single copy price: \$100.00

Order from: Janet.Busch@x9.org

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

ASC X9 (Accredited Standards Committee X9, Incorporated)

Reaffirmation

BSR X9.104, Part 2-2004 (R201x), Financial transaction card originated messages - Card acceptor to acquiring host messages - Part 2 Convenience store and petroleum marketing industry (reaffirmation of ANSI X9.104, Part 2-2004 (R2010))

Part 2 of this two-part American National Standard X9.104 provides example of messages used in the convenience store and petroleum marketing industry based on the message formats defined in X9.104 part 1.

Single copy price: \$100.00

Order from: Ambria.Frazier@x9.org

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

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

Revision

BSR/ASHRAE Standard 118.1-201x, Method of Testing for Rating Commercial Gas, Electric and Oil Service Water Heating Equipment (revision of ANSI/ASHRAE Standard 118.1-2012)

This revision of Standard 118.1-2012 updates the Scope to be consistent with the Department of Energy's July 15, 2015, final rule, revises the definitions of Heat Pump water heater, revised test methods and calculations for all heat-pump water heaters, updates Setting Outlet Water Temperature for Heating capacity for Type I, Type II, Type III, Type IV, and Type V heaters, adds new Standby Loss test method and calculations for Type II and Type III Instantaneous Waters, and updates references.

Single copy price: \$35.00

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

Order from: standards.section@ashrae.org

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

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

BSR/ATIS 0300003-201x, XML Schema Interface for Fault Management (Trouble Administration) (revision of ANSI/ATIS 0300003-2015)

This standard provides an XML schema information model for Trouble Administration and an XML schema interface for Trouble Administration functions and services. It is intended to be used in conjunction with ATIS 0300228.2011. Additional information from the original CMIP-based Trouble Administration standard ATIS 0300227.2008 is included in an informative annex to this document.

Single copy price: \$470.00

Order from: Alexandra Blasgen, (202) 434-8840, ablasgen@atis.org

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

AWWA (American Water Works Association)

Revision

BSR/AWWA C224-201x, Nylon-11-Based Polyamide Coatings and Linings for Steel Water Pipe and Fittings (revision of ANSI/AWWA C224-2011)

This standard describes Nylon-11-based polyamide systems for lining and coating of steel pipe, connections, fittings, and special sections (articles) that are used in water-handling equipment that is installed aboveground, belowground, or underwater. Polyamide systems are thermoplastic and are ordinarily applied in a shop or manufacturing facility.

Single copy price: \$20.00

Obtain an electronic copy from: vdauid@awwa.org

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

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

AWWA (American Water Works Association)

Revision

BSR/AWWA C303-201x, Concrete Pressure Pipe, Bar-Wrapped, Steel-Cylinder Type (revision of ANSI/AWWA C303-2008)

This standard describes the manufacture of concrete pressure pipe, reinforced with a steel cylinder that is helically wrapped with mild steel bar reinforcement, in sizes ranging from 10 in. through 72 in. (250 mm through 1,830 mm), inclusive, and for working pressures up to 400 psi (2,760 kPa).

Single copy price: \$20.00

Obtain an electronic copy from: vdauid@awwa.org

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

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

AWWA (American Water Works Association)

Supplement

BSR/AWWA B407a-201x, Addendum to B407-11, Liquid Ferric Chloride (supplement to ANSI/AWWA B407-2011)

This is an addendum for the user of the standard to alleviate the problems of possible solids buildup during the application of ferric chloride. The standard describes ferric chloride in aqueous (liquid) form for use in the treatment of potable water, wastewater, and reclaimed water.

Single copy price: Free

Obtain an electronic copy from: vdauid@awwa.org

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

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

CAPA (Certified Automotive Parts Association)

New Standard

BSR/CAPA 101-001-201x, Standard Test Method for Striker Retention Testing of Automotive Replacement Sheet Metal Hoods with Strikers (new standard)

This test method covers the procedure for retention testing of primary strikers found on sheet metal hoods.

Single copy price: Free

Obtain an electronic copy from: www.CAPACertified.org

Order from: Deborah Klouser, (202) 737-2212, debbie@CAPACertified.org

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

CSA (CSA Group)

New Standard

BSR/CSA LNG 2-201x, Liquefied natural gas vehicle containers (new standard)

This Standard contains performance requirements for the material, design, marking, and testing of serially produced, refillable containers intended only for the storage of liquefied natural gas for medium- and heavy-duty vehicle operation. These containers are to be affixed to the vehicle.

Single copy price: Free

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

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

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

CSA (CSA Group)**Reaffirmation**

BSR Z21.18-2007 (R201x), Gas appliance pressure regulators (same as CSA 6.3) (reaffirmation of ANSI Z21.18-2007 (R2012), ANSI Z21.18a-2010, ANSI Z21.18b-2012)

Details test and examination criteria for gas appliance pressure regulators for use with natural, manufactured and mixed gases, liquefied petroleum gases and LP gas-air mixtures. Such devices, either individual or in combination with other controls, are intended to control selected outlet gas pressures to individual gas appliances.

Single copy price: Free

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

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

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

CSA (CSA Group)**Reaffirmation**

BSR Z21.20-2007 (R201x), Z21.20a-2010 (R201x), Automatic gas ignitions systems and components (same as CSA 2.22) (reaffirmation of ANSI Z21.20-2007 (R2012), Z21.20a-2010 (R2012))

Detailed test and examination criteria for automatic gas ignition systems and components, designed to ignite and reignite an appliance burner(s), for use with natural, manufactured and mixed gases, liquefied petroleum gases, and LP gas-air mixtures.

Single copy price: Free

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

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

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

CSA (CSA Group)**Reaffirmation**

BSR Z21.71-1993 (R201x), and BSR Z21.71a-2004 (R201x), Automatic intermittent pilot ignition systems for field installation (reaffirmation of ANSI Z21.71-1993 (R2007), and ANSI Z21.71a-2004 (R2007))

Details test and examination criteria for automatic intermittent pilot ignition systems designed to be adapted to existing continuous pilot burners on listed forced-air heating appliances and boilers equipped with atmospheric burners. These systems may include pilot igniters and cables, pilot flame sensors, associated system controls, two automatic valves in series controlling main burner gas, associated system wiring, and pressure regulators.

Single copy price: Free

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

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

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

CSA (CSA Group)**Reaffirmation**

BSR Z21.79-1997 (R201x), BSR Z21.79a-2005 (R201x), BSR Z21.79b-2010 (R201x), Gas appliance sediment traps (same as CGA 6.21, a & b) (reaffirmation of ANSI Z21.79-1997 (R2012), ANSI Z21.79a-2005 (R2012), ANSI Z21.79b-2010 (R2012))

Details test and examination criteria for gas appliance sediment traps having a maximum operating gas pressure rating of 1/2 psi. A sediment trap is defined as a device intended to protect appliance gas controls from dirt and foreign particles that may be present in gas piping.

Single copy price: Free

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

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

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

CSA (CSA Group)**Reaffirmation**

BSR Z21.87-2007 (R201x) and Add A, Automatic gas shutoff devices for hot water supply systems and components (reaffirmation of ANSI Z21.87-2007 (R2011) and Add A)

Details test and examination criteria for automatic gas shutoff valves and devices which operate when the temperature sensing element is at 210°F (99°C) or less.

Single copy price: Free

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

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

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

CSA (CSA Group)**Reaffirmation**

BSR Z21.92-2001 (R201x) Add A & Add B (R201x), Manually operated electric gas ignition systems and components (reaffirmation of ANSI Z21.92-2001 (R2012) Add A & Add B)

Details test and examination criteria for manually operated electric gas ignition system which is intended to form an integral part of a gas appliance. An ignition system shall ignite gas at the main or pilot burner using either spark or hot surface ignition. These ignition systems and components are for use with natural, manufactured, and mixed gases; liquefied petroleum, and LP gas-air mixtures.

Single copy price: Free

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

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

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

CSA (CSA Group)**Reaffirmation**

BSR/CSA LC 4-201x, Press-connect metallic fittings for use in fuel gas distribution systems (reaffirmation of ANSI/CSA LC 4-2012, ANSI/CSA LC 4a-2013)

Details test and examination criteria for metallic press-connect type fittings and valves for use with fuel gas tube systems intended for installation above ground, below ground, indoors and outdoors, for operating pressures not exceeding 125 psig for use with copper tube 1/2-inch through 4-inches nominal size.

Single copy price: Free

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

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

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

CSA (CSA Group)**Revision**

BSR Z21.73-201x, Portable Type Gas Camp Lights (same as CSA 11.1) (revision of ANSI Z21.73-2011)

Details test and examination criteria for portable type gas camp lights for use with propane butane, liquefied petroleum gas, and any combination, and for outdoor use only.

Single copy price: Free

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

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

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

CTA (Consumer Technology Association)**Revision**

BSR/CEA 861-G-201x, A DTV Profile for Uncompressed High Speed Digital Interfaces (revision and redesignation of ANSI/CTA 861-G-201x)

ANSI/CEA-861-G establishes protocols, requirements, and recommendations for the utilization of uncompressed digital interfaces by consumer electronics devices such as digital televisions (DTVs), digital cable, satellite, or terrestrial set-top boxes (STBs), and related peripheral devices including, but not limited to DVD players/recorders, and other related sources or sinks.

Single copy price: \$278.00

Obtain an electronic copy from: standards@cta.tech

Order from: standards@cta.tech

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

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

BSR/ESD SP3.3-2012 (R201x), ESD Association Standard Practice for the Protection of Electrostatic Discharge Susceptible Items - Periodic Verification of Air Ionizers (reaffirmation of ANSI/ESD SP3.3-2012)

This standard practice establishes measurement procedures, under recommended conditions, to periodically determine offset voltage (ion balance) and discharge (charge neutralization) times for ionizers in their actual use locations. This standard practice does not include measurements of electromagnetic interference (EMI), or uses of ionizers in connection with ordnance, flammables, explosive items, or electrically initiated explosive devices.

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

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

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

BSR/ESD SP3.4-2012 (R201x), ESD Association Standard Practice for the Protection of Electrostatic Discharge Susceptible Items - Periodic Verification of Air Ionizer Performance Using a Small Test Fixture (reaffirmation of ANSI/ESD SP3.4-2012)

This standard practice establishes measurement procedures, under recommended conditions, to periodically determine offset voltage (ion balance) and discharge (charge neutralization) times for ionizers in their actual use locations. This standard practice does not include measurements of electromagnetic interference (EMI), or uses of ionizers in connection with ordnance, flammables, explosive items, or electrically initiated explosive devices.

