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American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

Comment Deadline: September 22, 2013

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

Addenda

BSR/ASHRAE Addendum b to ANSI/ASHRAE Standard 206P-2013, Method of Test for Rating of Multi-Purpose Heat Pumps for Residential Space Conditioning and Water Heating (addenda to ANSI/ASHRAE Standard 206P-2013)

This addendum adds wording to clarify that the upper element portion of the water heater tank is always heated to 57°C (135°F) at the conclusion of a water heating test, and to correct for any net change in average tank temperature.

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

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

NSF (NSF International)

Revision

BSR/NSF 61-201x (i105), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2012)

Issue 105: This Standard establishes minimum health effects requirements for the chemical contaminants and impurities that are indirectly imparted to drinking water from products, components, and materials used in drinking water systems. This Standard does not establish performance, taste and odor, or microbial growth support requirements for drinking water system products, components, or materials.

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

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

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

New Standard

BSR/SPI B151.20-201x, Safety Requirements for Plastic Sheet Production Machinery (new standard)

The requirements of this standard shall apply to plastic sheet production machinery. This standard also specifies safety requirements relating to the design and construction of multi-roll calendars intended for the processing of plastics and concerns the calendar including all components fixed to its frame. Safety requirements of ancillary equipment used with plastic sheet production machinery are not covered by this standard.

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

Send comments (with copy to psa@ansi.org) to: David Felinski, (832) 446-6999, DFelinski@plasticsindustry.org

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1776-201x, Standard for Safety for High-Pressure Cleaning Machines (Proposal dated August 23, 2013) (revision of ANSI/UL 1776-2013)

Deletion of draft hood requirements.

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

Send comments (with copy to psa@ansi.org) to: Edward Minasian, (631) 546-3305, Edward.D.Minasian@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 2200-201x, Standard for Safety for Stationary Engine Generator Assemblies (revision of ANSI/UL 2200-2013)

(1) Revision to accelerated aging test evaluation requirement for gaskets made of neoprene or rubber compound, addition of option to evaluate gaskets in outdoor use enclosures to the Standard for Gaskets and Seals, UL 157, and clarification of gasket material requirement.

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

Send comments (with copy to psa@ansi.org) to: Elizabeth Sheppard, (847) 664-3276, Elizabeth.H.Sheppard@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 2250-201x, Standard for Safety for Instrumentation Tray Cable (revision of ANSI/UL 2250-2009a)

(1) Addition of wire armor and metal braid to metal covering options.

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

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

Comment Deadline: October 7, 2013

ABMA (ASC B3) (American Bearing Manufacturers Association)

Revision

BSR ABMA 19.2-201x, Tapered Roller Bearings - Radial - Inch Design (revision of ANSI ABMA 19.2-1994 (R2008))

Covers inch design radial tapered roller bearings of various types, part numbering systems, tolerances and fitting practices.

Single copy price: \$38.00

Obtain an electronic copy from: info@americanbearings.org

Order from: info@americanbearings.org

Send comments (with copy to psa@ansi.org) to: James Converse, (919) 481-2852, jconverse@americanbearings.org; jconverse1@nc.rr.com

ADA (American Dental Association)

Reaffirmation

BSR/ADA Standard No. 1040-2008 (R201x), Dental Extension to the ASTM Continuity of Care Record (reaffirmation and redesignation of ANSI/ADA Spec.1040-2008)

This standard provides a means for one dental practitioner or system, to aggregate all of the pertinent data about a patient and forward it to another practitioner or system to support the continuity of care. The major sections of ADA Standard No. 1040 (Header, Body and Footer) conform to the same sections of ASTM E2369-05, Standard Specification for Continuity of Care Record, 2007.

Single copy price: \$127.00

Obtain an electronic copy from: wardm@ada.org

Order from: Marilyn Ward, (312) 440-2506, wardm@ada.org

Send comments (with copy to psa@ansi.org) to: Paul Bralower, (312) 587-4129, bralowerp@ada.org

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

Addenda

BSR/ASHRAE Addendum a to ANSI/ASHRAE Standard 206P-2013, Method of Test for Rating of Multi-Purpose Heat Pumps for Residential Space Conditioning and Water Heating (addenda to ANSI/ASHRAE Standard 206P-2013)

This addendum changes the intermediate compressor speed for the intermediate heating test from 1/2 of the speed between minimum capacity ($k = 1$) and the speed for maximum capacity ($k = 2$) to 1/3 for variable capacity systems.

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>

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

Addenda

BSR/ASHRAE Addendum a to ANSI/ASHRAE Standard 52.2-2012, Method of Testing General Ventilation Air Cleaning Devices for Removal Efficiency by Particle Size (addenda to ANSI/ASHRAE Standard 52.2-2012)

This addendum makes proposed MERV table changes to Standard 52.2 as a result of a thorough review and series of votes at the committee level to address key issues about the variability of the standard, specifically the MERV 8 through 11 overlap issue and the need for each range to be consistent with the lower limits of the other ranges.

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>

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

Addenda

BSR/ASHRAE/ASHE Addendum 170ae-201x, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE/ASHE Standard 170-2008)

This proposed addendum represents several changes resulting from coordination with the Guidelines for Design and Construction of Hospital and Health Care Facilities. It adds room design parameters to Table 7-1 (Design Parameters) for continued care nurseries, updates the references to Standard 62.1 from the 2007 to the 2010 edition, and removes a reference to AIA (2001) from Standard 170. It is intended to clarify more stringent requirements for the more serious exhaust airstreams within the standard.

Single copy price: \$35.00

Obtain an electronic copy from: Free download at <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: Online Comment Database at <http://www.ashrae.org/standards-research--technology/public-review-drafts>

ASQ (ASC Z1) (American Society for Quality)

New National Adoption

BSR/ISO 9001-2008, Quality management systems - Requirements (identical national adoption of ANSI/ISO/ASQ Q9001-2008)

This International Standard specifies requirements for a quality management system where an organization (a) needs to demonstrate its ability to consistently provide product that meets customer and applicable statutory and regulatory requirements, and (b) aims to enhance customer satisfaction through the effective application of the system, including processes for continual improvement of the system and the assurance of conformity to customer and applicable statutory and regulatory requirements.

Single copy price: \$139.00

Obtain an electronic copy from: Jennifer Admussen at standards@asq.org

Order from: Jennifer Admussen, (414) 272-8575, jadmussen@asq.org

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

BICSI (Building Industry Consulting Service International)

New Standard

BSR/BICSI 003-201X, Building Information Modeling (BIM) Practices for Information Technology Systems (new standard)

The scope of this document will define the usage of BIM elements provided by product manufacturers within the telecommunication industry as well as the required Level of Detail (LOD) that each model is compromised by its components and design elements. This document is also a guide for the ITS designer to the development process of the 3D model, related modeling tasks, and coordination with related disciplines.

Single copy price: Free

Obtain an electronic copy from: jsilveira@bicsi.org

Order from: Jeff Silveira, (813) 903-4712, jsilveira@bicsi.org

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

BIFMA (Business and Institutional Furniture Manufacturers Association)

Revision

BSR/BIFMA X5.5-201X, Desk/Table Products - Tests (revision of ANSI/BIFMA X5.5-2008)

To provide a common basis for evaluating the safety, durability, and structural performance of desk and table products in the office and institutional environment.

Single copy price: Free

Obtain an electronic copy from: dpanning@bifma.org

Order from: David Panning, 616-285-3963, dpanning@bifma.org

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

CSA (CSA Group)

Revision

BSR Z21.50-201x, Standard for Vented Gas Fireplace (revision of ANSI Z21.50-2012)

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

Single copy price: \$175.00

Obtain an electronic copy from: david.zimmerman@csagroup.org

Order from: David Zimmerman, (216) 524-4990, david.zimmerman@csagroup.org

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

CSA (CSA Group)**Revision**

BSR Z21.88-201x, Standard for Vented Gas Fireplace Heaters (same as CSA 2.33) (revision of ANSI Z21.88-2009 and ANSI Z21.88a-2012)

Test and examination criteria for vented gas fireplace heaters for use with natural and liquefied petroleum (propane) gases, which allows the view of flames and provides the simulation of a solid fuel fireplace and furnishes warm air to the space in which it is installed with or without duct connections. A vented gas-fired fireplace heater is controlled by an automatic thermostat. Direct vent appliances may be installed in manufactured (mobile) homes and recreational vehicles.

Single copy price: \$175.00

Obtain an electronic copy from: david.zimmerman@csagroup.org

Order from: David Zimmerman, (216) 524-4990, david.zimmerman@csagroup.org

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

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

BSR/EIA 958-201x, Surface Mount Common Mode Choke Qualification Specification (new standard)

This specification defines the qualification program for surface mount Common Mode Chokes. The qualification program is defined in Table 1. Specification sheets can be added, as required, to define specific products or to cover unique/specific requirements. This document does not relieve the supplier of their responsibility to their own company's internal qualification program.

