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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: October 12, 2014

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

Addenda

BSR/ASHRAE/ASHE Addendum 170c-201x, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2013)

This proposed addendum updates the terminology requirements of the Standard for Laboratory Work Areas to align with FGI-2014 (reference 2.1-4.1.2) and clarifies minimum requirements.

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

Send comments (with copy to psa@ansi.org) to: Online Comment Database at <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 170d-201x, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2013)

This proposed addendum clarifies the requirements for certain exhaust discharges. Terminology for the Emergency Department public waiting area is made consistent within the Standard and with the FGI Guidelines (refer to paragraph 2.2-3.1.3.4 from the FGI-2014). Terminology for nuclear medicine hot lab is made consistent within the Standard and with the FGI Guidelines (refer to 2.2-3.6.6.16 paragraph from the 2014 draft, 2010 paragraph 2.2-3.6.3.3).

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

Send comments (with copy to psa@ansi.org) to: Online Comment Database at <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 170e-201x, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2013)

This proposed addendum clarifies that, for spaces with pressure relationship requirements in Table 7.1, Design Parameters, controls shall not be allowed that change the pressure relationship between positive and negative. This requirement was previously only applicable to All Rooms.

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

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

NSF (NSF International)

New Standard

BSR/NSF 375-201x (i1r2), Sustainability Assessment for Water Contact Products (new standard)

This sustainability standard covers products that contact drinking water, wastewater, and recreational water and their packaging. The document includes relevant criteria across the product(s) life cycle from raw material extraction through manufacturing, use, and end-of-life management. The Standard may be primarily used by water contact product(s) manufacturers interested in understanding the sustainability performance of their product(s).

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

Send comments (with copy to psa@ansi.org) to: Mindy Costello, (734) 827-6819, mcostello@nsf.org

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 430-201x, Standard for Safety for Waste Disposers (revision of ANSI/UL 430-2011)

(1) Proposed revision to Table 40.2, Physical Properties of Gaskets and Seals, to align after conditioning parameters with the requirements in the Standard for Gaskets and Seals, UL 157.

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

Send comments (with copy to psa@ansi.org) to: Beth Northcott, (847) 664-3198, Elizabeth.Northcott@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 507-201x, Standard for Safety for Electric Fans (revision of ANSI/UL 507-2014)

(8) Permanence of cord tag markings; (11) Capacitors.

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

Send comments (with copy to psa@ansi.org) to: Susan Malohn, (847) 664-1725, Susan.P.Malohn@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1569-201X, Standard for Safety for Metal-Clad Cables (Proposal dated 09-12-14) (revision of ANSI/UL 1569-2012)

This proposal includes revisions to include an optional binder jacket.

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

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

Comment Deadline: October 27, 2014

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

New Standard

BSR/AHRI Standard 1500-201x, Method to Determine Efficiency of Commercial Space Heating Boilers (new standard)

This Standard applies to gas and oil-fired steam and hot water packaged boilers with inputs equal to or greater than 300 MBh, that is: (a) A steam boiler designed to operate at or below a steam pressure of 15 psig; or (b) A hot-water boiler designed to operate at or below a water pressure of 160 psig and a temperature of 250°F; or (c) A boiler that is designed to be capable of supplying either steam or hot water, and designed to operate under the conditions in paragraphs (a) and (b) of this scope.

Single copy price: Free

Obtain an electronic copy from: dabbate@ahrinet.org

Order from: Daniel Abbate, (703) 600-0327, dabbate@ahrinet.org

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

ASC X9 (Accredited Standards Committee X9, Incorporated)**Revision**

BSR X9.100-160 Part 1-201x, Placement and Location of Magnetic Ink Printing (MICR) - Part 2: EPC Field Use (revision of ANSI X9.100-160 Part 1 -2009)

Part 1 of this standard covers only design considerations that apply to placement and location of magnetic ink printing on checks, drafts, and other documents intended for automated processing among depository institutions. Other types of documents such as internal control forms are not covered. A complete understanding of MICR printing requires reference to other standards and technical guidelines listed in Clause 2.

Single copy price: \$100.00

Obtain an electronic copy from: janet.busch@x9.org

Order from: Janet Busch, (410) 267-7707, janet.busch@x9.org

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

AWS (American Welding Society)**Revision**

BSR/AWS C1.5-201X, Specification for the Qualification of Resistance Welding Technicians (revision of ANSI/AWS C1.5-2008)

This specification establishes qualification requirements for a resistance welding technician (RWT). It describes how qualifications are determined, and the practice by which qualification may be attained and maintained. The user of this specification will evaluate the qualifications of each individual, and provide examinations to test the individual's resistance-welding skills and knowledge, as well as his or her ability to apply the principles of resistance welding.