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

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

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

BSR/HL7 CDAR2 PHMRPTS, R1-200x, HL7 CDA (R)R2 Implementation Guide: Personal Healthcare Monitoring Reports, Release 1 (new standard)

The Personal Healthcare Monitoring Report (PHMR) is a document that carries personal healthcare monitoring information. The information is transmitted as notes and as raw data. Notes may be supplied by a disease management service producer. The information may have multiple characteristics, including representation of measurements captured by devices, representation of notes, summaries, and other kinds of narrative information that may be added by caregivers or by the users themselves, and representation of graphs that may be added by intermediary devices that represent trends of users' health.

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

Obtain an electronic copy from: Karenvan@HL7.org

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

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

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

BSR/ASSE 1016-201x/ASME A112.1016-2-201x/CSA B125.16-201x, Performance Requirements for Automatic Compensating Valves for Individual Showers and Tub/Shower Combinations (revision of ANSI/ASSE 1016-2011/ASME A112.1016-2-2011/CSA B125.16-2011)

This Standard applies to automatic compensating valves intended to be installed at the point of use, where the user has access to flow or final temperature controls, and where no further mixing occurs downstream of the device. This Standard covers automatic compensating valves intended to control the water temperature to wall- or ceiling-mounted: (a) hand-held showers; (b) shower heads; (c) body sprays either in individual shower or tub/shower combination fittings; and (d) tub spouts when part of tub/shower combination fittings.

Single copy price: Free

Obtain an electronic copy from: conrad.jahrling@asse-plumbing.org

Order from: Conrad Jahrling, (708) 995-3017, conrad.jahrling@asse-plumbing.org

Send comments (with copy to psa@ansi.org) to: Same (When emailing, please have "PR1016" in the subject line.)

ISA (International Society of Automation)**Reaffirmation**

BSR/ISA 75.08.02-2003 (R201x), Face-to-Face Dimensions for Flanged and Flangeless Rotary Control Valves (Classes 150, 300, and 600) (reaffirmation of ANSI/ISA 75.08.02-2003 (R2009))

This standard applies to flanged and flangeless rotary control valves using a full ball or a segment of a ball and other rotary-stem control valves, sizes 3/4 inch (20 mm) through 24 inches (600 mm) for Classes 150 through 600, and for PN 10, PN 16, PN 25, PN 40, PN 63, and PN100.

Single copy price: \$40.00

Obtain an electronic copy from: ebrazda@isa.org

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

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

LEO (Leonardo Academy, Inc.)**New Standard**

BSR/LEO S-002-201x, Life Cycle Impact Assessment Framework and Guidance for Establishing Public Declarations and Claims, For: Environmental Declarations for Products and Systems, Environmentally Preferable Product Claims, Carbon Footprint Profiles (new standard)

This draft standard addresses Type III Life-Cycle Impact Profile Declarations for Products and Services. It specifies the life-cycle impact assessment (LCIA) methods, scope, metrics and format for declarations. This standard is intended to provide a uniform and standardized format for properly reporting the environmental life-cycle impacts of any system studied.

Single copy price: Free (Electronic); \$50.00 (Paper)

Obtain an electronic copy from: michaelarny@leonardoacademy.org

Order from: Michael Army, President, Leonardo Academy, 8401 Excelsior Dr., Madison, WI, 53717, Email: michaelarny@leonardoacademy.org

Send comments (with copy to psa@ansi.org) to: Request and fill out the electronic comment forms and send completed comment forms to: Michael Army, President, Leonardo Academy, michaelarny@leonardoacademy.org, or 8401 Excelsior Dr., Madison, WI, 53717

SI (Simon Institute)**New Standard**

BSR/SI-0001-201x, Safe Use of Cleaning Chemicals (new standard)

Cleaning workers and patrons of facilities are injured or killed due to improper chemical handling. Accidents are frequently caused by what are considered to be "safe" household cleaning chemicals. On other occasions, the accident is a result of misusing and/or mixing dangerous chemicals that have no place in a regular cleaning operation. Currently, there is no available educational, testing, and permit-issuing process that cleaning workers may be required to pass to enter or remain in the occupations of custodian, janitor, and housekeeper. There needs to be a standard and a compliance procedure to ensure that all cleaning workers understand basic chemical handling.

Single copy price: \$49.95 (Paper copy)/\$19.95 (Electronic copy)

Obtain an electronic copy from: <http://simoninstitute.org/si-0001--draft--order--form/>

Order from: James Ginnaty, (907) 738-8747, jim@simoninstitute.org

Send comments (with copy to psa@ansi.org) to: jim@simoninstitute.org; <http://simoninstitute.org/si-0001--draft--order--form/>

TIA (Telecommunications Industry Association)**Addenda**

BSR/TIA 607-C-1-201x, Generic Telecommunications Bonding and Grounding (Earthing) for Customer Premises - Addendum 1: Bonding in Multitenant Buildings (addenda to ANSI/TIA 607-C-2015)

This Addendum specifies requirements for a generic telecommunications bonding infrastructure in multi-tenant buildings. This Addendum may also be used as a guide for the renovation or retrofit of existing systems.

Single copy price: \$61.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: TIA, standards@tiaonline.org

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

TIA (Telecommunications Industry Association)**Revision**

BSR/TIA 606-C-201x, Administration Standard for Telecommunications Infrastructure (revision and redesignation of ANSI/TIA 606-B-2012)

This Standard specifies administration systems for telecommunications infrastructure within buildings (including commercial, industrial, residential, and data center premises) and between buildings. This infrastructure may range in size from a building requiring a single telecommunications space (TS) and associated elements, to many TSs and associated elements in multiple campus locations. This Standard applies to administration of telecommunications infrastructure in existing, renovated, and new buildings.

Single copy price: \$200.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: TIA, standards@tiaonline.org

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

TIA (Telecommunications Industry Association)**Revision**

BSR/TIA 942-B-201x, Telecommunications Infrastructure Standard for Data Centers (revision and redesignation of ANSI/TIA 942-A-2012)

This Standard specifies the minimum requirements for telecommunications infrastructure of data centers and computer rooms, including single-tenant enterprise data centers and multi-tenant Internet-hosting data centers. The topology specified in this document is intended to be applicable to any size data center.

Single copy price: \$228.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: TIA, standards@tiaonline.org

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

TIA (Telecommunications Industry Association)**Revision**

BSR/TIA 1179-A-201x, Healthcare Facility Telecommunications Infrastructure Standard (revision and redesignation of ANSI/TIA 1179-2010)

This Standard specifies requirements for telecommunications infrastructure for healthcare facilities (e.g., hospitals, clinics). It specifies cabling, cabling topologies, and cabling distances. Additionally, pathways and spaces (e.g., sizing and location), and ancillary requirements are addressed. Telecommunications cabling specified by this standard is intended to support a wide range of healthcare facilities and systems.

Single copy price: \$103.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: TIA, standards@tiaonline.org

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

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

BSR/UL 174-2012 (R201x), Standard for Safety for Household Electric Storage Tank Water Heaters (reaffirmation of ANSI/UL 174-2012)

Reaffirm UL 174 as an American National Standard. UL 174 covers household electric storage-tank and small-capacity storage-tank water heaters rated no more than 600 volts and 12 kilowatts.

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: Marcia Kawate, (510) 319-4259, Marcia.M.Kawate@ul.com

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

BSR/UL 2044-2004 (R201x), Standard for Safety for Commercial Closed-Circuit Television Equipment (reaffirmation of ANSI/UL 2044-2004 (R2012))

Reaffirm UL 2044 as an American National Standard. UL 2044 covers closed-circuit television equipment that are intended for commercial use on supply circuits that receive their signals from a video-recorded medium or image-producing devices in a closed-circuit television system.

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: Grace Roh, (919) 549-1389, Grace.Roh@ul.com

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

BSR/UL 412-201X, Standard for Refrigeration Unit Coolers (revision of ANSI/UL 412-2012)

Addition of requirements for remotely operated unit coolers. Proposal to update and clarify controls requirements; add alternate protective electronic controls requirements and alternate spacings requirements. Addition of reference to across-the-line capacitor standards. Revisions to refrigerant requirements.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Alan McGrath, (847) 664-3038, alan.t.mcgrath@ul.com

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

BSR/UL 923-201x, Standard for Safety for Microwave Cooking Appliances (revision of ANSI/UL 923-2015)

(1) Proposal to clarify the Strain Relief Test requirement; (2) Proposal to add the requirement of ISM band of microwave ovens; (3) Proposal to add requirements for electronic circuits.

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: Amy Walker, (847) 664-2023, Amy.K.Walker@ul.com

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

BSR/UL 1449-201x, Standard for Safety for Surge Protective Devices (revision of ANSI/UL 1449-2016)

(1) Revision to PV SPD Requirements, Supplement SA; (2) Revision to DC SPD Requirements, Supplement SB; (3) Current testing; (4) Overcurrent Test in Paragraph 50.5; (5) Field wiring terminals; (6) Clarification of Table 12.1; (7) Clarifications regarding capacitors; (8) PTC-MOV combination SPDs; (9) Scope revision and clarification of Withstand Test; (10) SPDs for wind turbine applications; (11) SPDs in high altitudes; (12) Add exception to allow markings on the smallest shipping container; (13) Clarification of the Inclined Plane Tracking Test; (14) Type-3 SPD with hospital-grade receptacles; (15) DPI SPDs for outdoor use; (16) Revision to Tables 46.1 and 47.1 Specifying when MCOV Not Applied; (17) Revision to add DC Requirements to 40.2.2.2; (18) Revision to Clause 23 regarding electromagnetic relays; (19) Clarification of repeated VPR measurement; (20) Clarification of Paragraph 19.4; (21) I_{max} optional testing and rating; (22) Adding Exception 4 to Paragraph 44.4.1; (23) Revisions to Tables 46.1 and 47.1; (24) Revision to the exception of Paragraph 40.8.1.

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

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

BSR/UL 2182-201X, Standard for Refrigerants (revision of ANSI/UL 2182-2006)

Revisions to clarify the common flammable refrigerant requirements covering many UL standards.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Alan McGrath, (847) 664-3038, alan.t.mcgrath@ul.com

Comment Deadline: December 27, 2016**ASME (American Society of Mechanical Engineers)****New Standard**

BSR/ASME PTC 4.3-201x, Air Heaters (new standard)

This code applies to all air heaters used in industrial application, for example, air heaters servicing steam generators and industrial furnaces.

This specifically includes: (a) Combustion gas-to-air heat exchanger including air heaters with multi-section air streams; (b) Air preheater coils utilizing non-condensing (single-phase) steam, water, or other hot fluids.

This code does not cover direct-fired air heaters or gas-to-gas heat exchangers. In the latter application, this Code may be used to determine both the thermal and pressure-drop performance while alternate methods of leakage measurement should be agreed upon between the parties. This code also does not cover heat exchangers where the heating fluid is condensed while passing through the heater. Air heaters in parallel shall be tested individually (wherever possible) for purposes of checking standard of design performance.