Single copy price: \$73.00

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

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

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

NEMA (ASC C8) (National Electrical Manufacturers Association)**Reaffirmation**

BSR/ICEA P-79-561-2008 (R201x), Guide for Selecting Aerial Cable Messengers and Lashing Wires (reaffirmation of ANSI/ICEA P-79-561-2008)

This guide has been prepared to facilitate the selection of messengers and lashing wires for both field- and factory-assembled self-supporting aerial cables. The cables used for attachment to the messenger shall be suitable for the service and shall be manufactured and tested in accordance with the applicable ICEA Standards and installed in accordance with the applicable provisions of the National Electrical Code (NFPA 70) and/or the National Electrical Safety Code/ANSI Standards Publication No. C2. This guide does not cover all possible messenger configurations. Reference should be made to other publications for service drop and neutral supported applications.

Single copy price: \$100.00

Obtain an electronic copy from: [http://workspaces.nema.org/ansi/stds/Shared%20Documents/C8/P-79-561-2013/\(A\)%20ANSI%20Forms%20and%20Information%20to%20ANSI/P-79-561%20for%20ANSI.pdf](http://workspaces.nema.org/ansi/stds/Shared%20Documents/C8/P-79-561-2013/(A)%20ANSI%20Forms%20and%20Information%20to%20ANSI/P-79-561%20for%20ANSI.pdf)

Order from: Ryan Franks, (703) 841-3271, ryan.franks@nema.org

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

PLASA (PLASA North America)**New Standard**

BSR E1.37-2-201x, Additional Message Sets for ANSI E1.20 (RDM) - Part 2, IPv4 & DNS Configuration Messages (new standard)

This draft standard is part 2 of the E1.37 project. It provides additional get/set parameter messages (PIDs) for use with the ANSI E1.20 Remote Device Management protocol. Messages in this document are intended for configuring network interfaces and Domain Name System settings on devices with an IPv4 address.

Single copy price: Free

Obtain an electronic copy from: http://tsp.plasa.org/tsp/documents/public_review_docs.php

Order from: Karl Ruling, (212) 244-1505, karl.ruling@plasa.org

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

PLASA (PLASA North America)**New Standard**

BSR E1.44-201x, Common Show File Exchange Format for Entertainment Industry Automation Control Systems - Stage Machinery (new standard)

The standard is to define a common show file format for the exchange of stage machinery control data between control systems made by different manufacturers.

Single copy price: Free

Obtain an electronic copy from: http://tsp.plasa.org/tsp/documents/public_review_docs.php

Order from: Karl Ruling, (212) 244-1505, karl.ruling@plasa.org

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

PLASA (PLASA North America)**Revision**

BSR E1.4-201x, Entertainment Technology - Manual Counterweight Rigging Systems (revision of ANSI E1.4-2009)

Describes the design, construction, and installation of manually powered counterweight rigging systems used in theatres to support and move scenery and lighting equipment. The standard does not cover motorized systems or systems used for moving materials during building construction. The 2009 edition of the standard is being revised to include additional essential safety requirements.

Single copy price: Free

Obtain an electronic copy from: http://tsp.plasa.org/tsp/documents/public_review_docs.php

Order from: Karl Ruling, (212) 244-1505, karl.ruling@plasa.org

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

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

BSR/SPI B151.29-201X, Safety Requirements for Vertical Clamp Injection Molding Machines (revision of ANSI/SPI B151.29-2002 (R2013))

The requirements of this standard shall apply to Vertical Clamp Injection Molding Machines (VCIMMs) that process plastic materials and inject said material into a mold(s) held closed by a vertically acting clamp. Safety requirements for the use of ancillary equipment or molds for VCIMM's are not covered by this standard

Single copy price: \$60.00

Obtain an electronic copy from: dfelinski@plasticsindustry.org

Order from: Melissa Hockstad, (202) 974-5258, mhockstad@plasticsindustry.org

Send comments (with copy to psa@ansi.org) to: David Felinski, (832) 446-6999, DFelinski@plasticsindustry.org

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

BSR/UL 60079-5-2009 (R201x), Standard for Safety for Explosive Atmospheres - Part 5: Equipment Protection by Powder Filling "q" (Proposal Ballot dated 08-23-13) (reaffirmation of ANSI/UL 60079-5-2009)

Reaffirmation of the third edition of the Standard for Explosive Atmospheres - Part 5: Equipment Protection by Powder Filling "q", UL 60079-5, as an American National Standard.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

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

BSR/UL 60079-6-2009 (R201x), Standard for Safety for Explosive Atmospheres - Part 6: Equipment Protection by Oil Immersion "o" (Proposal Ballot dated 08-23-13) (reaffirmation of ANSI/UL 60079-6-2009)

Reaffirmation of the third edition of the Standard for Explosive Atmospheres - Part 6: Equipment Protection by Oil Immersion "o", UL 60079-6, as an American National Standard.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

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

BSR/UL 710B-201x, Standard for Safety for Recirculating Systems (revision of ANSI/UL 710B-2011)

The following changes in requirements for UL 710B are being proposed: (1) Clarification of requirements for interlocks; (2) Standards updates pertaining to Class 2 circuits; (3) Clarifications to the capture test to align with current practices and procedures; (4) Clarification for Simultaneous conduct of fire extinguishment tests; (5) Clarification for mechanical actuation; (6) Clarification on markings for non-integral recirculating systems; and (7) New requirements for integral and non-integral recirculating downdraft systems.

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: Raymond Suga, (631) 546-2593, raymond.m.suga@ul.com

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

BSR/UL 1778-201x, Standard for Safety for Uninterruptible Power Systems (revision of ANSI/UL 1778-2005)

This Standard applies to movable, stationary, fixed, and built-in UPS for distribution systems up to 600 V a.c. This equipment is designed to be installed in accordance with the CEC, Part I, CSA C22.1, or the NEC, ANSI/NFPA 70, and the Standard for the Protection of Electronic Computer Data-Processing Equipment, ANSI/NFPA 75. This Standard is intended to reduce the risk of fire, electric shock, or injury to persons from installed equipment, both as a single unit or as a system of interconnected units, subject to installing, operating, and maintaining the equipment in the manner prescribed by the manufacturer.

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: Anne Marie Jacobs, (919) 549-0954, annemarie.jacobs@ul.com

Projects Withdrawn from Consideration

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

HL7 (Health Level Seven)

BSR/HL7 V3 IDC, R1-2006 (R201x), HL7 Version 3 Standard: Implantable Device Cardiac, Release 1 (reaffirmation of ANSI/HL7 V3 IDC, R1-2006)

HL7 (Health Level Seven)

BSR/HL7 V3 PAENCOUNTER, R1-201x, HL7 Version 3 Standard: Patient Administration; Patient Encounter, Release 1 (new standard)

TIA (Telecommunications Industry Association)

BSR/TIA 1086-200x, Electrical Characteristics of Very-Low Voltage Differential Signaling (V-LVDS) Interface Circuits (new standard)

TIA (Telecommunications Industry Association)

BSR/TIA 1212-201x, Resistibility to Surges of Premises Smart Grid Equipment Connected to either DC or 120/240 V Single Phase AC, and Metallic Communication Lines (new standard)

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.

ARMA (ARMA International)

ARMA International TR 23-2013, Developing Electronic File Structures (TECHNICAL REPORT) (technical report)

This publication is an instructional aid for creating electronic file plans. It describes the strategy, techniques, and tools associated with effective electronic file plan development and leading to appropriate electronic file plan management. This publication's guidance does not uniquely embrace records in paper formats within file plans, nor does it reflect industry sector-specific best practices. Its intended audience includes records and information management practitioners and educators, as well as other individuals with administrative and/or legal responsibility for comprehensive information management within the organization.

Single copy price: \$TBD

Order from: <http://www.arma.org/prod/V4936>

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

Call for Members (ANS Consensus Bodies)

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

API (American Petroleum Institute)

Office: 1220 L Street, NW
Washington, DC 20005

Contact: Sally Goodson

Phone: (202) 682-8584

Fax: (202) 962-4797

E-mail: goodsons@api.org

BSR/API MPMS Chapter 7.5, 1st Edition-201x, Temperature
Determination - Automatic Tank Temperature Measurement On Board
Marine Vessels Carrying Refrigerated Hydrocarbon and Chemical
Gas Fluids (identical national adoption of ISO 8310:2012)

CEMA (Conveyor Equipment Manufacturers Association)

Office: 5672 Strand Court
Suite 2
Naples, FL 34110

Contact: Philip Hannigan

Phone: (239) 514-3441

Fax: (239) 514-3470

E-mail: phil@cemanet.org

BSR/CEMA 300-201x, Screw Conveyor Dimensional Standards
(revision of ANSI/CEMA 300-2009)

BSR/CEMA 350-201x, Screw Conveyors (revision of ANSI/CEMA 350
-2009)

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Peachtree Corners, GA 30092

Contact: Charles Bohanan

Phone: (770) 209-7276

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 480 om-201x, Specular gloss of paper and paperboard at
75 degrees (new standard)

UL (Underwriters Laboratories, Inc.)