Single copy price: \$25.00

Obtain an electronic copy from: eabrams@aws.org

Order from: Efram Abrams, (305) 443-9353 x307, eabrams@aws.org

Send comments (with copy to psa@ansi.org) to: Andrew Davis, (305) 443-9353, x466, adavis@aws.org

AWS (American Welding Society)**Revision**

BSR/AWS C1.4M/C1.4-201X, Specification for Resistance Welding of Carbon and Low-Alloy Steels (revision of ANSI/AWS C1.4M/C1.4-2009)

This specification establishes welding equipment requirements and welding procedures used to produce welds of acceptable quality in coated and uncoated carbon and low-alloy steels, including mild steels and high-strength low-alloy (HSLA) steels. Since this standard relies on a pulled button to validate the welding procedure, it may not apply to the welding of Advanced High-Strength Steels (AHSS) including: dual-phase (DP), transformation-induced plasticity (TRIP), complex-phase (CP) and martensitic steels (MART); or to Hot Stamped Steels (HSS).

Single copy price: \$25.00

Obtain an electronic copy from: eabrams@aws.org

Order from: Efram Abrams, (305) 443-9353 x307, eabrams@aws.org

Send comments (with copy to psa@ansi.org) to: Andrew Davis, (305) 443-9353, x466, adavis@aws.org

AWS (American Welding Society)**Revision**

BSR/AWS D17.3/D17.3M-201x, Specification for Friction Stir Welding of Aluminum Alloys for Aerospace Applications (revision of ANSI/AWS D17.3/D17.3M-2009)

This specification covers the general requirements for the friction stir welding of aluminum alloys for aerospace applications. It includes the requirements for weldment design, qualification of personnel and procedures, fabrication, and inspection.

Single copy price: \$36.00

Obtain an electronic copy from: jmolin@aws.org

Order from: Jennifer Molin, (305) 443-9353, jmolin@aws.org

Send comments (with copy to psa@ansi.org) to: Andrew Davis, (305) 443-9353, x466, adavis@aws.org

FM (FM Approvals)**New Standard**

BSR/FM 4920-201x, Testing Filters Used in Clean Room Facilities (new standard)

This test standard provides a procedure for evaluating Clean Room Filter ceiling assemblies which consists of the filter units, the grid suspension members, and the sealant or gasket materials for their performance in regard to fire.

Single copy price: Free

Obtain an electronic copy from: josephine.mahnken@fmapprovals.com

Order from: Josephine Mahnken, (781) 255-4813, josephine.mahnken@fmapprovals.com

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

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

BSR/ISA 96.03.02-201x, Guidelines for the Specification of Pneumatic Rack and Pinion Valve Actuators (new standard)

This standard provides general requirements for the development of specifications for pneumatic rack and pinion actuators. This document applies to actuators with a maximum allowable operating pressure (MAOP) up to 125 psig with a compressed gas (e.g., instrument air).

Single copy price: \$50.00

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

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

ITSDF (Industrial Truck Standards Development Foundation, Inc.)**Revision**

BSR/ITSDF B56.11.5-201X, Measurement of Sound Emitted by Low Lift, High Lift, and Rough Terrain Powered Industrial Trucks (revision of ANSI/ITSDF B56.11.5-2005 (R2013))

This Standard establishes the conditions, test procedures, environment, and instrumentation for the determination and reporting of the A-weighted sound pressure level of electric battery and internal combustion engine powered, low-lift, high-lift, and rough-terrain industrial trucks.

Single copy price: Free

Obtain an electronic copy from: itsdf@earthlink.net

Order from: Chris Merther, (202) 296-9880, itsdf@earthlink.net

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

NEMA (ASC C136) (National Electrical Manufacturers Association)**Revision**

BSR C136.2-201X, Standard for Roadway and Area Lighting Equipment - Dielectric Withstand and Electrical Transient Immunity Requirements (revision of ANSI C136.2-2004 (R2009))

This standard covers luminaires and control devices classified for 600-volt operation and intended for use in roadway and area lighting applications. This standard contains minimum performance requirements and test procedures for evaluating luminaire and control devices under test (DUTs) for the following: (a) Dielectric withstand and (b) Electrical transient immunity.

Single copy price: \$32.00

Obtain an electronic copy from: megan.hayes@nema.org

Order from: Megan Hayes, (703) 841-3285, megan.hayes@nema.org

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

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

BSR/ICEA S-73-532/NEMA WC 57-201x, Standard for Control, Thermocouple, Extension And Instrumentation Cable (revision of ANSI/ICEA S-73-532/NEMA WC 57-2004)

This standard applies to materials, construction, and testing of multi-conductor cables that convey electrical signals used for monitoring or controlling electrical power systems and their associated processes.