Single copy price: Free

Order from: Mayra Santiago, (212) 591-8521, ansibox@asme.org

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

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

BSR/ASME PTC 34-201x, Waste Combustors with Energy Recovery
(revision of ANSI/ASME PTC 34-2007)

This code provides a test procedure for evaluating the performance of waste fuel combustors with energy recovery using the boiler as a calorimeter. These procedures apply when the variability and waste fuel composition results in a lack of confidence in obtaining representative samples for laboratory analysis. Instructions are given to determine the thermal capacity and thermal efficiency of waste combustor systems by applying the concept of using the boiler as a calorimeter. In addition, the HHV of the waste fuel can be determined by weighing the waste fuel that has been consumed during the test.

Single copy price: Free

Order from: Mayra Santiago, (212) 591-8521, ansibox@asme.org

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

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

BSR INCITS 538-201x, Information technology - SAS Protocol Layer - 4
(new standard)

SAS Protocol Layer - 4 is the next generation of the protocol portion of the current Serial Attached SCSI. It follows SPL-3, SPL-2, and SPL, and the protocol portions of SAS-2, and SAS-1.1. The following items should be considered for inclusion in SAS Protocol Layer - 4: (a) Support of a more efficient signal encoding and higher data rates proposed for SAS - 4; (b) Enhancements to the protocol; (c) Corrections and clarifications; and (d) Other capabilities that may fit within the scope of this project.

Single copy price: Free

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

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

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

Technical Reports Registered with ANSI

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

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

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

CGATS TR 001-2016, Graphic technology - Color Characterization Data for Type 1 Printing (TECHNICAL REPORT) (technical report)

This Technical Report provides public access to, and a reference for colorimetric characterization data describing offset lithographic printing. The technical information supporting this Technical Report, and previously published in ANSI CGATS.6-1995 (R2001), Graphic Technology - Specifications for graphic arts printing - Type 1, which has been withdrawn, is included as Supplement 1 to CGATS TR 001.

Single copy price: \$20.00

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

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

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.

CAPA (Certified Automotive Parts Association)

Office: 1000 Vermont Avenue N.W.
Suite 1010
Washington, DC 20005

Contact: *Deborah Klouser*

Phone: (202) 737-2212

Fax: (202) 737-2214

E-mail: debbie@CAPACertified.org

BSR/CAPA 101-001-201x, Standard Test Method for Striker Retention Testing of Automotive Replacement Sheet Metal Hoods with Strikers (new standard)

CTA (Consumer Technology Association)

Office: 1919 South Eads Street
Arlington, VA 22202

Contact: *Veronica Lancaster*

Phone: (703) 907-7697

Fax: (703) 907-4197

E-mail: vlancaster@cta.tech

BSR/CEA 861-G-201x, A DTV Profile for Uncompressed High-Speed Digital Interfaces (revision and redesignation of ANSI/CTA 861-G-201x)

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 75.08.02-2003 (R201x), Face-to-Face Dimensions for Flanged and Flangeless Rotary Control Valves (Classes 150, 300, and 600) (reaffirmation of ANSI/ISA 75.08.02-2003 (R2009))

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

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

Contact: *Rachel Porter*

Phone: (202) 626-5741

Fax: 202-638-4922

E-mail: comments@itic.org

BSR INCITS 538-201x, Information technology - SAS Protocol Layer - 4 (new standard)

NEMA (ASC C137) (National Electrical Manufacturers Association)

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

Contact: *Karen Willis*

Phone: (703) 841-3277

E-mail: Karen.willis@nema.org

BSR C137.3-201x, Standard for Lighting Systems-Minimum Requirements for installation of Energy Efficient Power over Ethernet (PoE) Lighting Systems (new standard)

NSF (NSF International)

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

Contact: *Lauren Panoff*

Phone: (734) 769-5197

E-mail: lpanoff@nsf.org

BSR/NSF 14-201x (i81r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2016)

TIA (Telecommunications Industry Association)

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

Contact: *Teesha Jenkins*

Phone: (703) 907-7706

Fax: (703) 907-7727

E-mail: standards@tiaonline.org

BSR J-STD-036-C-2-201x, Enhanced Wireless 9-1-1 Phase II (addenda to ANSI J-STD-036-C-2011)

BSR/TIA 568.4-D-201x, Broadband Coaxial Cabling and Components Standard (revision and redesignation of ANSI/TIA 568-C.4-2011)

BSR/TIA 606-C-201x, Administration Standard for Telecommunications Infrastructure (revision and redesignation of ANSI/TIA 606-B-2012)

BSR/TIA 607-C-1-201x, Generic Telecommunications Bonding and Grounding (Earthing) for Customer Premises Addendum 1 - Bonding in Multitenant Buildings (addenda to ANSI/TIA 607-C-2015)

BSR/TIA 942-B-201x, Telecommunications Infrastructure Standard for Data Centers (revision and redesignation of ANSI/TIA 942-A-2012)

BSR/TIA 1179-A-201x, Healthcare Facility Telecommunications Infrastructure Standard (revision and redesignation of ANSI/TIA 1179-2010)

BSR/TIA 5048-201x, Automated Infrastructure Management (AIM) Systems - Requirements, Data Exchange and Applications (national adoption with modifications of ISO/IEC 18598)

UAMA (ASC B7) (Unified Abrasives Manufacturers' Association)

Office: 30200 Detroit Road
Cleveland, OH 44145-1967

Contact: Donna Haders

Phone: (440) 899-0010

Fax: (440) 892-1404

E-mail: djh@wherryassoc.com

BSR B7.7-201x, Safety Requirements for Abrading Materials with Coated Abrasive Systems (revision of ANSI B7.7-2003 (R2011))

UL (Underwriters Laboratories, Inc.)

Office: 47173 Benicia Street
Fremont, CA 94538

Contact: Marcia Kawate

Phone: (510) 319-4259

E-mail: Marcia.M.Kawate@ul.com

BSR/UL 174-2012 (R201x), Standard for Safety for Household Electric Storage Tank Water Heaters (reaffirmation of ANSI/UL 174-2012)

Call for Members (ANS Consensus Bodies)

Call for Committee Members

ASC O1 – Safety Requirements for Woodworking Machinery

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

- General Interest
- Government
- Producer
- User

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

Final Actions on American National Standards

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

ATIS (Alliance for Telecommunications Industry Solutions)

New Standard

ANSI/ATIS 1000066-2016, Emergency Telecommunications Service (ETS) Network Element Requirements for IMS-Based Next Generation Network (NGN) Phase 2 (new standard): 10/18/2016

Revision

ANSI/ATIS 0300220-2016, Representation of the Communications Industry Manufacturers, Suppliers, and Related Service Companies for Information Exchange (revision of ANSI/ATIS 0300220-2011): 10/18/2016

CTA (Consumer Technology Association)

Reaffirmation

* ANSI/CTA 2017-A-2010 (R2016), Common Interconnection for Portable Media Players (reaffirmation of ANSI/CTA 2017-A-2010): 10/18/2016

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.

AAFS (American Academy of Forensic Sciences)

Contact: *Teresa Ambrosius, (703) 980-2555, TAmbrosius@aafs.org*

BSR/ASB Std 011-201x, Scope of Expertise in Forensic Document Examination (new standard)

Stakeholders: FDE professionals.

Project Need: This document will provide needed guidance to practitioners in the field.

This document will describe the responsibilities and qualifications of individuals engaged in the practice of forensic document examination. This document can provide guidance to anyone encountering matters involving forensic document examination.

ANS (American Nuclear Society)

Contact: *Kathryn Murdoch, (708) 579-8268, kmurdoch@ans.org*

BSR/ANS 19.6.1-201x, Reload Startup Physics Tests for Pressurized Water Reactors (revision of ANSI/ANS 19.6.1-2011 (R2016))

Stakeholders: Utilities operating PWRs; regulatory agencies; academia; vendors of nuclear fuel, equipment, and services.

Project Need: There are some minor changes warranted based on questions from the standard users.

This standard specifies the minimum acceptable startup reactor physics tests that are performed following a refueling or other core alteration of a PWR for which nuclear design calculations are required. This standard does not address the physics test program for the initial core of a commercial PWR.

ASME (American Society of Mechanical Engineers)

Contact: *Mayra Santiago, (212) 591-8521, ansibox@asme.org*

BSR/ASME B1.5-201x, Acme Screw Threads (revision of ANSI/ASME B1.5-1997 (R2014))

Stakeholders: Manufacturers and purchasers of screw threads.

Project Need: Revise the Standard to conform to up-to-date practices and correct editorial errors.

This Standards provides for two general applications of Acme threads: namely, general purpose and centralizing. The limits and tolerances in this Standard relate to single-start Acme threads and may be used, if considered suitable, for multiple-start Acme threads. The latter threads are used to provide relatively fast traversing motion when necessary. The three classes (2G, 3G, and 4G) of general purpose threads have clearances on all diameters for free movement. This thread relies on the thread flanks to maintain concentric operation. The three classes of centralizing threads have a limited clearance at the major diameters of the external and internal threads so that a bearing at the major diameter maintains approximate alignment of the thread axis and prevents wedging on the flanks of the threads. For any combination of the three classes of threads covered in this Standard, some end play or backlash will result. This is unavoidable for interchangeable products. When backlash or end play is objectionable, some mechanical means should be provided to eliminate the condition. In any case, sufficient end play must be left to provide a close running fit. In addition to limiting dimensions for the standard series of diameters and pitches of Acme single-start threads, tables of tolerances, in terms of pitch and diameter, provide for a wide choice of diameters for a given standard pitch. By using the formulas for diameter and pitch increments, the pitch diameter tolerances for special diameters and pitches can be determined for each class. Formulas and data are also provided for allowances on external threads and major- and minor-diameter allowances and tolerances.

BSR/ASME B16.52-201x, Forged Nonferrous Fittings, Socket-Welding and Threaded (Titanium, Titanium Alloys, Aluminum, and Aluminum Alloys) (new standard)

Stakeholders: This standard will have a major impact on the construction logistics for the ASME B31 piping industry that requires aluminum materials.

Project Need: Aluminum Material Spec. ASTM B361 and Titanium Material Spec. ASTM B363 both make reference to fittings to ASME B16.11. ASME B16.11 does not have in its scope the construction of fittings from these materials. This project will develop a standard applicable to aluminum, aluminum alloys, titanium and titanium alloys for B16.11-type fittings that currently have no coverage under ASME standards. ASME B16 SC-F (Fittings) Committee voted to make this a new construction standard for fittings with expanded specific construction details (including pipe schedules) unique to aluminum and titanium fittings and piping systems.

This Standard covers ratings, dimensions, tolerances, marking, and material requirements for titanium, titanium alloys, aluminum, and aluminum alloys forged nonferrous fittings, both socket-welding and threaded.