Office: 1285 Walt Whitman Road
Melville, NY 11747-3081

Contact: Edward Minasian

Phone: (631) 546-3305

Fax: (631) 546-3305

E-mail: Edward.D.Minasian@ul.com

BSR/UL 1776-201x, Standard for Safety for High-Pressure Cleaning
Machines (Proposal dated August 23, 2013) (revision of ANSI/UL
1776-2013)

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.

CEA (Consumer Electronics Association)

New Standard

- * ANSI/CEA 708-E-2013, Digital Television (DTV) Closed Captioning
(new standard): 8/16/2013

Revision

- * ANSI/CEA 805-E-2013, Data Services on the Component Video
Interfaces (revision of ANSI/CEA 805-D-2008): 8/16/2013

ISA (ISA)

New Standard

ANSI/ISA 71.04-2013, Environmental Conditions for Process
Measurement and Control Systems: Airborne Contaminants (new
standard): 8/16/2013

NSF (NSF International)

Revision

- * ANSI/NSF 53-2013 (i90r2), Drinking Water Treatment Units - Health
Effects (revision of ANSI/NSF 53-2012): 8/16/2013

UL (Underwriters Laboratories, Inc.)

Reaffirmation

- * ANSI/UL 155-2009 (R2013), Standard for Tests for Fire Resistance of
Vault and File Room Doors (reaffirmation of ANSI/UL 155-2009):
8/16/2013

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.

ADA (American Dental Association)

Office: 211 East Chicago Avenue
Chicago, IL 60611-2678

Contact: Sharon Stanford

Fax: (312) 440-2529

E-mail: stanfords@ada.org

BSR/ADA Standard No. 1027-201x, Implementation Guide for ADA Standard No. 1000 - Standard Clinical Data Architecture (revision of ANSI/ADA 1027-2010)

Stakeholders: Dental practice management system developers and vendors.

Project Need: Changes to the implementation procedures for ADA Standard No. 1000 - Standard Clinical Data Architecture require an update to this implementation guide.

This implementation guide provides technical guidance for architects and developers for preparing a clinical data design that conforms to the ADA Standard 1000 requirements. It shows how to migrate the data model components in the standard to a functioning data system.

BSR/ADA Standard No. 1079-201x, Electronic Attachments for Dental Claims (new standard)

Stakeholders: Dentists, insurance companies, other payers, federal and state agencies.

Project Need: This new standard will cancel and replace ANSI/ADA Standard No. 1047- Standard Content of an Electronic Periodontal Attachment. This standard lacks newly introduced SNODENT terminology and ICD 10 codes. Moreover, it should be generalized for other typical uses such as orthodontic and oral and maxillofacial surgery claim attachments.

This standard will specify the standard content of an electronic dental claim attachment for predetermination and claims for actual services. It is generalized for a claims attachment for various types of dental services such as periodontal, orthodontic, and oral and maxillofacial surgery. It will utilize SNODENT terminology and ICD 10 codes

BSR/ADA Standard No. 1080-201x, Implementation of ADA Standard No. 1067 EDR Functional Requirements (new standard)

Stakeholders: Dental information system developers and any dental system certification organizations.

Project Need: For system developers who need guidance and direction on how to meet the standard functional requirements stated in ANSI/ADA Standard No. 1067 and how to test for system compliance.

Project scope is to develop a set of implementation statements from the ANSI/ADA 1067 for dental information system developers. The standard will include use cases for testability.

API (American Petroleum Institute)

Office: 1220 L Street, NW
Washington, DC 20005

Contact: Sally Goodson

Fax: (202) 962-4797

E-mail: goodsons@api.org

BSR/API MPMS Chapter 7.5, 1st Edition-201x, Temperature Determination - Automatic Tank Temperature Measurement On Board Marine Vessels Carrying Refrigerated Hydrocarbon and Chemical Gas Fluids (identical national adoption of ISO 8310:2012)

Stakeholders: Petrochemical suppliers, petrochemical purchasers, marine vessel operators, petrochemical terminal operators.

Project Need: Create an industry standard for automatic tank temperature measurement of refrigerated hydrocarbon and chemical gas fluids on board marine vessels. The new standard will harmonize global trade by national adoption of the ISO standard.

This standard specifies the essential requirements and verification procedures for automatic tank thermometers (ATTs) consisting of platinum resistance thermometers (PRT) and an indicating device used for custody transfer measurement of liquefied natural gas, liquefied petroleum, and chemical gases on board marine vessels and floating production storage offshore (FPSO), and floating storage offshore (FSO).

ATIS (Alliance for Telecommunications Industry Solutions)

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

Contact: Kerianne Conn

Fax: (202) 347-7125

E-mail: kconn@atis.org; jpemard@atis.org

BSR ATIS 0300247-201x, Operations, Administration, Maintenance, and Provisioning (OAM&P) - Performance Management Functional Area Services and Information Mode for Interfaces between Operations Systems and Network Elements (revision of ANSI ATIS 0300247-1998 (R2007))

Stakeholders: Communication Industry.

Project Need: To specify the interfaces between Operations Systems (OSs) and Network Elements (NEs).

This Standard is part of a series of standards needed to specify the interfaces between Operations Systems (OSs) and Network Elements (NEs). It specifies a Performance Management Information Model needed to facilitate the exchange of performance management information between OSs and NEs when providing Operations, Administration, Maintenance, and Provisioning functions.

BICSI (Building Industry Consulting Service International)

Office: 8610 Hidden River Parkway
Tampa, FL 33637

Contact: Jeff Silveira

Fax: (813) 971-4311

E-mail: jsilveira@bicsi.org

BSR/BICSI 002-201x, Data Center Design and Implementation Best Practices (revision of ANSI/BICSI 002-2011)

Stakeholders: Telecom, data center owners and operators, telecommunications and IT.

Project Need: As data center design continues to evolve due to change and innovation, standards supporting data center design need to keep current. This revision addresses all facets of the current standard.

This is a 3 year revision of ANSI/BICSI 002-2011. All content will be reviewed and modified as needed, with new material being created to address developments within data center design.

BSR/BICSI 006-201x, Distributed Antenna System (DAS) Design and Implementation Best Practices (new standard)

Stakeholders: Telecom designers, providers, installers; wireless system manufacturers, all industries utilizing DAS for wireless communication.

Project Need: There are a multitude of codes and standards for the components and equipment used to make up a DAS system. Yet a vendor-neutral standard for the design and installation of full DAS systems does not exist. The lack of standards has created an environment with a multitude of incompatible systems, most of which are extraordinarily expensive to design and install.

This standard includes material for the design and implantation of a DAS, including, but not limited to:

- DAS Host Systems;
- RF Distribution Technology Types;
- Location Technologies;
- Compliance and Legal Issues;
- Design Coordination;
- Wireless Design;
- Telecommunication Infrastructure;
- Installation & Commissioning; and
- Specific Locations and Situations.

CEMA (Conveyor Equipment Manufacturers Association)

Office: 5672 Strand Court
Suite 2
Naples, FL 34110

Contact: Philip Hannigan

Fax: (239) 514-3470

E-mail: phil@cemanet.org

BSR/CEMA 300-201x, Screw Conveyor Dimensional Standards (revision of ANSI/CEMA 300-2009)

Stakeholders: Manufacturers, specifiers, and users of screw conveyors.

Project Need: Incorporate new screw conveyor dimensions.

The adoption of consensus dimensional standards for 30-inch and 36-inch screws in ANSI/CEMA 350 requires addition of the same information in 28 of the 34 standards that make up ANSI/CEMA Std 300.

BSR/CEMA 350-201x, Screw Conveyors (revision of ANSI/CEMA 350-2009)

Stakeholders: Manufacturers, specifiers, and users of screw conveyors.

Project Need: Add dimensional and performance standards for 30-inch and 36-inch screws.

CEMA intends to incorporate dimensional and performance standards for 30-inch and 36-inch screws. This will involve changes to numerous tables in the current standard.

BSR/CEMA 501.1-201x, Welded Steel Conveyor Pulleys (revision of ANSI/CEMA 501.1-2003 (R2009))

Stakeholders: Manufacturers, specifiers, and users of welded-steel conveyor pulleys with compression-type hubs.

Project Need: Incorporate revisions from ANSI/CEMA B105.1 into current standard.

The 2009 revision of ANSI/CEMA B105.1 and the development of additional information for the Seventh Edition of the CEMA Belt Book created new and revised content, which will be incorporated into the current standard.

HL7 (Health Level Seven)

Office: 3300 Washtenaw Avenue
Suite 227
Ann Arbor, MI 48104

Contact: Karen Van Hentenryck

Fax: (734) 677-6622

E-mail: Karenvan@HL7.org

BSR/HL7 CDAR2L3IG EMSRUNRPT, R1-201x, HL7 Implementation Guide for CDA Release 2 - Level 3: Emergency Medical Services; Patient Care Report, Release 1 - US Realm (new standard)

Stakeholders: Quality reporting agencies, EMS agencies and software vendors, hospitals, and EHR vendors.