Single copy price: \$146.00

Obtain an electronic copy from: https://standards.nema.org/kws/groups/AN08-PCI-SC/download.php/11377/ICEA%20S-73-532_NEMA%20WC57%202014%20NEMA%20Comments%20Resolved%20Accepted.doc

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

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

NEMA (ASC C82) (National Electrical Manufacturers Association)**New Standard**

BSR C82.16-201x, Lighting Equipment - Light Emitting Diode Drivers - Methods of Measurement (new standard)

This is a new standard to set forth and describe procedures to be followed and precautions to be taken in measuring performance of LED Drivers.

Single copy price: \$125.00

Obtain an electronic copy from: Karen.Willis@nema.org

Order from: Karen Willis, (703) 841-3277, Karen.Willis@nema.org

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

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

BSR/SCTE 104-201x, Automation System to Compression System Communications Applications Program Interface (API) (revision of ANSI/SCTE 104-2013)

This standard defines the Communications API between an Automation System and the associated Compression System that will insert SCTE 35 private sections into the outgoing Transport Stream. This standard serves as a companion to both SCTE 35 and SCTE 30.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

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

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

BSR A108.1A-201x, Installation of Ceramic Tile in the Wet-Set Method, with Portland Cement Mortar (revision of ANSI A108.1A-2013)

This specification is intended to describe the requirements for installation of ceramic tile in the wet-set method.

Single copy price: \$15.00

Obtain an electronic copy from: www.tileusa.com

Order from: Tile Council of North America, www.tileusa.com

Send comments (with copy to psa@ansi.org) to: Katelyn Simpson, (864) 646-8453, KSimpson@tileusa.com

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

BSR A108.02-201x, General Requirements: Materials, Environmental, and Workmanship (revision of ANSI A108.02-2013)

This standard outlines the requirements for delivery, storage and handling of materials at the jobsite. Also included are requirements for the installer to inspect the site prior to installation of the tile and preparation of the floor, curing the mortar bed, etc. prior to installing tile. This is the section which contains the requirements for acceptable workmanship such as consistent width of grout joints, acceptable lippage, and the types of things that are under control of the installer.

Single copy price: \$15.00

Obtain an electronic copy from: www.tileusa.com

Order from: Tile Council of North America, www.tileusa.com

Send comments (with copy to psa@ansi.org) to: Katelyn Simpson, (864) 646-8453, KSimpson@tileusa.com

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

BSR A118.10-201x, Specifications for Load Bearing, Bonded, Waterproof Membranes for Thin-Set Ceramic Tile and Dimension Stone Installation (revision of ANSI A118.10-2008a)

This specification describes the test methods and minimum requirements for load-bearing, bonded, waterproof membranes, including fungus resistance, seam strength, breaking strength, waterproofness, etc. Several of the tests are long-term as in several other specifications; for example, the 110-day water-immersion shear strength test.

Single copy price: \$15.00

Obtain an electronic copy from: www.tileusa.com

Order from: Tile Council of North America, www.tileusa.com

Send comments (with copy to psa@ansi.org) to: Katelyn Simpson, (864) 646-8453, KSimpson@tileusa.com

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

BSR A118.12-201x, Specifications for Crack Isolation Membranes for Thin-Set Ceramic Tile and Dimension Stone Installation (revision of ANSI A118.12-2008a)

This specification describes the testing and physical properties required for a membrane to be classified as meeting A118.12. These membranes are designed to isolate the tile and stone from minor in-plane cracking in the substrate. This specification measures the membranes' ability to perform in this manner.

Single copy price: \$15.00

Obtain an electronic copy from: www.tileusa.com

Order from: Tile Council of North America, www.tileusa.com

Send comments (with copy to psa@ansi.org) to: Katelyn Simpson, (864) 646-8453, KSimpson@tileusa.com

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

BSR A118.13-201x, Specifications for Bonded Sound Reduction Membranes for Thin-Set Ceramic Tile Installation (revision of ANSI A118.13-2010)

Membranes covered by this specification are bonded to a variety of manufacturer-approved substrates covered by specifications. Products within the scope of this specification are applied below ceramic tiles by traditional methods and materials. This standard applies to trowel applied, liquid, and flexible sheet membranes.

Single copy price: \$15.00

Obtain an electronic copy from: www.tileusa.com

Order from: Tile Council of North America, www.tileusa.com

Send comments (with copy to psa@ansi.org) to: Katelyn Simpson, (864) 646-8453, KSimpson@tileusa.com

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

BSR/UL 3730-201x, Standard for Photovoltaic Junction Boxes (new standard)

The First Edition of the Standard for Photovoltaic Junction Boxes, UL 3730, covers photovoltaic junction boxes intended to be attached to photovoltaic modules and panels. In addition, these requirements cover photovoltaic junction boxes intended for factory and field wiring and may include conduit openings, wiring leads, and/or photovoltaic connectors intended for interconnection of PV modules. The products covered by these requirements are intended to be installed in accordance with the National Electrical Code, ANSI/NFPA 70.