ASTM (ASTM International)

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

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)

Stakeholders: Fittings industry.

Project Need: This specification covers metallic press fittings with attached stainless steel press sleeves incorporating 3 view holes and a tool locator ring for use with cross-linked polyethylene (PEX) tubing in 3/8, 1/2, 1, 1-1/4, 1-1/2, and 2 nominal diameters that meet the requirements of Specification F876 and for use with polyethylene of raised temperature (PE-RT) tubing in 3/8, 1/2, 5/8, 3/4, 1, and 1-1/4 in nominal diameters that meet the requirements of specification F2623 and F2769.

<https://www.astm.org/DATABASE.CART/WORKITEMS/WK56228.htm>

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)

Stakeholders: Fittings industry.

Project Need: This specification covers plastic press fittings with attached stainless steel press sleeves incorporating 3 view holes and a tool locator ring for use with cross-linked polyethylene (PEX) tubing in 3/8, 1/2, 1, 1-1/4, 1-1/2, and 2 nominal diameters that meet the requirements of Specification F876 and for use with polyethylene of raised temperature (PE-RT) tubing in 3/8, 1/2, 5/8, 3/4, 1, and 1-1/4 in nominal diameters that meet the requirements of specification F2623 and F2769.

<https://www.astm.org/DATABASE.CART/WORKITEMS/WK56229.htm>

ATIS (Alliance for Telecommunications Industry Solutions)

Contact: Alexandra Blasgen, (202) 434-8840, ablasgen@atis.org

BSR/ATIS 0300091-201x, Serialization Standard for Telecommunications Network Infrastructure Equipment (revision of ANSI ATIS 0300091-2012)

Stakeholders: Communications industry.

Project Need: The references as well as terminology within ATIS 0300091.2012, Serialization Standard for Telecommunications Network Infrastructure Equipment need updating.

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

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

Stakeholders: Communications industry.

Project Need: The references as well as terminology within ATIS 0300211.2012 need updating.

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

HL7 (Health Level Seven)

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

BSR/HL7 ERHS IFP, R1-201x, HL7 EHRS-FM Release 2: Immunization Functional Profile, Release 1 (new standard)

Stakeholders: Public health.

Project Need: This project will supplement previous collaborative work on the HL7 Public Health Functional Profile (PHFP) by CDC NCHS, EHR, and PHER Work Groups.

This project will create an Immunization Functional Profile based on ISO/HL7 10781 EHR System Functional Model (EHR-S FM) Release 2. It will review and develop (where needed) immunization functionality for EHR systems, with related conformance criteria. The project will utilize the EHR-S Model and Profile Tool for draft development, for publication of ballot drafts, for ballot reconciliation and for publication of the final draft for publication. Subject matter experts will be drawn from the PHER WG, from public health agencies, from providers and others, including experts from the international community.

NEMA (ASC C137) (National Electrical Manufacturers Association)

Contact: Karen Willis, (703) 841-3277, Karen.willis@nema.org

BSR C137.3-201x, Standard for Lighting Systems-Minimum Requirements for installation of Energy Efficient Power over Ethernet (PoE) Lighting Systems (new standard)

Stakeholders: Producers, specifiers, users, installers.

Project Need: The energy efficiency of a PoE lighting system depends on three elements: PSE efficiency, PD efficiency, and controlling cable losses. Since it is easy to combine these components in a manner that would cause poor energy performance, a standard is needed to ensure reasonable energy efficiency. This standard specifies component selection and installation practices to limit the electrical energy losses.

This standard specifies the requirements for limiting energy losses due to cable selection when installing PoE lighting systems. This standard is not meant to replace existing PoE standards, but to build on them by addressing this specific area in installation of PoE lighting systems.

TIA (Telecommunications Industry Association)

Contact: Teesha Jenkins, (703) 907-7706, standards@tiaonline.org

BSR J-STD-036-C-2-201x, Enhanced Wireless 9-1-1 Phase II (addenda to ANSI J-STD-036-C-2011)

Stakeholders: 9-1-1 PSAP; Cellular operators; 9-1-1 network and service providers.

Project Need: Provide updates for an existing standard.

This modification to the industry's E 9-1-1 (Emergency Services) Phase 2 standard will add six handset and five hybrid position source codes for geodetic position reporting and three Class-of-Service codes for civic address reporting (e.g., street address).

BSR/TIA 568.4-D-201x, Broadband Coaxial Cabling and Components Standard (revision and redesignation of ANSI/TIA 568-C.4-2011)

Stakeholders: Users, producers, and test equipment producers of coaxial cabling.

Project Need: Provide updates for an existing standard.

This document will supersede and replace ANSI/TIA 568-C.4. This Standard specifies requirements and recommendations for 75 Ω broadband coaxial cabling, cables, cords, and connecting hardware to support community antenna television (CATV, commonly referred to as cable television), satellite television, and other applications supported by the telecommunications infrastructure (star topology) defined by ANSI/TIA 568-C.0-D and other topologies specified within this Standard. Included are transmission requirements, mechanical requirements

BSR/TIA 5048-201x, Automated Infrastructure Management (AIM) Systems - Requirements, Data Exchange and Applications (national adoption with modifications of ISO/IEC 18598)

Stakeholders: Cabling system designers, installers, consultants, architects, manufacturers, cabling systems owners, facilities management organizations, contractors.

Project Need: Adopt ISO or EC standard with modifications.

This standard specifies the requirements and recommendations for the attributes of Automated Infrastructure Management (AIM) systems, explains how AIM systems can contribute to operational efficiency, and specifies a framework of requirements and recommendations for data exchange with other systems.

UAMA (ASC B7) (Unified Abrasives Manufacturers' Association)

Contact: Donna Haders, (440) 899-0010, djh@wherryassoc.com

BSR B7.7-201x, Safety Requirements for Abrading Materials with Coated Abrasive Systems (revision of ANSI B7.7-2003 (R2011))

Stakeholders: Manufacturers, consumers, governments, specialists, and insurance.

Project Need: Following a 5-year review period and with intent to revise.

This standard establishes the minimum safety requirements related to the usage of coated abrasive forms. The requirements apply to all hand-held and fixed mounted machine operations that use some form of coated abrasive product, and to safety-related maintenance precautions for the machines and machine parts.

UL (Underwriters Laboratories, Inc.)

Contact: Megan Van Heirsele, (847) 664-2881, Megan.M.VanHeirsele@ul.com

BSR/UL 61058-2-6-201x, Standard for Safety for Switches for Appliances - Part 2-6: Particular Requirements for Switches Used in Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery (national adoption with modifications of IEC 61058-2-6)

Stakeholders: Manufacturers of switches used in electric motor-operated hand-held tools, transportable tools and lawn and garden machinery; manufacturers of electric motor-operated hand-held tools, transportable tools and lawn and garden machinery; retailers; manufacturers of components of switches used in electric motor-operated hand-held tools, transportable tools, and lawn and garden machinery.

Project Need: To obtain national recognition of an IEC-based standard covering switches used in electric motor-operated hand-held tools, transportable tools, and lawn and garden machinery.

This clause of Part 1 is applicable, except as follows: This standard is a subset based on IEC 61058-1. The clauses outlined in this standard are intended to address the specific requirements for switches incorporated into or integrated with electric motor-operated hand-held tools, transportable tools, and lawn and garden machinery. This standard is intended for switches with an ambient temperature up to and including 55°C. Switches tested to IEC 61058-1 are considered to comply with this standard and additional testing is not required, provided ratings, loads, and endurance are correct.

American National Standards Maintained Under Continuous Maintenance

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

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

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

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

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

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

ANSI-Accredited Standards Developers Contact Information

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

<p>AAFS American Academy of Forensic Sciences 410 North 21st Street Colorado Springs, CO 80904 Phone: (703) 980-2555 Web: www.aafs.org</p>	<p>ASTM ASTM International 100 Barr Harbor Drive West Conshohocken, PA 19428-2959 Phone: (610) 832-9744 Fax: (610) 834-3683 Web: www.astm.org</p>	<p>HL7 Health Level Seven 3300 Washtenaw Avenue Suite 227 Ann Arbor, MI 48104 Phone: (734) 677-7777 Fax: (734) 677-6622 Web: www.hl7.org</p>	<p>NSF NSF International 789 N. Dixboro Road Ann Arbor, MI 48105-9723 Phone: (734) 769-5197 Web: www.nsf.org</p>
<p>ANS American Nuclear Society 555 North Kensington Avenue La Grange Park, IL 60526 Phone: (708) 579-8268 Fax: (708) 579-8248 Web: www.ans.org</p>	<p>ATIS Alliance for Telecommunications Industry Solutions 1200 G Street NW Suite 500 Washington, DC 20005 Phone: (202) 434-8840 Web: www.atis.org</p>	<p>IAPMO (ASSE Chapter) ASSE International Chapter of IAPMO 18927 Hickory Creek Dr Suite 220 Mokena, IL 60448 Phone: (708) 995-3017 Fax: (708) 479-6139 Web: www.asse-plumbing.org</p>	<p>SI Simon Institute 4760 S. Highland Drive #323 Salt Lake City, UT 84117 Phone: (907) 738-8747 Web: www.simoninstitute.org</p>
<p>ASABE American Society of Agricultural and Biological Engineers 2950 Niles Road St Joseph, MI 49085 Phone: (269) 932-7027 Fax: (269) 429-3852 Web: www.asabe.org</p>	<p>AWWA American Water Works Association 6666 W. Quincy Ave. Denver, CO 80235 Phone: (303) 347-6178 Fax: (303) 795-7603 Web: www.awwa.org</p>	<p>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</p>	<p>TIA Telecommunications Industry Association 1320 North Courthouse Road Suite 200 Arlington, VA 22201 Phone: (703) 907-7706 Fax: (703) 907-7727 Web: www.tiaonline.org</p>
<p>ASC X9 Accredited Standards Committee X9, Incorporated 275 West Street Suite 107 Annapolis, MD 21401 Phone: (410) 267-7707 Web: www.x9.org</p>	<p>CAPA Certified Automotive Parts Association 1000 Vermont Avenue N.W. Suite 1010 Washington, DC 20005 Phone: (202) 737-2212 Fax: (202) 737-2214 Web: www.CAPACertified.org</p>	<p>ITI (INCITS) InterNational Committee for Information Technology Standards 1101 K Street NW Suite 610 Washington, DC 20005-3922 Phone: (202) 626-5741 Fax: 202-638-4922 Web: www.incits.org</p>	<p>UAMA (ASC B7) Unified Abrasive Manufacturers' Association 30200 Detroit Road Cleveland, OH 44145-1967 Phone: (440) 899-0010 Fax: (440) 892-1404 Web: www.uama.org</p>
<p>ASHRAE American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. 1791 Tullie Circle NE Atlanta, GA 30329 Phone: (678) 539-1111 Fax: (678) 539-2111 Web: www.ashrae.org</p>	<p>CSA CSA Group 8501 East Pleasant Valley Rd. Cleveland, OH 44131 Phone: (216) 524-4990 x88321 Fax: (216) 520-8979 Web: www.csa-america.org</p>	<p>LEO Leonardo Academy, Inc. 8401 Excelsior Drive Madison, WI 53717 Phone: (608) 280-0255 Fax: (608) 255-7202 Web: www.leonardoacademy.org</p>	<p>UL Underwriters Laboratories, Inc. 333 Pfingsten Road Northbrook, IL 60062-2096 Phone: (847) 664-2881 Fax: (847) 664-2881 Web: www.ul.com</p>
<p>ASME American Society of Mechanical Engineers Two Park Avenue New York, NY 10016 Phone: (212) 591-8521 Fax: (212) 591-8501 Web: www.asme.org</p>	<p>CTA Consumer Technology Association 1919 South Eads Street Arlington, VA 22202 Phone: (703) 907-7697 Fax: (703) 907-4197 Web: www.ce.org</p>	<p>NEMA (ASC C137) National Electrical Manufacturers Association 1300 North 17th Street, Suite 900 Rosslyn, VA 22209 Phone: (703) 841-3277 Web: www.nema.org</p>	
	<p>EOS/ESD ESD Association 7900 Turin Rd., Bldg. 3 Rome, NY 13440 Phone: (315) 339-6937 Fax: (315) 339-6793 Web: www.esda.org</p>	<p>NPES (ASC CGATS) NPES 1899 Preston White Drive Reston, VA 20191 Phone: (703) 264-7200 Fax: (703) 620-0994 Web: www.npes.org</p>	