Project Need: The US Sponsor desires to bring EMS communication into line with HITSP and NHIN standards to support quality and the ability to benefit from data re-use.

This CDA implementation guide, based on the DAM approved in May 2010, supports emergency medical service in the pre-hospital setting; specifically, it defines a Patient Run Report from the EMS Agency to the ED. Future versions will expand the scope to cover the full EMS domain, including transmissions to regulatory agencies and ad hoc updates and instructions. This guide is supported by Java class files to support document generation and validation, with or without the use of the Model Driven Health Tools application.

BSR/HL7 PRIVECLASSSYS, R1-201x, HL7 Healthcare Privacy and Security Classification System, Release 1 (new standard)

Stakeholders: Healthcare industry generally.

Project Need: Electronic exchange of health information requires a healthcare-specific information privacy sensitivity and security classification system for ensuring interoperable compliance with jurisdictional and organizational privacy policies, and patient privacy preferences related to the collection, access, use, and disclosure of protected information.

This document describes the use of a Healthcare Privacy and Security Classification System (HCS) suitable for automated "tagging" and segmentation of protected health care information for security and privacy logical access purposes.

BSR/HL7 V3ITSHDATA RF, R1-201x, HL7 Version 3 Standard: hData Record Format, Release 1 (new standard)

Stakeholders: Healthcare.

Project Need: For some health industry stakeholders, some xml-based content exchange models are more complex than required or are perceived as difficult to implement. hData provides a simpler framework for the exchange of that same semantic content.

The hData Record Format defines a machine-readable file format (root.xml) that describes the resources located at an hData service endpoint and the URLs needed to access them through RESTful services. The root file is accessed by clients to determine the capabilities of the service endpoint, and its conformance to one or more predefined profiles. The hData Record Format, together with the OMG hData RESTful Transport, defines an implementable solution for exchanging health resources, including, but not limited to, FHIR resources.

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

Office: NIST
100 Bureau Drive, Mail Stop 8642
Gaithersburg, MD 20899-8462

Contact: Michael Unterweger

Fax: (301) 926-7416

E-mail: michael.unterweger@nist.gov

BSR N42.38-201x, Performance Criteria for Spectroscopy Based Portal Monitors Used for Homeland Security (revision of ANSI N42.38 -2006)

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

Project Need: Standard needs revision to reflect testing results obtained.

This standard specifies the operational and performance requirements for spectroscopy-based portal monitors (SRPM) used in homeland security applications. Spectroscopy-based portal monitors have the ability to detect radioactivity and identify radionuclides that may be present in or on persons, vehicles, or containers through the use of gamma spectroscopy techniques. Performance requirements for those portal monitors that do not provide information about the specific radionuclide present are addressed by ANSI N42.35.

BSR N323A/B-201x, Radiation Protection Instrumentation Test and Calibration, Portable Survey Instruments (revision and redesignation of ANSI N323B-2003)

Stakeholders: Health physicists, radiation workers, government agencies.

Project Need: To combine N323A and N323B to enhance clarity.

This standard establishes specific calibration and calibration-related requirements for portable radiation protection instruments used for detection and measurement of levels of ionizing radiation fields or levels of radioactive surface contamination. For purposes of this standard, portable radiation protection instruments are those battery-powered instruments that are carried to a specific facility or location for use. Count rate meters and scalars, when used with an appropriate detection probe for quantifying activity, can be considered portable radiation protection instruments and should be treated as a single unit for the purposes of this standard.

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Peachtree Corners, GA 30092

Contact: Charles Bohanan

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 480 om-201x, Specular gloss of paper and paperboard at 75 degrees (new standard)

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

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

This method is for measuring the specular gloss of paper at 75 degrees (15 degrees from the plane of paper). Although its chief application is to coated papers, it is also used for a variety of uncoated papers.

UL (Underwriters Laboratories, Inc.)

Office: 12 Laboratory Dr.
Research Triangle Park, NC 27709

Contact: Jonette Herman

Fax: (919) 549-1479

E-mail: Jonette.A.Herman@ul.com

BSR/UL 2788-201X, Standard for Safety for Industrial and Commercial Vibrators (new standard)

Stakeholders: Manufacturers and users.

Project Need: To obtain national recognition for UL 2788.

UL 2788 covers industrial and commercial vibrators designed and intended to facilitate the flow and settling of granular materials and slurries. These products are intended to be mounted to bins, chutes, hoppers, tables, forms, and/or vehicle beds or containers. The products covered by these requirements are electrically operated, AC and/or DC and are rated 1,000 volts single or three-phase or less.

American National Standards Maintained Under Continuous Maintenance

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

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

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

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

To obtain additional information with regard to these standards, including contact information at the ANSI Accredited Standards Developer, please visit *ANSI Online* at www.ansi.org, 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.

ABMA (ASC B3)

American Bearing Manufacturers Association
2025 M Street, NW
Suite 800
Washington, DC 20036-3309
Phone: (919) 481-2852
Fax: (919) 827-4587
Web: www.americanbearings.org

ADA (Organization)

American Dental Association
211 East Chicago Avenue
Chicago, IL 60611-2678
Phone: (312) 440-2509
Fax: (312) 440-2529
Web: www.ada.org

API

American Petroleum Institute
1220 L Street, NW
Washington, DC 20005
Phone: (202) 682-8584
Fax: (202) 962-4797
Web: www.api.org

ARMA

ARMA International
11880 College Boulevard
Suite 450
Overland Park, KS 66210
Phone: (913) 312-5565
Fax: (913) 341-3742
Web: www.arma.org

ASHRAE

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

ASQ (ASC Z1)

American Society for Quality
600 N Plankinton Ave
Milwaukee, WI 53201
Phone: (414) 272-8575
Fax: (414) 272-1734
Web: www.asq.org

ATIS

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

BICSI

Building Industry Consulting Service International
8610 Hidden River Parkway
Tampa, FL 33637
Phone: (813) 903-4712
Fax: (813) 971-4311
Web: www.bicsi.org

BIFMA

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

CEMA

Conveyer Equipment Manufacturers Association
5672 Strand Court
Suite 2
Naples, FL 34110
Phone: (239) 514-3441
Fax: (239) 514-3470
Web: www.cemanet.org

CSA

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

ECA

Electronic Components Association
2214 Rock Hill Road
Suite 170
Herndon, VA 20170-4212
Phone: ((703)) 907-7421
Fax: ((703)) 907-7601
Web: www.ce.org

HL7

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

IEEE (ASC N42)

Institute of Electrical and Electronics Engineers
NIST
100 Bureau Drive, Mail Stop 8642
Gaithersburg, MD 20899-8462
Phone: (301) 975-5536
Fax: (301) 926-7416
Web: www.ieee.org

ISA (Organization)

ISA-The Instrumentation, Systems, and Automation Society
67 Alexander Drive
Research Triangle Park, NC 27709
Phone: (919) 990-9213
Fax: (919) 549-8288
Web: www.isa.org

NEMA (ASC C8)

National Electrical Manufacturers Association
1300 North 17th Street
Suite 1752
Rosslyn, VA 22209
Phone: (703) 841-3271
Fax: 703-841-3371
Web: www.nema.org

NSF

NSF International
789 N. Dixboro Road
Ann Arbor, MI 48105
Phone: (734) 827-5643
Fax: (734) 827-7880
Web: www.nsf.org

PLASA

PLASA North America
630 Ninth Avenue
Suite 609
New York, NY 10036-3748
Phone: (212) 244-1505
Fax: (212) 244-1502
Web: www.plasa.org

SPI

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

TAPPI

Technical Association of the Pulp and Paper Industry
15 Technology Parkway South
Peachtree Corners, GA 30092
Phone: (770) 209-7276
Fax: (770) 446-6947
Web: www.tappi.org

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

UL

Underwriters Laboratories, Inc.
12 Laboratory Dr.
Research Triangle Park, NC 27709
Phone: (919) 549-0954
Web: www.ul.com



Newly Published ISO Standards

Listed here are new and revised standards recently approved and promulgated by ISO - the International Organization for Standardization. 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>).