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); 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 389-1, Acoustics - Reference zero for the calibration of audiometric equipment - Part 1: Reference equivalent threshold sound pressure levels for pure tones and supra-aural earphones - 1/13/2017, \$58.00

CERAMIC TILE (TC 189)

ISO/DIS 13006, Ceramic tiles - Definitions, classification, characteristics and marking - 1/12/2017, \$125.00
 ISO/DIS 10545-3, Ceramic tiles - Part 3: Determination of water absorption, apparent porosity, apparent relative density and bulk density - 1/12/2017, \$46.00

CLEANROOMS AND ASSOCIATED CONTROLLED ENVIRONMENTS (TC 209)

ISO/DIS 14644-3, Cleanrooms and associated controlled environments - Part 3: Test methods - 1/8/2017, \$146.00

COMPRESSORS, PNEUMATIC TOOLS AND PNEUMATIC MACHINES (TC 118)

ISO/DIS 8573-2, Compressed air - Contaminant measurement - Part 2: Oil aerosol content - 11/9/2016, \$112.00
 ISO/DIS 28927-13, Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 13: Fastener driving tools - 1/13/2017, \$71.00

CONTROL AND SAFETY DEVICES FOR NON INDUSTRIAL GAS-FIRED APPLIANCES AND SYSTEMS (TC 161)

ISO/DIS 23551-7, Safety and control devices for gas burners and gas-burning appliances - Particular requirements - 1/4/2017, \$107.00

CORROSION OF METALS AND ALLOYS (TC 156)

ISO/DIS 19280, Corrosion of metals and alloys - Measurement of critical crevice temperature for cylindrical crevice geometries in ferric chloride solution - 11/12/2016, \$53.00

DENTISTRY (TC 106)

ISO 20126/DAMd1, Dentistry - Manual toothbrushes - General requirements and test methods - Amendment 1 - 12/28/2016, \$29.00

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

ISO/DIS 35104, Petroleum and natural gas industries - Arctic operations - Ice management - 1/12/2017, \$165.00

NUCLEAR ENERGY (TC 85)

ISO/DIS 16647, Nuclear facilities - Criteria for design and operation of confinement systems for nuclear worksite and for nuclear installations under decommissioning - 1/13/2017, \$102.00

PACKAGING (TC 122)

ISO/DIS 19809, Packaging - Accessible design - Information and marking - 11/12/2016, \$82.00

PAPER, BOARD AND PULPS (TC 6)

ISO/DIS 4094, Paper, board and pulps - International calibration of testing apparatus - Nomination and acceptance of standardizing and authorized laboratories - 12/8/2015, \$98.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO/DIS 11393-1, Protective clothing for users of hand-held chain-saws - Part 1: Test rig for testing resistance to cutting by a chain-saw - 1/7/2017, \$71.00
 ISO/DIS 11393-2, Protective clothing for users of hand-held chainsaws - Part 2: Performance requirements and test methods for leg protectors - 1/7/2017, \$88.00
 ISO/DIS 11393-3, Protective clothing for users of hand-held chain-saws - Part 3: Test methods for footwear - 1/7/2017, \$58.00
 ISO/DIS 11393-4, Protective clothing for users of hand-held chain-saws - Part 4: Test methods and performance requirements for protective gloves - 1/7/2017, \$93.00
 ISO/DIS 11393-5, Protective clothing for users of hand-held chain-saws - Part 5: Test methods and performance requirements for protective gaiters - 1/7/2017, \$62.00
 ISO/DIS 11393-6, Protective clothing for users of hand-held chain-saws - Part 6: Test methods and performance requirements for upper body protectors - 1/7/2017, \$88.00
 ISO/DIS 18639-6, PPE ensembles for firefighters undertaking specialist rescue activities - Part 6: Footwear - 1/13/2017, \$77.00

QUANTITIES, UNITS, SYMBOLS, CONVERSION FACTORS (TC 12)

ISO/DIS 80000-4, Quantities and units - Part 4: Mechanics - 11/13/2016, \$82.00

ROAD VEHICLES (TC 22)

ISO 2575/DAmD6, Road vehicles - Symbols for controls, indicators and tell-tales - Amendment 6 - 11/10/2006, \$29.00

ISO 2575/DAmD7, Road vehicles - Symbols for controls, indicators and tell-tales - Amendment 7 - 11/7/2023, \$29.00

ISO/DIS 20077-2, Road Vehicles - Extended vehicle (ExVe) methodology - Part 2: Methodology for designing the extended vehicle - 1/12/2017, \$98.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 32100, Rubber- or plastics-coated fabrics - Physical and mechanical tests - Determination of flex resistance by the flexometer method - 11/10/2016, \$53.00

TERMINOLOGY (PRINCIPLES AND COORDINATION) (TC 37)

ISO/DIS 20108, Simultaneous interpreting - Quality and transmission of sound and image input - Requirements - 11/13/2016, \$58.00

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

ISO/DIS 6710, Single-use containers for venous blood specimen collection - 11/11/2016, \$82.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO/DIS 544, Welding consumables - Technical delivery conditions for filler materials and fluxes - Type of product, dimensions, tolerances and markings - 1/11/2017, \$53.00

ISO/DIS 17633, Welding consumables - Tubular cored electrodes and rods for gas shielded and non-gas shielded metal arc welding of stainless and heat-resisting steels - Classification - 12/14/2016, \$107.00

ISO/DIS 18275, Welding consumables - Covered electrodes for manual metal arc welding of high-strength steels - Classification - 1/12/2017, \$98.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 14651/DAmD1, Information technology - International string ordering and comparison - Method for comparing character strings and description of the common template tailorable ordering - Amendment 1 - 11/13/2016, \$40.00

ISO/IEC 23001-8/DAmD1, Information technology - MPEG systems technologies - Part 8: Coding-independent code points - Amendment 1: Additional code points for colour description - 11/10/2016, \$62.00

ISO/IEC 23000-13/DAmD1, Information technology - Multimedia application format (MPEG-A) - Part 13: Augmented reality application format - Amendment 1: Reference software and conformance for ARAF - 11/13/2016, \$46.00

ISO/IEC DIS 10118-3, Information technologies - Security techniques - Hash-functions - Part 3: Dedicated hash-functions - 11/13/2016, \$215.00

ISO/IEC DIS 19770-4, Information technology - IT asset management - Part 4: Resource utilization measurement - 11/13/2016, \$102.00

ISO/IEC DIS 14543-5-8, Information technology - Home electronic systems (HES) architecture - Part 5-8: Intelligent grouping and resource sharing for Class 2 and Class 3 - Remote access core protocol - 11/13/2016, \$98.00

ISO/IEC DIS 14543-5-9, Information technology - Home electronic systems (HES) architecture - Part 5-9: Intelligent grouping and resource sharing for class 2 and class 3 - Remote access service platform - 11/13/2016, \$77.00

IEC Standards

25/572/CDV, ISO 80000-4 Ed2: Quantities and units - Part 4: Mechanics, 01/13/2017

31/1289/CD, IEC 60079-42/TS/Ed1: Explosive atmospheres - Part 42: Electrical safety devices for equipment, 01/13/2017

31/1290/CD, ISO/IEC 62990-1/Ed: Workplace atmospheres - Part 1: Gas detectors - Performance requirements of detectors for toxic gases, 01/13/2017

45A/1119/NP, Nuclear facilities - Instrumentation important to safety - Spent fuel pool instrumentation (proposed IEC IEEE joint project), 01/13/2017

47/2319/CDV, IEC 62969-1 Ed.1: Semiconductor devices - Semiconductor interface for automotive vehicles - Part 1: General requirements of power interface for automotive vehicle sensors, 01/13/2017

47E/560/NP, Future IEC 60747-18-3: Semiconductor devices - Part 18-3: Semiconductor bio sensors - Fluid flow characteristics of lens-free CMOS photonic array sensor package module with fluidic system, 01/13/2017

48B/2531/CD, IEC 60512-99-002 Ed.1: Connectors for electronic equipment - Tests and measurements - Part 99-002: Endurance test schedules - Test 99b, Test schedule for unintended unmating under electrical load, 01/13/2017

62D/1419/CDV, ISO 80601-2-61: Medical electrical equipment - Part 2-61: Particular requirements for basic safety and essential performance of pulse oximeter equipment, 01/13/2017

64/2149/CD, Amendment 3 to IEC 60364-5-53 (f3): Low voltage electrical installation - Part 5-53 - Selection and reaction of electrical equipment - Isolation, switching and control - Clause 533 - Devices for protection against overcurrent, 01/13/2017

65/637A/CDV, IEC 62443-2-4 Ed1 A1: Security for industrial automation and control systems - Part 2-4: Security program requirements for IACS service providers, 12/09/2016

65A/815/CDV, IEC 61511-1 A1 Ed. 2: Amendment 1 - IEC 61511-1 Ed. 2: Functional safety - Safety instrumented systems for the process industry sector - Normative (uon) Part 1: Framework, definitions, system, hardware and software requirements, 01/13/2017

65B/1067/NP, TS 61499-5: Function Blocks - Part 5: Proposed Extensions, 01/13/2017

66/617/CD, IEC 61010-2-091 Ed.2: Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-091: Particular requirements for cabinet X-ray systems, 01/13/2017

69/434/CDV, IEC 61851-21-2 Ed. 1.0: Electric vehicle charging system - Part 21-2: EMC requirements for OFF board electric vehicle charging systems, 01/13/2017

82/1192/DC, Proposed revision of IEC/TS 62257-9-5 Ed.3, Recommendations for renewable energy and hybrid systems for rural electrification - Part 9-5: Integrated systems - Selection of stand-alone lighting kits for rural electrification, 12/16/2016

86B/4040/CD, IEC 61300-3-21/Ed3: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-21: Examinations and measurements - Switching time, 01/13/2017

87/640/DTS, IEC TS 62464: Ultrasonics - Output test - Guide for the maintenance of ultrasound - Physiotherapy systems, 01/13/2017

100/2809/NP, Multi-screen LCD display systems - Part 1: Conceptual model, 01/13/2017

- 100/2810/NP, Multi-screen LCD display systems - Part 2: Measuring methods, 01/13/2017
- 101/522/CD, ISO 20615: Fibre ropes - Electrostatic surface potential measuring method, 12/16/2016
- 111/446/CD, IEC 63031 Ed. 1.0: Definition of Low Halogen Materials used in Electrical and Electronic Products, 01/13/2017
- 115/141/NP, Performance of voltage sourced converters based high-voltage direct current transmission systems - Part 1: Steady-state conditions, 01/13/2017
- 116/303/FDIS, IEC 62841-2-10/Ed1: Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-10: Particular requirements for hand-held mixers, 12/02/2016
- CABPUB/139/CD, ISO/IEC CD 17028: Conformity assessment - Guidelines and Examples of a certification scheme for services, 01/20/2017



Newly Published ISO & IEC Standards

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

ISO Standards

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

[ISO 18190:2016](#), Anaesthetic and respiratory equipment - General requirements for airways and related equipment, \$149.00

CERAMIC TILE (TC 189)

[ISO 14448:2016](#), Low modulus adhesives for exterior tile finishing, \$149.00

GEOTECHNICS (TC 182)

[ISO 18674-2:2016](#), Geotechnical investigation and testing - Geotechnical monitoring by field instrumentation - Part 2: Measurement of displacements along a line: Extensometers, \$200.00

GRAPHICAL SYMBOLS (TC 145)

[ISO 7010/Amd7:2016](#), Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 7, \$22.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

[ISO 18828-2:2016](#), Industrial automation systems and integration - Standardized procedures for production systems engineering - Part 2: Reference process for seamless production planning, \$173.00

MICROBEAM ANALYSIS (TC 202)

[ISO 22489:2016](#), Microbeam analysis - Electron probe microanalysis - Quantitative point analysis for bulk specimens using wavelength dispersive X-ray spectroscopy, \$123.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

[IEC 80601-2-58/Amd1:2016](#), Medical electrical equipment -- Part 2-58: Particular requirements for basic safety and essential performance of lens removal devices and vitrectomy devices for ophthalmic surgery - Amendment 1: Proposed Horizontal Standard, \$22.00

PACKAGING (TC 122)

[ISO 21067-1:2016](#), Packaging - Vocabulary - Part 1: General terms, \$51.00

PHOTOGRAPHY (TC 42)

[ISO 18935:2016](#), Imaging materials - Colour images - Determination of water resistance of printed colour images, \$88.00

RUBBER AND RUBBER PRODUCTS (TC 45)

[ISO 4081:2016](#), Rubber hoses and tubing for cooling systems for internal-combustion engines - Specification, \$123.00

[ISO 4674-1:2016](#), Rubber- or plastics-coated fabrics - Determination of tear resistance - Part 1: Constant rate of tear methods, \$88.00

SECURITY (TC 292)

[ISO 22325:2016](#), Security and resilience - Emergency management - Guidelines for capability assessment, \$88.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

[ISO 16707:2016](#), Ships and marine technology - Marine evacuation systems - Determination of capacity, \$149.00

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

[ISO 12505-2:2016](#), Skin barrier for ostomy aids - Test methods - Part 2: Wet integrity and adhesive strength, \$88.00

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

[ISO 1135-3:2016](#), Transfusion equipment for medical use - Part 3: Blood-taking sets for single use, \$88.00

WOOD-BASED PANELS (TC 89)

[ISO 17064:2016](#), Wood-based panels - Fibreboard, particleboard and oriented strand board (OSB) - Vocabulary, \$51.00

ISO Technical Reports

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

[ISO/TR 19083-1:2016](#), Intelligent transport systems - Emergency evacuation and disaster response and recovery - Part 1: Framework and concept of operation, \$240.00

ISO Technical Specifications

CLINICAL LABORATORY TESTING AND IN VITRO DIAGNOSTIC TEST SYSTEMS (TC 212)

[ISO/TS 16782:2016](#), Clinical laboratory testing - Criteria for acceptable lots of dehydrated Mueller-Hinton agar and broth for antimicrobial susceptibility testing, \$149.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 33071:2016](#), Information technology - Process assessment - An integrated process capability assessment model for Enterprise processes, \$265.00

IEC Standards

ELECTRIC TRACTION EQUIPMENT (TC 9)

[IEC 61375-2-3 Ed. 1.0 en cor.2:2016](#), Corrigendum 2 - Electronic railway equipment - Train communication network (TCN) - Part 2-3: TCN communication profile, \$0.00

ELECTRICAL EQUIPMENT IN MEDICAL PRACTICE (TC 62)

[IEC 80601-2-58 Ed. 2.1 b:2016](#), Medical electrical equipment - Part 2-58: Particular requirements for the basic safety and essential performance of lens removal devices and vitrectomy devices for ophthalmic surgery, \$315.00

[IEC 80601-2-58 Amd.1 Ed. 2.0 b:2016](#), Amendment 1 - Medical electrical equipment - Part 2-58: Particular requirements for the basic safety and essential performance of lens removal devices and vitrectomy devices for ophthalmic surgery, \$55.00

ELECTROMAGNETIC COMPATIBILITY (TC 77)

[IEC 61000-4-23 Ed. 2.0 en:2016](#), Electromagnetic Compatibility (EMC) - Part 4-23: Testing and measurement techniques - Test methods for protective devices for HEMP and other radiated disturbances, \$363.00

FLAT PANEL DISPLAY DEVICES (TC 110)

[IEC 62629-22-1 Ed. 2.0 en:2016](#), 3D display devices - Part 22-1: Measuring methods for autostereoscopic displays - Optical, \$278.00

MAGNETIC ALLOYS AND STEELS (TC 68)

[IEC 60404-1 Ed. 3.0 en:2016](#), Magnetic materials - Part 1: Classification, \$278.00

[IEC 60404-10 Ed. 2.0 en:2016](#), Magnetic materials - Part 10: Methods of measurement of magnetic properties of electrical steel strip and sheet at medium frequencies, \$206.00

[S+ IEC 60404-1 Ed. 3.0 en:2016 \(Redline version\)](#), Magnetic materials - Part 1: Classification, \$334.00

[S+ IEC 60404-10 Ed. 2.0 en:2016 \(Redline version\)](#), Magnetic materials - Part 10: Methods of measurement of magnetic properties of electrical steel strip and sheet at medium frequencies, \$265.00

MARITIME NAVIGATION AND RADIOCOMMUNICATION EQUIPMENT AND SYSTEMS (TC 80)

[IEC/PAS 63062 Ed. 1.0 en:2016](#), Maritime navigation and radiocommunication equipment and systems - Removable external data source (REDS) - General requirements, methods of testing and required test results, \$36.00

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

[IEC 61240 Ed. 3.0 en:2016](#), Piezoelectric devices - Preparation of outline drawings of surface-mounted devices (SMD) for frequency control and selection - General rules, \$121.00

[IEC 62276 Ed. 3.0 en:2016](#), Single crystal wafers for surface acoustic wave (SAW) device applications - Specifications and measuring methods, \$254.00

SAFETY OF MEASURING, CONTROL, AND LABORATORY EQUIPMENT (TC 66)

[IEC 61010-2-120 Ed. 1.0 b:2016](#), Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2 -120: Particular safety requirements for machinery aspects of equipment, \$230.00

SOLAR PHOTOVOLTAIC ENERGY SYSTEMS (TC 82)

[IEC 60904-SER Ed. 1.0 b:2016](#), Photovoltaic devices - ALL PARTS, \$822.00

IEC Technical Specifications

FIBRE OPTICS (TC 86)

[IEC/TS 62627-09 Ed. 1.0 en:2016](#), Fibre optic interconnecting devices and passive components - Vocabulary for passive optical devices, \$97.00

NANOTECHNOLOGY STANDARDIZATION FOR ELECTRICAL AND ELECTRONIC PRODUCTS AND SYSTEMS (TC 113)

[IEC/TS 62607-4-2 Ed. 1.0 en:2016](#), Nanomanufacturing - Key control characteristics - Part 4-2: Nano-enabled electrical energy storage - Physical characterization of cathode nanomaterials, density measurement, \$121.00

[IEC/TS 62607-4-4 Ed. 1.0 en:2016](#), Nanomanufacturing - Key control characteristics - Part 4-4: Nano-enabled electrical energy storage - Thermal characterization of nanomaterials, nail penetration method, \$97.00

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

ISSQUARED

Public Review: August 26 to November 26, 2016

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

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

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

NCSCI is the WTO TBT Inquiry Point for the U.S. and receives all notifications and full texts of regulations to disseminate to U.S. Industry. For further information, please contact: NCSCI, NIST, 100 Bureau Drive, Gaithersburg, MD 20899-2160; Telephone: (301) 975-4040; Fax: (301) 926-1559; E-mail: ncsci@nist.gov 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 N14 – Packaging and Transport of Radioactive and Non-Nuclear Hazardous Materials

The reaccreditation of Accredited Standards Committee N14, Packaging and Transport of Radioactive and Non-Nuclear Hazardous Materials has been approved at the direction of ANSI's Executive Standards Council, under the ASC's recently revised operating procedures for documenting consensus on ASC N14-sponsored American National Standards, effective October 25, 2016. For additional information, please contact the Secretariat of ASC N14: Mr. Ronald Natali, ASC N14 Secretary, Institute of Nuclear Materials Management, 75 North 200 East, Oak Ridge National Laboratory, Richmond, UT 84333; phone: 435.258.3730; e-mail: N14Secretary@gmail.com.

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

The reaccreditation of the International Association of Plumbing & Mechanical Officials (IAPMO – Z Accreditation), an ANSI Member and Accredited Standards Developer, has been approved at the direction of ANSI's Executive Standards Council under the IAPMO PP-1: 2016: Policies and Procedures for Consensus Development of American National Standards, effective October 21, 2016. For additional information, please contact: Mr. Charles Gross, Vice-President of Standards Development, IAPMO, World Headquarters – East, 5001 E. Philadelphia Street, Ontario, CA 91761-2816; phone: 909.472.4136; e-mail: charles.gross@iapmo.org.