GEOTECHNICS (TC 182)

ISO 14688-1/Amd1:2013, Geotechnical investigation and testing - Identification and classification of soil - Part 1: Identification and description - Amendment 1, \$20.00

ISO 14688-2/Amd1:2013, Geotechnical investigation and testing - Identification and classification of soil - Part 2: Principles for a classification - Amendment 1, \$20.00

MATERIALS FOR THE PRODUCTION OF PRIMARY ALUMINIUM (TC 226)

ISO 2926:2013, Aluminium oxide used for the production of primary aluminium - Particle size analysis for the range 45 µm to 150 µm - Method using electroformed sieves, \$80.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO 20958:2013, Condition monitoring and diagnostics of machine systems - Electrical signature analysis of three-phase induction motors, \$135.00

PAINTS AND VARNISHES (TC 35)

ISO 11997-2:2013, Paints and varnishes - Determination of resistance to cyclic corrosion conditions - Part 2: Wet (salt fog)/dry/humidity/UV light, \$70.00

SIEVES, SIEVING AND OTHER SIZING METHODS (TC 24)

ISO 3310-2:2013, Test sieves - Technical requirements and testing - Part 2: Test sieves of perforated metal plate, \$80.00

SMALL CRAFT (TC 188)

ISO 10088:2013, Small craft - Permanently installed fuel systems, \$104.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO 10517/Amd1:2013, Powered hand-held hedge trimmers - Safety - Amendment 1, \$20.00

ISO 5395-1:2013, Garden equipment - Safety requirements for combustion-engine-powered lawnmowers - Part 1: Terminology and common tests, \$181.00

ISO/IEC JTC 1, Information Technology

ISO/IEC/IEEE 9945/Cor1:2013, Information technology - Portable Operating System Interface (POSIX®) Base Specifications, Issue 7 - Corrigendum, FREE

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) 642-4946.

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

NFC Forum

Public Review: August 23 to November 21, 2013

Sentinel Real Estate Corporation

Public Review: July 19 to October 16, 2013

Topcon Medical Systems

Public Review: August 23 to November 21, 2013

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

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 for information technology developers, producers and users for the creation and maintenance of formal de jure IT standards. INCITS' mission is to promote the effective use of Information and Communication Technology through standardization in a way that balances the interests of all stakeholders and increases the global competitiveness of the member organizations.

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

The INCITS Executive Board seeks to broaden its membership base and is recruiting new participants in the following membership categories:

- special interest (user, academic, consortia)
- non-business (government and major/minor SDOs)

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

Calls for Members

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

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

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

ANSI Accredited Standards Developers

Reaccreditation

AMCA International – The Air Movement and Control Association

Comment Deadline: September 23, 2013

AMCA International - the Air Movement and Control Association, an ANSI Organizational Member, has submitted revisions to its currently accredited policies and procedures for documenting consensus on AMCA-sponsored American National Standards, under which it was last reaccredited in 2011. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Mr. John Pagan, Technical Editor, AMCA International, 30 West University Drive, Arlington Heights, IL 60004-1893; phone: 847.704.6295; e-mail: jpagan@amca.org. You may view/download a copy of the revisions during the public review period at the following URL:

<http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fPublic%20Review%20and%20Comments%2fANS%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d>. Please submit any public comments on the revised procedures to AMCA International by September 23, 2013, with a copy to the ExSC Recording Secretary in ANSI's New York Office (e-mail: jthomps@ANSI.org).

U.S. Technical Advisory Groups

Approvals of TAG Accreditations

U.S. TAG to ISO PC 277 – Sustainable Purchasing

ANSI's Executive Standards Council (ExSC) has formally approved the accreditation of the U.S. Technical Advisory Group to ISO PC 277, Sustainable Purchasing under the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities (as contained in Annex A of the ANSI International Procedures) and with ASTM serving as TAG Administrator, effective August 20, 2013. For additional information, please contact: Mr. Steve Mawn, Manager, Technical Committee Operations, ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428; phone: 610.832.9726; e-mail: smawn@astm.org.

U.S. TAG to ISO PC 283 – Occupational Health and Safety Management Systems – Requirements

ANSI's Executive Standards Council (ExSC) has formally approved the accreditation of the U.S. Technical Advisory Group to ISO PC 283, Occupational Health and Safety Management Systems - Requirements under the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities (as contained in Annex A of the ANSI International Procedures) and with the American Society of Safety Engineers (ASSE) serving as TAG Administrator, effective August 20, 2013. For additional information, please contact: Mr. Timothy R. Fisher, Director, Practices & Standards, American Society of Safety Engineers, 1800 East Oakton Street, Des Plaines, IL 60018; phone: 847.768.3411; e-mail: TFisher@ASSE.org.

U.S. TAG to PC 285 – Clean Cookstoves and Clean Cooking Solutions

ANSI's Executive Standards Council (ExSC) has formally approved the accreditation of the U.S. Technical Advisory Group to ISO TC 285, Clean cookstoves and clean cooking solutions under the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities (as contained in Annex A of the ANSI International Procedures) and with the American National Standards Institute (with technical and financial support from the Global Alliance for Clean Cookstoves (part of the United National Foundation)) serving as TAG Administrator, effective August 20, 2013. For additional information, please contact: Ms. Sally Seitz, Sr. Manager, Standards Facilitation, ANSI, 25 West 43rd Street, 4th Floor, New York, NY 10036; phone: 212.642.4918; e-mail: sseitz@ansi.org.

Information Concerning

International Organization for Standardization (ISO)

Call for Comments

ISO/TMB – Standards under Systematic Review

Every International Standard published by ISO shall be subject to systematic review in order to determine whether it should be confirmed, revised/amended, converted to another form of deliverable, or withdrawn at least once every five years.

ISO has launched Systematic Review ballots on the following standards that are the responsibility of the ISO/TMB:

- **ISO 310:1992 (Ed 3, vers 4)**, Manganese ores and concentrates -- Determination of hygroscopic moisture content in analytical samples -- Gravimetric method
- **ISO 312:1986 (Ed 3, vers 4)**, Manganese ores -- Determination of active oxygen content, expressed as manganese dioxide -- Titrimetric method
- **ISO 554:1976 (vers 6)**, Standard atmospheres for conditioning and/or testing -- Specifications
- **ISO 4293:1982 (vers 3)**, Manganese ores and concentrates -- Determination of phosphorus content -- Extraction-molybdovanadate photometric method
- **ISO 4296-1:1984 (vers 3)**, Manganese ores -- Sampling -- Part 1: Increment sampling
- **ISO 4571:1981 (vers 5)**, Manganese ores and concentrates -- Determination of potassium and sodium content -- Flame atomic emission spectrometric method
- **ISO 5890:1981 (vers 5)**, Manganese ores and concentrates -- Determination of silicon content -- Gravimetric method
- **ISO 6129:1981 (vers 5)**, Chromium ores -- Determination of hygroscopic moisture content in analytical samples -- Gravimetric method
- **ISO 6130:1985 (vers 3)**, Chromium ores -- Determination of total iron content -- Titrimetric method after reduction
- **ISO 7990:1985 (vers 3)**, Manganese ores and concentrates -- Determination of total iron content -- Titrimetric method after reduction and sulfosalicylic acid spectrophotometric method
- **ISO 8530:1986 (vers 4)**, Manganese and chromium ores -- Experimental methods for checking the precision of sample division
- **ISO 8542:1986 (vers 4)**, Manganese and chromium ores -- Experimental methods for evaluation of quality variation and methods for checking the precision of sampling

As there is no accredited U.S. TAG to provide the U.S. consensus positions on these documents, we are seeking comments from any directly and materially affected parties.

Organizations or individuals interested in submitting comments or in requesting additional information should contact ISOT@ansi.org.

Information Concerning

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO TC 121 Anesthetic and respiratory equipment programs

Comment Deadline: September 16, 2013

ANSI has delegated the responsibility for the administration of the US TAGs and secretariats for ISO/TC 121 (Anaesthetic and respiratory equipment) and its SCs to ASTM International. ASTM International has advised ANSI of its intent to relinquish its role as US/TAG administrator, effective 12-31-2013. Currently, this US/TAG supports P memberships in the following ISO committees:

ISO/TC 121	Anesthetic and respiratory equipment
ISO/TC 121/SC1	Breathing attachments and anesthetic machines
ISO/TC 121/SC2	Airways and related equipment
ISO/TC 121/SC3	Lung ventilators and related equipment
ISO/TC 121/SC4	Terminology and semantics
ISO/TC 121/SC6	Medical gas systems
ISO/TC 121/SC8	Suction devices for hospital and emergency care use

ASTM has also advised ANSI that it will relinquish their role as an ANSI delegated secretariat for the following ISO committees:

ISO/TC 121	Anesthetic and respiratory equipment
ISO/TC 121/SC 2	Airways and related equipment
ISO/TC 121/SC 3	Lung ventilators and related equipment
ISO/TC 121/SC 4	Terminology and semantics
ISO/TC 121/SC 6	Medical gas systems

ISO/TC 121 operates under the following scope:

- Standardization of anaesthetic and respiratory equipment and supplies, related devices and supply systems

ANSI is seeking organizations in the U.S. that may be interested in assuming responsibility for the administration of the US TAG and/or to serve as the ANSI-delegated secretariats for the above-listed committees.

Additionally, ANSI may be assigned the responsibility for direct administration a US/TAG and/or an ISO secretariat. Any request that ANSI accept a direct administration role shall demonstrate that

1. US interests in the industry sector request that ANSI perform this function;
2. the relevant US TAG has been consulted and is supportive of ANSI's potential role in providing direct administration services;
3. US interests in the industry sector have made a financial commitment for not less than three years covering all defined costs incurred by ANSI associated with providing direct administration services;
4. ANSI is able to fulfill the requirements of direct administration.