Outdoor Power Equipment Institute (OPEI)

The reaccreditation of the Outdoor Power Equipment Institute (OPEI), an ANSI Member and Accredited Standards Developer, has been approved at the direction of ANSI's Executive Standards Council under its recently revised operating procedures for documenting consensus on OPEI-sponsored American National Standards, effective October 21, 2016. For additional information, please contact: Mr. Gerry Coons, Vice-President, Standards and Industry Affairs, Outdoor Power Equipment Institute, 341 South Patrick Street, Alexandria, VA 22314; phone: 703.549.7600; e-mail: gcoons@opei.org.

ANSI Accreditation Program for Greenhouse Gas Validation/Verification Bodies

Scope Extension

Internat Energy Solutions Canada, Inc.

Comment Deadline: November 28, 2016

In accordance with the following ISO standards:

ISO 14065:2013, Greenhouse gases – Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition

Internat Energy Solutions Canada, Inc.

Livio Nichilo

425 Adelaide Street West, Suite 403A

Toronto M5V 3C1, Canada

Phone: 416-628-4658 ext. 140

E-mail: l.nichilo@internatenergy.com

On August 10, 2016, ANSI's Greenhouse Gas Validation/Verification Body Accreditation Committee granted a request from Internat Energy Solutions Canada Inc. to extend its scope of accreditation to include the following:

Scopes:

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

- 05. Mining and Mineral Production
- 06. Metals Production
- 07. Chemical Production
- 08. Oil and gas extraction, production and refining including petrochemicals
- 09. Waste

Please send your comments by November 28, 2016 to Ann Howard, Director, Environmental Accreditation Programs, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: ahoward@ansi.org.

International Organization for Standardization (ISO)

ISO Proposals for a New Fields of ISO Technical Activity

Collaborative Business Relationship Management

Comment Deadline: November 4, 2016

BSI, the ISO member body for the UK and secretariat of ISO Project Committee 286, has submitted to ISO a proposal for a new field of ISO technical activity on Collaborative business relationship management, with the following scope statement:

Standardization in the field of collaborative business relationship management.

Please note that BSI proposed a new work item proposal on this subject in 2013 which was approved and the standard has been developed under ISO/PC 286. As argued in the proposal, during the development of ISO 11000 (Collaborative business relationship management systems – Framework), the need for supporting documents became apparent, and this proposal seeks to gain support for an ISO/TMB decision to convert the project committee into a technical committee to address these additional projects.

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, November 4, 2016.

ISO Proposal for a New Field of ISO Technical Activity

Medicinal Plants

Comment Deadline: December 2, 2016

ISIRI, the ISO member body for Iran, has submitted to ISO a proposal for a new field of ISO technical activity on Medicinal Plants, with the following scope statement:

Standardization in the field of medicinal plants as well as medicinal plants propagation materials, in particular terminology, sampling, test methods and analysis, product specifications, safety and quality requirements for packaging, storage and transportation. Medicinal plants substances with regard to safety and quality such as content of active material, values for physical, chemical specifications and microbial contaminants, chemical residues and heavy metals etc., must be based on recognized international standards or deliverables and should be laid down in written form.

Excluded from its scope are products covered by ISO/TC 54 Essential oils, ISO/TC 245 Traditional Chinese Medicine and ISO/TC 215 Health Informatics.

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, December 2, 2016.

Meeting Notice

U.S. TAG to TC 301 – Energy Management and Energy Savings

The U.S. TAG to TC 301 Energy Management and Energy Savings will be meeting at 1899 L St NW, Washington, DC 20036 on November 29-30, 2016. For those interested in attending, please contact either Melody McElwee at melody.McElwee@innovate.gatech.edu or Deann Desai at deann.desai@gatech.edu.

Not for publication. This document is part of the NSF International standard development process. This draft text is for circulation for review and/or approval by a NSF Standards Committee and has not been published or otherwise officially adopted. All rights reserved. This document may be reproduced for informational purposes only.

-
-
-

5.1 General

Plastic piping system components and related materials shall comply with the physical and performance requirements of the applicable normative standards (as referenced in section 2) as referenced in 2 of this Standard and with the requirements of sections 5.2 through 5.8.

5.2 Long-term strength of plastic pipe

Manufacturers of materials for use in plastic pipe for pressure applications shall submit evidence of long-term strength compliance in accordance with the requirements contained in 5.2.1. Listing in PPI Technical Report Number 4 (TR-4) is acceptable evidence of hydrostatic design stress compliance. Manufacturers of composite piping products for pressure applications shall submit evidence of maximum stress or pressure rating compliance in accordance with the requirements of 5.2.2. Listing in PPI TR-4 is acceptable evidence of maximum stress or pressure rating compliance.

5.2.1 Hydrostatic design stress

The maximum hydrostatic design stress, pressure design basis, or strength design basis of thermoplastics shall be determined in accordance with PPI Technical Report Number 3 (TR-3). Alternatively, the minimum required strength and design stress shall be determined in accordance with ISO 12162 using data generated in accordance with ISO 9080. The maximum hydrostatic design stress of thermosets shall be determined in accordance with ASTM D2992.

5.2.2 Maximum pressure rating

The maximum pressure rating of composite pipe products shall be determined in accordance with PPI TR-3, except that test pressure shall be substituted for test stress in calculations of long-term strength. The pressure versus time-to-rupture data shall exhibit a regression of strength with duration of loading, similar to that exhibited by thermoplastic pipe of homogeneous wall construction.

5.3 Requirements for PVC resins

Resins intended for use in PVC fitting compounds shall have an inherent viscosity of at least 0.65 when tested according to ASTM D1243. Resins intended for use in PVC pressure pipe compounds shall comply with the applicable requirements of PPI TR-3.

NOTE – PPI TR-3 currently limits the inherent viscosity of PVC pressure pipe resin to a minimum of 0.88.

Not for publication. This document is part of the NSF International standard development process. This draft text is for circulation for review and/or approval by a NSF Standards Committee and has not been published or otherwise officially adopted. All rights reserved. This document may be reproduced for informational purposes only.

5.4 Critical dimensions

Plastic piping system components shall comply with the critical dimensions of the applicable standards as referenced in 2 of this Standard. For pipe and spigot ends of fittings, the critical dimensions shall be the minimum wall thickness, outside diameter, and out-of-roundness. For pipe intended to be used with insert type fittings such as PE, PEX, PEX-AL-PEX or PE-AL-PE, the critical dimensions shall be the minimum wall thickness, the maximum wall thickness and outside diameter. For socket or threaded fittings, the critical dimensions shall be the minimum wall thickness, socket entrance diameter, bottom diameter, out-of-roundness, socket depth, threads (as measured with thread gauges), and thread length. For other fittings, critical dimensions shall be those specified in the normative reference standard. Compliance with the dimensional requirements of the applicable standard referenced in section 2 shall be determined by verifying the following critical dimensions:

- For pipe and spigot ends of fittings, the critical dimensions shall be the minimum wall thickness, outside diameter, and out-of-roundness.
- For pipe intended to be used with insert-type fittings such as PE, PEX, PEX-AL-PEX or PE-ALPE, the critical dimensions shall be the minimum wall thickness, the maximum wall thickness and outside diameter.
- For socket or threaded fittings, the critical dimensions shall be the minimum wall thickness, socket entrance diameter, bottom diameter, out-of-roundness, socket depth, threads (as measured with thread gauges), and thread length.
- For other fittings, critical dimensions shall be those specified in the normative reference standard.

Not for publication. This document is part of the NSF International standard development process. This draft text is for circulation for review and/or approval by a NSF Standards Committee and has not been published or otherwise officially adopted. All rights reserved. This document may be reproduced for informational purposes only.

[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 International Standard/American National Standard

Mobile Food Carts

.
.
.

2 Normative references

The following documents contain provisions that, through reference, constitute provisions of this NSF/ANSI Standard. At the time this Standard was balloted, the editions listed below were valid. All documents are subject to revision, and parties are encouraged to investigate the possibility of applying the recent editions of the documents indicated below. The most recent published edition of the document shall be used for undated references.

40 C.F.R. §180.940 *Tolerance exemptions for active and inert ingredients for use in antimicrobial formulations (Food-Contact Surface Sanitizing Solutions)*¹

ANSI/ASSE 1001 – 2008. *Atmospheric Type Vacuum Breakers*²

ANSI/ASSE 1020 – 2004. *Pressure Vacuum Breaker Assembly*²

ANSI/ASSE 1022 – 2003. *Backflow Preventer for Beverage Dispensing Equipment*²

ANSI/ASSE 1024 – 2004. *Dual Check Backflow Preventers*²

APHA *Standard Methods for the Examination of Water and Wastewater*, ~~20th~~ **22nd Ed. Edition**³

ASSE 1032 – 2004(R2011). *Performance Requirements for Dual Check Valve Type Backflow Preventers for Carbonated Beverage Dispensers, Post Mix Type*²

IAPMO – *Uniform Plumbing Code* ~~2009~~ **2015**⁴

¹ U.S. Government Printing Office, Washington, DC 20402 <www.gpo.gov>.

² ASSE International Office, 901 Canterbury, Suite A, Westlake, OH 44145 <www.asse.org>.

³ American Public Health Association, 800 I Street, NW, Washington, DC 20001 <www.apha.org>.

⁴ International Association of Plumbing and Mechanical Officials, 5001 E. Philadelphia St., Ontario CA 91761 <www.iapmo.org>.

Not for publication. This document is part of the NSF International standard development process. This draft text is for circulation for review and/or approval by a NSF Standards Committee and has not been published or otherwise officially adopted. All rights reserved. This document may be re-produced for informational purposes only.

ICC – *International Plumbing Code 2009* 2015⁵

IEEE/ASTM SI 10 – 2010. *American National Standard for Metric Practice*⁶

NSF/ANSI 2. *Food Equipment*

NSF/ANSI 4. *Commercial Cooking Rethermalization, and Powered Hot Food Holding and Transport Equipment*

NSF/ANSI 7. *Commercial Refrigerators and storage Freezers*

NSF/ANSI 51. *Food Equipment Materials*

NSF/ANSI 170. *Glossary of Food Equipment Terminology*

UL 197 – 2010, *Standards for Commercial Electrical Cooking Appliances*⁷

Rationale: *Normative reference updates.*

·
·
·

4.4 Sealants

Sealants shall meet the requirements for the zone of intended use and shall only be used as permitted in 5.4.4 and 5.5.2.

Rationale: *Adding applicable boiler plate language from NSF/ANSI 2.*

·
·
·

5.2 Internal angles and corners, food zone

5.2.1 All internal angles or corners of less than 135° shall be smooth and have radius as set forth below:

5.2.1.1 At the intersection of two planes, which result in one angle or corner, the radius shall not be less than $\frac{1}{8}$ in (0.13 in, 3.2 mm).

5.2.1.2 At the intersection of three planes, which result in three angles or corners, the radii for two of the angles or corners shall not be less than $\frac{1}{8}$ in (0.13 in, 3.2 mm) and the radius of the third angle or corner shall not be less than $\frac{1}{4}$ in (0.25 in, 6.4 mm).

⁵ International Code Council, 5203 Leesburg Pike, Suite 600; Falls Church, VA 22041 <www.iccsafe.org>.

⁶ ASTM International, 100 Barr Harbor Dr., West Conshohocken, PA 19428 <www.astm.org>.

⁷ Underwriters Laboratories, Inc., 333 Pfingsten Road, Northbrook, IL 60062 <www.ul.com>.

Not for publication. This document is part of the NSF International standard development process. This draft text is for circulation for review and/or approval by a NSF Standards Committee and has not been published or otherwise officially adopted. All rights reserved. This document may be re-produced for informational purposes only.

5.2.1.3 Lesser radii may be used only when necessary to ensure proper functioning of parts such as:

- sealing ring grooves
- precision operating parts

provided they are easily cleanable.

***Rationale:** Adding applicable boilerplate language from NSF/ANSI 2.*

.
. .
.

5.22 Casters, ~~rollers,~~ and gliders

5.22.1 Casters, ~~rollers~~ and gliders ~~shall be easily cleanable and~~ shall conform to NSF/ANSI 2, except that spoked wheels may be used and tread surfaces need not be smooth. Wheels shall not extend into serving areas.

***Rationale:** Language updated to match boilerplate language in NSF/ANSI 2 – 2015. The term “rollers” is not used in NSF/ANSI 2 and is not defined in NSF/ANSI 170 – 2015. Easily cleanable is one of many requirements for casters in NSF/ANSI 2. The revised language requires compliance with all caster and glider requirements.*

.
. .
.

Tracking number 401i5r1
© 2016 NSF

Revision to NSF/ANSI 401 – 2016
Issue 5 Revision 1 (October 2016)

Not for publication. This draft text is for circulation for approval by the Joint Committee on Drinking Water Treatment Units and has not been published or otherwise officially promulgated. All rights reserved. This document may be reproduced for informational purposes only.

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

NSF/ANSI Standard
for Drinking Water Treatment Units-

Drinking Water Treatment Units –
Emerging compounds/incidental contaminants

.

.

.

7 Elective performance claims – test methods

.

.

.

Table 7.1 - Contaminant reduction claims

Substance ³	CAS Number	Individual influent sample point limits ¹ ng/L	Average influent challenge ² ng/L	Maximum effluent concentration ng/L	Recommended methods of analysis
Atenolol	29122-68-7	200 ± 40%	200 ± 20%	30	HPLC-MS/MS, LCMS
Bisphenol A	80-05-7	2,000 ± 40%	2,000 ± 20%	300	SPE HPLC, LCMS
Carbamazepine	298-46-4	1,400 ± 40%	1,400 ± 20%	200	HPLC-MS/MS, LCMS
DEET (diethyltoluamide)	134-62-3	1,400 ± 40%	1,400 ± 20%	200	GC-MS/MS, LCMS
Estrone	53-16-7	140 ± 40%	140 ± 20%	20	HPLC-MS/MS, LCMS
Ibuprofen	15687-27-1	400 ± 40%	400 ± 20%	60	HPLC, LCMS
Linuron	330-55-2	140 ± 40%	140 ± 20%	20	HPLC, LCMS
Meprobamate	57-53-4	400 ± 40%	400 ± 20%	60	RP HPLC, LCMS
Metolachlor	51218-45-2	1,400 ± 40%	1,400 ± 20%	200	Gas LC, LCMS
Naproxen	22204-53-1	140 ± 40%	140 ± 20%	20	ELC, LCMS

Tracking number 401i5r1
© 2016 NSF

Revision to NSF/ANSI 401 – 2016
Issue 5 Revision 1 (October 2016)

Not for publication. This draft text is for circulation for approval by the Joint Committee on Drinking Water Treatment Units and has not been published or otherwise officially promulgated. All rights reserved. This document may be reproduced for informational purposes only.

Nonyl phenol	25154-52-3	1,400 ± 40%	1,400 ± 20%	200	LC ESI-MS, LCMS
Phenytoin	57-41-0	200 ± 40%	200 ± 20%	30	HPLC, LCMS
TCEP (tris(2-chloroethyl)phosphate)	115-96-8	5,000 ± 40%	5,000 ± 20%	700	LCMS
TCPP (tris(1-chloro-2-propyl)phosphate)	13674-84-5	5,000 ± 40%	5,000 ± 20%	700	GC/MS, LCMS
Trimethoprim	738-70-5	140 ± 40%	140 ± 20%	20	HPLC-MS/MS, LCMS

¹Suggested influent challenge concentration variability: To be amended based on other information available in the literature or as the laboratory develops experience with the analytical method.

²Reason for influent challenge levels: challenge concentrations should be selected to simulate what a system will be challenged with in the field and/or to provide an accurate and reproducible indicator of performance. The following sequence of criteria is used to select challenge concentrations:

- a) The highest concentration of available occurrence data 10X. The occurrence data shall come from national monitoring programs administered by the USEPA or the USGS or other accepted peer reviewed data source. Other occurrence data may be accepted by the Joint Committee on Drinking Water Treatment Units.
- b) The concentration obtained by a multiplying the method reporting limit (MRL) by a factor of 10 as long as the minimum reduction requirement allows for a measurable maximum effluent concentration.

³The influent water chemicals may be grouped for analytical efficiency if requested. When grouping is used the lab should ensure the chemicals remain stable in the challenge water. An example of chemical grouping is listed below.

Group 1: Meprobamate, Atenolol, Carbamazepine, DEET, Metolachlor, Trimethoprim, Linuron

Group 2: TCEP, TCPP

Group 3: Phenytoin, Ibuprofen, Naproxen, Estrone, Bisphenol A, Nonyl phenol

.
.
.

BSR/UL 283, Standard for Air Fresheners and Deodorizers

1. Alternative test methods for flash point fragrances

PROPOSAL

53.1 Flash point test

53.1.1 In accordance with 28.3, the flash point test for a liquid fragrance shall not ignite or flashover when tested in accordance with any one of the following standards:

- a) Tests For Comparative Flammability of Liquids, UL 340;
- b) Standard Test Methods for Flash Point by Pensky-Martens Closed Cup Tester, ASTM D93;
- c) Standard Test Method for Flash Point by Continuously Closed Cup (CCCFP) Tester, ASTM D6450; or
- d) Standard Test Method for Flash Point by Modified Continuously Closed Cup (MCCCFP) Tester, ASTM D7094; or
- e) Standard Test Methods for Flash Point by Small Scale Closed Cup Tester, ASTM D3828.

UL copyrighted material. Not authorized for further reproduction without prior permission from UL.

BSR/UL 558, Standard for Industrial Trucks, Internal Combustion Engine-Powered

1. Wiring and cable exposure to fuel drippage

PROPOSAL

8.5 Wiring and cables shall not be located such to allow exposure to drippage of ~~fuel (G and D only)~~ gasoline, diesel, oil, or grease, and shall not be supported on oil- or grease-retaining surfaces.

UL copyrighted material. Not authorized for further reproduction without prior permission from UL.

BSR/UL 1042, Standard for Electric Baseboard Heating Equipment

1. Clarification of Requirements for Heating Elements

13.1A A sheath type heating element shall comply with the requirements in:

- a) The Standard for Sheathed Heating Elements, UL 1030; or
- b) The Standard for Electric Heating Appliances, UL 499, except the minimum sheath thickness shall be 0.016 in. (0.33 mm) for stationary products.

UL copyrighted material. Not authorized for further reproduction without prior permission from UL.

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

3. Clarification of Requirements for Heating Elements

21.1A A sheath type heating element shall comply with the requirements in:

- a) The Standard for Sheathed Heating Elements, UL 1030; or
- b) The Standard for Electric Heating Appliances, UL 499.

UL copyrighted material. Not authorized for further reproduction without prior permission from UL.

BSR/UL 2021, Standard for Fixed and Location-Dedicated Electric Room Heaters

1. Clarification of Requirements for Heating Elements

16.1A A sheath type heating element shall comply with the requirements in:

- a) The Standard for Sheathed Heating Elements, UL 1030; or
- b) The Standard for Electric Heating Appliances, UL 499, except the minimum sheath thickness shall be 0.016 in. (0.33 mm).

UL copyrighted material. Not authorized for further reproduction without prior permission from UL.

BSR/UL 2846, Standard for Safety for Fire Test of Plastic Water Distribution Plumbing Pipe for Visible Flame and Smoke Characteristics

PROPOSALS

1. Revision of the Scope of Products Covered by UL 2846

1.1 This is a test method for determining values of flame propagation distance and optical smoke density for individual pairs of plastic plumbing pipes for distribution of potable water, water used for hydronic heating and cooling applications, water reclaim/reuse water applications, ~~or other pressurized plastic pipes carrying water that can be installed in ducts, plenums, and other spaces used for environmental air.~~

1.2 This test method addresses uninsulated pipe sizes 4 inches (10.2 cm) and less in diameter, ~~tested in~~ This test method also addresses insulated pipe assemblies which, based on the end use, can include fire-rated thermal insulation. The overall sizes of these pipe assemblies are to be 5 inches (12.7 cm) and less in diameter.

4.1 Two 24-foot (7.32-m) lengths of plastic pipe, less than or equal to 4 inches (10.2 cm) inside diameter, if uninsulated, less than or equal to 5 inches (12.7 cm) outside diameter, if an insulated pipe assembly, are to be installed in the bottom of the tray. The specimen is to be laid in the center of the tray with a minimum separation between the individual pipes of 0.5 inches (12.7 mm). There shall be no water or any other liquid in the pipe during the test.

4.4 Properties applicable to identification of the specimens, including the type, thickness, and manufacturer of thermal insulation, if used, are to be determined and recorded.

7 General

7.1 The report shall include all of the following for each test:

- a) A detailed description of the plastic plumbing pipe specimen tested including wall thickness and OD, as well as a description of the thermal insulation used including the type, thickness and manufacturer, if an insulated pipe assembly.
- b) The value of maximum flame propagation.
- c) The values of the peak optical density and average optical density.
- d) The graph of the optical density of the smoke generated during the test versus time for the duration of the test.
- e) Observations of the condition of the test specimens after completion of the test.
- f) The graph of flame distance versus time for the duration of the test.