Organizations seeking information concerning the United States retaining the role US TAG administrator or international secretariat may be obtained by contacting ANSI at isot@ansi.org by 9/16/13. If there is no support for retaining these roles in ISO/TC 121 and SCs in the United States, then ANSI will so advise the ISO Central Secretariat.

Information Concerning International Electrotechnical Commission (IEC)

New Field of Technical Activity

Proposal for a new technical committee entitled “Switchgear and controlgear and their assemblies for low voltage”

Comment Deadline: August 30, 2013

The IEC National Committees have been invited to vote before September, 6, 2013 on a proposal by IEC SC17B and IEC SC17D Secretaries for a New Field of Technical Activity – Switchgear and Controlgear and Their Assemblies for Low Voltage.

Draft Scope: To prepare international standards for low-voltage switchgear and controlgear equipment for industrial, commercial and similar use rated below or equal to 1 kV a.c. and 1,5 kV d.c, electromechanical as well as semiconductor (solid state) equipment. The scope includes open and enclosed separate items of equipment as well as assemblies which are the combinations of items of equipment into complete functional units.

Purpose and Justification: Introduction: After the consultation made by TC 17 (document 17/996/Q) about its structure, the resulting comments (document 17/998/RQ) have pointed the necessity for a stronger coordination between SC 17B and SC 17D which was not easy without any activities at TC 17 level. The document proposes a new organization for low voltage activities.

Business: In mature countries, most of the devices covered by SC 17B are integrated within assemblies covered by SC 17D. Continued effort is required to ensure wider adoption of the standards in less developed markets and countries. The market trend is to optimise solutions in terms of functions and performance, at a high level of safety for each domain of application, for example: infrastructure, building, machinery, etc. This implies a stronger coordination between component and assembly standards committees, especially for new industrial applications, such as PV, windmills, etc.

Technology: The new trends are the incorporation of more electronic parts in switchgear, of more IT subsystems integrated in assemblies, of DC power supply distribution and of aluminum conductors. These are the challenges for future common rules in SC 17B and SC 17D.

The U S National Committee has been invited to indicate if it agrees with the scope proposed for this new IEC TC, if it wishes to register as a Participating Member and if it intends to actively participate. If the USNC is to become a P Member, a Technical Advisory Group (TAG) will have to be established and a TAG Administrator will have to be assigned. If any entities are interested in the position of TAG Administrator, they are invited to contact by FRIDAY, AUGUST 30, 2013, Tony Zertuche, USNC Deputy General Secretary, at tzertuche@ansi.org.

Information Concerning

International Electrotechnical Commission (IEC)

New Field of Technical Activity

Proposal for a new technical committee on UHV AC transmission systems

Comment Deadline: August 30, 2013

The IEC National Committees have been invited to vote before September 6, 2013 on a proposal from the Chinese National Committee for a New Field of Technical Activity – UHV AC transmission systems.

Draft Scope: Standardization in the field of AC transmission technology at 1000 kV and above, comprising systems-oriented guidance such as that for planning, design aspects, technical requirements, construction, commissioning, reliability, availability, operation and maintenance. Processes for specifying requirements and demonstrating whether the required performance of UHV systems is assured.

Responsibility for equipment standards remains with product TCs, except for specific equipment which is not within the scope of an existing TC but is nevertheless essential for the UHV transmission system. The UHV AC Transmission TC will consult and coordinate with the product TCs in all systems-related aspects of equipment standards.

The U S National Committee has been invited to indicate if it agrees with the scope proposed for this new IEC TC, if it wishes to register as a Participating Member and if it intends to actively participate. If the USNC is to become a P Member, a Technical Advisory Group (TAG) will have to be established and a TAG Administrator will have to be assigned. If any entities are interested in the position of TAG Administrator, they are invited to contact by FRIDAY, AUGUST 30, 2013, Tony Zertuche, USNC Deputy General Secretary, at tzertuche@ansi.org.



**BSR/ASHRAE Addendum b
to ANSI/ASHRAE Standard 206-2013**

Public Review Draft

**Proposed Addendum b
to Standard 206, Method of Test for
Rating of Multi-Purpose Heat Pumps
for Residential Space Conditioning
and Water Heating**

**First Public Review (August 2013)
(Draft Shows Proposed Changes to Current Standard)**

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed standard, go to the ASHRAE website at www.ashrae.org/standards-research--technology/public-review-drafts and access the online comment database. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE website) remains in effect. The current edition of any standard may be purchased from the ASHRAE Online Store at www.ashrae.org/bookstore or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

This standard is under continuous maintenance. To propose a change to the current standard, use the change submittal form available on the ASHRAE website, www.ashrae.org.

The appearance of any technical data or editorial material in this public review document does not constitute endorsement, warranty, or guaranty by ASHARE of any product, service, process, procedure, or design, and ASHRAE expressly disclaims such.

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ASHRAE, 1791 Tullie Circle, NE, Atlanta GA 30329-2305

(This foreword is not part of this standard. It is merely informative and does not contain requirements necessary for conformance to the standard. It has not been processed according to the ANSI requirements for a standard and may contain material that has not been subject to public review or a consensus process. Unresolved objectors on informative material are not offered the right to appeal at ASHRAE or ANSI.)

FOREWORD

This addendum adds wording to clarify that the upper element portion of the water heater tank is always heated to 57°C (135°F) at the conclusion of a water heating test, and to correct for any net change in average tank temperature.

[Note to Reviewers: This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~striketrough~~ (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the current standard are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed changes.]

Addendum b to 206

Reviewer Note: Section 9.3.1.4 is added, and Sections 10.6.1.3, 10.7.1.2, 10.7.2.3, 10.8.1.3, 10.8.2.3, and 11.4.1 and Tables 10.8 and 10.9 are modified as follows.

9.3.1.4 If the average tank temperature at the conclusion of a water heating test is less than the average tank temperature at the initiation of a test, the difference shall be made up from supplemental electric heat and calculated according to the calculation procedure of Section 11.4.1.

10.6.1.3 A water draw is imposed until the appliance initiates water heating, either from a resistive element or refrigerant-to-water heat exchange. A draw of not less than 42 Liters (or 41 kg) (11 gallons or 90 pounds) shall be imposed. Water shall be removed at a rate of $11.4 \pm 1.0 \text{ L/s}$ ($3.0 \pm 0.25 \text{ gpm}$) while the make-up water temperature is maintained within $14.4^\circ\text{C} \pm 1.1^\circ\text{C}$ ($58^\circ\text{F} \pm 2^\circ$). Once water heating is initiated, or 42 Liters (or 41 kg) (11 gallons or 90 pounds) has been drawn, the water draw is terminated and the water heater is allowed to fully recover. If the recovery did not include upper element operation, the upper element shall be energized as a last operation until T_{w1} equals 57°C (135°F).

10.7.1.2 A water draw is imposed until the appliance initiates water heating, either from a resistive element or refrigerant-to-water heat exchange. A draw of not less than 42 Liters (or 41 kg) (11 gallons or 90 pounds) shall be imposed. Water shall be removed at a rate of $11.4 \pm 1.0 \text{ L/s}$ ($3.0 \pm 0.25 \text{ gpm}$) while the make-up water temperature is maintained within $14.4^\circ\text{C} \pm 1.1^\circ\text{C}$ ($58^\circ\text{F} \pm 2^\circ\text{F}$). Once water heating is initiated, or 42 Liters (or 41 kg) (11 gallons or 90 pounds) has been drawn, the water draw is terminated, and the water heater is allowed to fully recover. If the recovery did not include upper element operation, the upper element shall be energized as a last operation until T_{w1} equals 57°C (135°F).

10.7.2.3 A water draw is imposed until the appliance initiates water heating, either from a resistive element or refrigerant-to-water heat exchange. A draw of not less than 42 Liters (or 41 kg) (11 gallons or 90 pounds) shall be imposed. Water shall be removed at a rate of $11.4 \pm 1.0 \text{ L/s}$ ($3.0 \pm 0.25 \text{ gpm}$) while the make-up water temperature is maintained within $14.4^\circ\text{C} \pm 1.1^\circ\text{C}$ ($58^\circ\text{F} \pm 2^\circ\text{F}$). Once water heating is initiated, or 42 Liters (or 41 kg) (11 gallons or 90 pounds) has been drawn, the water draw is terminated, and the water heater is allowed to fully recover. If the recovery did not include upper element operation, the upper element shall be energized as a last operation until T_{w1} equals 57°C (135°F).

10.8.1.3 A water draw is imposed until the appliance initiates water heating, either from a resistive element or refrigerant-to-water heat exchange. A draw of not less than 42 Liters (or 41 kg) (11 gallons or 90 pounds) shall be imposed. Water shall be removed at a rate of $11.4 \pm 1.0 \text{ L/s}$ ($3.0 \pm 0.25 \text{ gpm}$) while the make-up water temperature is maintained within $14.4^\circ\text{C} \pm 1.1^\circ\text{C}$ ($58^\circ\text{F} \pm 2^\circ\text{F}$). Once water heating is initiated, or 42 Liters (or 41 kg) (11 gallons or 90 pounds) has been drawn, the water draw is terminated, and the water heater is allowed to fully recover. If the recovery did not include upper element operation, the upper element shall be energized as a last operation until T_{w1} equals 57°C (135°F).

10.8.2.3 A water draw is imposed until the appliance initiates water heating, either from a resistive element or refrigerant-to-water heat exchange. A draw of not less than 42 Liters (or 41 kg) (11 gallons or 90 pounds) shall be imposed. Water shall be removed at a rate of $11.4 \pm 1.0 \text{ L/s}$ ($3.0 \pm 0.25 \text{ gpm}$) while the make-up water temperature is maintained within $14.4^\circ\text{C} \pm 1.1^\circ\text{C}$

(58°F ± 2°F). Once water heating is initiated, or 42 Liters (or 41 kg) (11 gallons or 90 pounds) has been drawn, the water draw is terminated, and the water heater is allowed to fully recover. If the recovery did not include upper element operation, the upper element shall be energized as a last operation until Tw1 equals 57°C (135°F).

TABLE 10.8.—STEADY-STATE COMBINED OPERATION & WATER DRAW SCHEDULE

Sequence	
1	Heat pump operating continuously in space conditioning mode, and/or resistive to conclusion of water heating.
2	Condition with minimum 41.6 Liter (11 gallon) draw to initiate water heating.
3	Heat pump and/or resistive operation to conclusion of water heating.
4	Heat pump continues to operate in space conditioning mode for 5 to 15 minutes.
5	t=0, draw 20.4 Liters (5.4 gallons).
6	Heat pump and resistive operate on internal controls, with a continuous call for space conditioning.
7	t=68 minutes, draw 60.9 Liters (16.1 gallons).
8	Heat pump and resistive operate on internal controls, with a continuous call for space conditioning.
9	t=118 minutes, draw 40.5 Liters (10.7 gallons).
10	Heat pump and resistive operate on internal controls to conclusion of water heating, with a continuous call for space conditioning.
11	<u>If Tw1 is less than 57°C (135°F) following step 10, the upper element shall be energized as a last operation until Tw1 equals 57°C (135°F).</u>

TABLE 10.9.—DEDICATED WATER HEATING OPERATION & WATER DRAW SCHEDULE

Sequence	
1	Heat pump operating continuously in dedicated water heating mode, and/or resistive to conclusion of water heating.
2	Condition with minimum 41.6 Liter (11 gallon) draw to initiate water heating.
3	Heat pump and/or resistive operation to conclusion of water heating.
4	Compressor off for 10 minutes.
5	t=0, draw 20.4 Liters (5.4 gallons).
7	Heat pump and resistive operate on internal controls.
8	t=68 minutes, draw 60.9 Liters (16.1 gallons).
9	Heat pump and resistive operate on internal controls.
10	t=118 minutes, draw 40.5 Liters (10.7 gallons).
11	Heat pump and resistive operate on internal controls to conclusion of water heating.
12	<u>If Tw1 is less than 57°C (135°F) following step 11, the upper element shall be energized as a last operation until Tw1 equals 57°C (135°F).</u>

11.4.1 Potable Water Heating Capacity
The temperatures of the water withdrawn and the make-up water supplied to the water heater during a draw shall be measured as described in Section 8.7.2. The mean for each set of temperatures shall be determined, $\bar{T}_{zdr,o}$ and $\bar{T}_{zdr,i}$, where z designates the hot water draw number. The total mass or volume removed during each draw, m_{zdr} or V_{zdr}, shall also be measured. From these measurements, the energy removed from the water heater during each draw, Q_{zdr}, shall be calculated using:

$$Q_{zdr} = m_{zdr} \cdot C_p \cdot w \cdot (\bar{T}_{zdr,o} - \bar{T}_{zdr,i}) \cdot 3600, \text{ Wh}$$

(SI)11.4.1-1

$$[= m_{zdr} \cdot C_p \cdot w \cdot (\bar{T}_{zdr,o} - \bar{T}_{zdr,i}), \text{ Btu}]$$

(I-P)

$$\text{or, } Q_{zdr} = V_{zdr} \cdot \rho_w \cdot C_p \cdot w \cdot (\bar{T}_{zdr,o} - \bar{T}_{zdr,i}) \cdot 3600, \text{ Wh}$$

(SI)11.4.1-2

$$[= V_{zdr} \cdot \rho_w \cdot C_p \cdot w \cdot (\bar{T}_{zdr,o} - \bar{T}_{zdr,i}), \text{ Btu}]$$

(I-P)

where

m_{zdr} = mass of water withdrawn on the zth draw, kg (lb)

V_{zdr} = volume of water withdrawn on the zth draw, L (gallons)

ρ_w = water density, 0.985 kg/L (8.22 lbm/gal) (unless determined based on T_{zdr,0}); and

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First Public Review Draft

Cpw = specific heat of the water removed, 4.186 J/kg-C (1.00 Btu/lbm•°F)

The total energy removed during all three draws of the simulated use test shall be recorded as:
 $\Sigma Q_{dr,s} = Q_{1dr} + Q_{2dr} + Q_{3dr}$ 11.4.1-3

The combined appliance average water heating capacity from the test is then calculated from:

$q'w = (\Sigma Q_{dr,s} + Q_{tk} - E_r) / ((t_f - t_i) / 60), W$ (SI) 11.4.1-4

$[= (\Sigma Q_{dr,s} + Q_{tk} - E_r * 3.413) / ((t_f - t_i) / 60), Btu/h]$ (I-P)

where

Qtk = water heater tank standby loss, W (Btu/h). As presented in Section 11.7.2.1, the hourly tank standby loss is equal to 44.2 W (150.8 Btu/h) for the standard rating 189 L (50 gal) water heater prior to April 15, 2015. After April 15, 2015, the tank standby loss will equal 15.7 W (53.6 Btu/h).

E_r = the net electrical energy consumed by the water heater during a simulated use test, Wh (Wh)

t_i = time that the compressor or auxiliary water heater elements begin operation following initiation of the first water draw, minutes (minutes). For steady-state tests conducted per sections 10.6.1, 10.7.1, and 10.10, t_i = t₀, the time that the first water draw is initiated. For cyclic tests conducted per sections 10.6.2 and 10.7.2, t_i = the time that the compressor starts, whether due to internal controls or at t_i = 10 when the space conditioning thermostat signal is initiated. For demand tests conducted per sections 10.8.1 and 10.8.2, t_i = the time that the compressor starts.

t_f = time that both the compressor and the auxiliary water heater elements cease operation following termination of the third water draw, minutes (minutes). See Section 9.3.1.1.

If both the compressor and the auxiliary water heater elements cease operation between initiation of the first and third water draw because of a fully recovered water heater, the off time shall be deducted from the total elapsed time.

If the average tank temperature at the conclusion of a water heating test is less than the average tank temperature at the initiation of a test, a value Q_{wsup} is added to the heat pump water heating capacity, and a value E_{wsup} is added to the heat pump energy use, where:

$Q_{wsup} = \frac{\Sigma ((T_{w1i} + T_{w2i} + T_{w3i} + T_{w4i} + T_{w5i} + T_{w6i}) - (T_{w1f} + T_{w2f} + T_{w3f} + T_{w4f} + T_{w5f} + T_{w6f})) / 6 * V_t * C_{pw} * \rho_w * 3600}{Wh}$ (SI) 11.4.1-5

$\{= \frac{\Sigma ((T_{w1i} + T_{w2i} + T_{w3i} + T_{w4i} + T_{w5i} + T_{w6i}) - (T_{w1f} + T_{w2f} + T_{w3f} + T_{w4f} + T_{w5f} + T_{w6f})) / 6 * V_t * C_{pw} * \rho_w}{Btu}$ (IP)

$E_{wsup} = \frac{\Sigma ((T_{w1i} + T_{w2i} + T_{w3i} + T_{w4i} + T_{w5i} + T_{w6i}) - (T_{w1f} + T_{w2f} + T_{w3f} + T_{w4f} + T_{w5f} + T_{w6f})) / 6 * V_t * C_{pw} * \rho_w * 3600}{Wh}$ 11.4.1-6

where

T_{w1i} thru T_{w6i} are the tank temperatures at the initiation of the test, °C (°F)

T_{w1f} thru T_{w6f} are the tank temperatures at the conclusion of the test, °C (°F)

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

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

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3 General requirements

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3.5 Restrictions on use of lead containing materials

There shall be no lead added as an intentional ingredient in any product, component, or material submitted for evaluation to this standard, with the following exceptions:

- Brass or bronze used in products meeting the definition of “lead free” under the specific provisions of the Safe Drinking Water Act of the United States.
- Solders and flux meeting the definition of “lead free” under the specific provisions of the Safe Drinking Water Act of the United States.
- Products specifically identified as exemptions within section (a)(4)(B) of the Safe Drinking Water Act of the United States.
- Trace amounts required for operation of products used to monitor the characteristics of drinking water, such as the glass membranes used with some selective ion or pH electrodes.
- Materials of components with a diluted surface area less than or equal to 0.0001 in²/L.

NOTE – To the maximum extent possible, lead should not be added as an intentional in any product covered by the scope of this standard. The exception above relative to the diluted surface area has only been included in recognition of the formulation information exemption for applications of this condition.

Reason: Clarifying language added for instances where brass or bronze is used. Solder and flux addition clarifies that that not only that lead shall not be added as an intentional additive, but that they also comply with the SDWA. Addition of the item on specifically exempted products under the SDWA clarifies that the same is in effect in this section.

3.6 Weighted average lead content of products

Products being evaluated for weighted average lead content shall be performed in accordance with Annex G (NSF/ANSI 372 – Drinking Water System Components – Lead Content).

Reason: Removing reference to Annex G as it is being retired from NSF/ANSI 61. Use of NSF/ANSI 372 is still needed to verify compliance with the 1st bullet item above.

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Revision to NSF/ANSI 61 – 2012
Issue 105 Revision 1 (August 2013)

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[Please note: The following is not part of this ballot and is included for informational purposes only.]

Annex G (~~informative~~ normative)

Weighted average lead content evaluation procedure to a 0.25% lead requirement

The procedures for determining the lead content of drinking water system components were removed from NSF/ANSI 61 Annex G and reestablished in NSF/ANSI 372. Annex G was retired from NSF/ANSI 61 in October 2013 (i.e., three years after the initial adoption of NSF/ANSI 372 as outlined in Annex G).

G.1 — General

~~This is an optional evaluation method for products that need to meet a 0.25% weighted average lead content standard. Certification of products to this annex shall be noted in the certification listing.~~

~~Products must first comply with the full requirements of NSF/ANSI 61 in order to be deemed compliant to this section.~~

G.2 — General Evaluation Protocol

~~The evaluation for weighted average lead content shall be performed in accordance with NSF/ANSI 372: *Drinking water system components — Lead content*.~~

~~Note: The procedures for determining the lead content of drinking water system components were removed from NSF/ANSI 61 Annex G and reestablished in NSF/ANSI 372. Annex G is due to be retired from NSF/ANSI 61 three years after the adoption of NSF/ANSI 372.~~

Substantive changes to BSR/SPI B151.20-201X from comment resolutions

Normative column

Informative/Explanatory column

1.1 Scope

The requirements of this standard shall apply to plastic sheet production machinery. Safety requirements of ancillary equipment used with plastic sheet production machinery are not covered by this standard.

Plastic sheet production machinery suppliers and users shall use the risk assessment process in the manufacture, care, and use of the machinery.

Deviations from the requirements of this standard shall be based on a documented risk assessment.

This standard also specifies safety requirements relating to the design and construction of multi-roll calenders intended for the processing of plastics and concerns the calender including all components fixed to its frame.

In developing the requirements of this standard, the committee used the risk assessment process. A list of hazards typical of Plastic Sheet Production Machinery appears in clause 6 of this standard. For each hazard identified within the scope of the standard, the committee assessed the potential severity of injury related to the hazard, the frequency of exposure to the hazard, and possible avoidance. This process involved discussion among the committee, and resulted in the recommended risk reduction measures included in clauses 7 through 10 inclusive and additional Annex reference material. Compliance with this standard is considered to adequately control hazards identified in clause 6. Other hazards not listed in clause 6 that can occur with Plastic Sheet Production Machinery should be evaluated using the risk assessment process and may require additional risk reduction measures not included in this standard.

See ANSI B11.0 or ANSI/PMMI B155.1 for additional information on the risk assessment process.

2 Normative references

~~ANSI/SPI B151.7, Safety Requirements for Extrusion Machinery~~

ANSI/SPI B151.7, Safety Requirements for Extrusion Machinery

5 Responsibility

The supplier and the user either separately or jointly shall identify hazards, assess risks and reduce risks to an acceptable level within the scope of their respective work activities as described in this standard.

8 ~~Employer~~User responsibility

The user shall apply the risk assessment process to ensure that acceptable risk is achieved in the care and operation of plastic sheet production machinery.

The ~~employer~~user shall ensure that all plastic sheet production machines are in conformance with clauses 7 and 10 of this standard.

BSR/UL 1776, Standard for Safety for High-Pressure Cleaning Machines

1. Deletion of Draft Hood Requirements

~~43.5 A draft hood or draft regulator shall be furnished with each product equipped with an atmospheric or natural draft gas-fired burner.~~

~~Exception: This requirement does not apply to:~~

- ~~a) A product for outdoor use only and having a venting system supplied as part of the assembly,~~
- ~~b) A portable product, that may be used indoors, having a venting system provided as part of the assembly (see 116.3), or~~
- ~~c) A direct vented combustion system.~~

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BSR/UL 2200, Standard for Safety for Stationary Engine Generator Assemblies

1. Revision to accelerated aging test evaluation requirement for gaskets made of neoprene or rubber compound, addition of option to evaluate gaskets in outdoor use enclosures to the Standard for Gaskets and Seals, UL 157 and clarification of gasket material requirement

PROPOSAL

72.1 The enclosure of an outdoor unit shall be protected against outdoor exposure in accordance with the requirements in 72.2 - 72.14 72.15.

72.15 Gaskets depended upon for protection from rain shall be made of neoprene, rubber compounds or solid polyvinyl-chloride materials, except foamed materials, and shall:

a) Comply with the applicable requirements in the Standard for Gaskets and Seals, UL 157, or

b) Be evaluated to the Accelerated Aging Test, Section 73.2.

73.2.1 In accordance with the requirements in 72.15, Ggaskets depended upon for protection from rain and made of neoprene, or rubber compounds and or solid polyvinyl-chloride materials, except foamed materials, shall have physical properties as indicated in Table 73.1 before and after the conditioning indicated in Table 73.2.

Exception: The test is not required when the gaskets comply with the requirements in the Standard for Gaskets and Seals, UL 157.

Table 73.1*Physical properties for gaskets*

Physical property ^a	Neoprene or rubber compound		Polyvinyl-chloride materials	
	Before conditioning	After conditioning	Before conditioning	After conditioning
Tensile minimum set when 1 inch (25.4 mm) gage marks are stretched to 2-1/2 inches (63.5 mm), held for 2 minutes, and measured 2	1/4 inch (6.4 mm)	-	Not Specified	Not Specified

minutes after release.				
Elongation minimum increase in distance between 1 inch gage marks at break.	250 percent [to 3-1/2 inches (88.9 mm)]	65 <u>60</u> percent of original	250 percent [to 3-1/2 inches (88.9 mm)]	75 percent of original
Tensile strength minimum force at breaking point.	850 psi (5.86 MPa)	75 <u>60</u> percent of original	1200 psi (8.27 MPa)	90 percent of original

^a To be determined using the test methods and apparatus described in Standard Test Methods for Vulcanized Rubber and Thermoplastic Elastomers Tension, ASTM D412, except the method for tensile set is to be as specified in this table.

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BSR/UL 2250, Standard for Safety for Instrumentation Tray Cable

1. Addition of Wire Armor and Metal Braid to Metal Covering Options

17.1.1 Wire armor, interlocked metal armor, or a continuous metal sheath is acceptable over the jacket on any cable. See tests in Crushing Test for Cable Marked for Direct Burial, Section 30, Tension Test of Interlocked Steel or Aluminum Armor, Section 37, and Flexibility Test for Cable Having Interlocked Armor or a Smooth or Corrugated Metal Sheath, Section 38. Any metal covering that is provided shall be as follows:

- a) A smooth metal sheath shall comply with 17.1.2 and 17.2.1 - 17.2.3.
- b) A welded and corrugated metal sheath shall comply with 17.1.2, 17.1.3, 17.3.1, and 17.3.2.
- c) An extruded and corrugated metal sheath shall comply with 17.1.2, 17.1.3, 17.4.1, and 17.4.2.
- d) Interlocked metal armor shall comply with 17.1.2 and 17.5.1 - 17.5.9.
- e) Wire armor shall be applied over a jacket that complies with, Section 16 and shall be covered with an overall jacket that complies with Section 18.

17.6 Wire Armor

17.6.1 Wire armor shall consist of helically wrapped zinc coated steel wires wound concentrically over a jacketed cable core. The individual wires may be spliced, but there shall not be any loose cut or broken wire ends.

17.6.2 The size, number, and lay of the zinc coated steel wire should yield a minimum core coverage of 85%. The steel wire shall have a tensile strength of between 50,000 psi and 70,000 psi and a minimum elongation of 10%.

17.6.3 The zinc coating shall be continuous, remain adherent to the wire, and be free of scale or other imperfections.