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: Susan Malohn, (847) 664-1725, Susan.P.Malohn@ul.com

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

BSR/UL 482-2005 (R201x), Standard for Safety for Portable Sun/Heat Lamps (reaffirmation of ANSI/UL 482-2005 (R2009))

The following is being proposed: (1) Reaffirmation and continuance of the Ninth Edition of the Standard for Portable Sun/Heat Lamps, UL 482, 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: Heather Sakellariou, (847) 664-2346, Heather.Sakellariou@ul.com

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

BSR/UL 1655-2009a (R201x), Standard for Safety for Community-Antenna Television Cables (reaffirmation of ANSI/UL 1655-2009a)

This Standard states the construction, test, and marking requirements covering the safety of single and multiple coaxial and coaxial/optical-fiber cables for the distribution of radio-frequency signals such as employed in a community antenna television system, and for supplying low-energy power at a potential not exceeding 60 volts to equipment directly associated with the signal distribution.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

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

BSR/UL 2250-2009a (R201x), Standard for Safety for Instrumentation Tray Cable (reaffirmation of ANSI/UL 2250-2009a)

These requirements cover Type ITC instrumentation control cables consisting of two or more current-carrying copper or thermocouple alloy conductors with or without either or both: (a) Grounding conductor(s), bare or insulated, and (b) One or more optical-fiber members, all under an overall jacket. These electrical and composite electrical/optical-fiber cables are intended for use (optical and electrical functions associated in the case of a hybrid cable) on circuits rated 150 V or less and 5 A or less in accordance with Article 727 and other applicable parts of the National Electrical Code (NEC).

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

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

BSR/UL 60079-2-2010 (R201X), Standard for Safety for Explosive Atmospheres - Part 2: Equipment Protection by Pressurized Enclosures "p" (reaffirmation and redesignation of ANSI/ISA 60079-2 (12.04.01)-2010)

Reaffirmation and continuance of the Standard for Explosive Atmospheres - Part 2: Equipment Protection by Pressurized Enclosures "p".

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 61010-031-2010 (R201x), Standard for Safety for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 031: Safety Requirements for Hand-Held Probe Assemblies for Electrical Measurement and Test (reaffirmation of ANSI/UL 61010-031-2010)

Reaffirmation and Continuance of the First Edition of the Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 031: Safety Requirements for Hand-Held Probe Assemblies for Electrical Measurement and Test.

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 985-201x, Standard for Safety for Household Fire Warning System Units (revision of ANSI/UL 985-2003 (R2008))

These requirements cover household fire warning system control units intended to be installed in accordance with the National Fire Alarm Code, ANSI/NFPA 72, and the National Electrical Code, ANSI/NFPA 70. A household fire warning system control unit consists of a unit assembly of electrical parts having provision for connection of power supply and initiating device circuits. These requirements also apply to the use of combination systems, such as a combination fire-burglar alarm system control unit, which uses circuit wiring common to both 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: Anne Marie Jacobs, (919) 549-0954, annemarie.jacobs@ul.com

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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.

HL7 (Health Level Seven)

HL7 DAM TRAUMA, R1, HL7 Version 3 Domain Analysis Model: Trauma Registry Data Submission, Release 1 - US Realm (TECHNICAL REPORT) (technical report)

This domain analysis model (DAM) was created for the exchange of trauma registry information. The primary use case is the reporting of hospital trauma information to a trauma data repository.

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

Order from: Karen Van Hentenryck, (734) 677-7777 Ext 104, Karenvan@HL7.org

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

HL7 (Health Level Seven)

HL7 EHRS ERXFP, R1, HL7 EHR-System ePrescribing Functional Profile, Release 1 - US Realm (TECHNICAL REPORT) (technical report)

The purpose of this profile is to specify the functional requirements of electronic prescribing needed to support data exchange between prescribers, pharmacist and pharmacy providers, and other health care entities needing medication-related information.

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

Order from: Karen Van Hentenryck, (734) 677-7777 Ext 104, Karenvan@HL7.org

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

HL7 (Health Level Seven)

HL7 V3 DAM MDD, R1, HL7 Version 3 Domain Analysis Model: Major Depressive Disorder, Release 1 - US Realm (TECHNICAL REPORT) (technical report)

This is a synthesized set of data elements for Major Depressive Disorder, a prioritized disease area for data standardization within the U.S. Food and Drug Administration (FDA). The Domain Analysis Model, which is a set of common and reusable classes aligned with the Schizophrenia (DAM) that will support the need, the use case for regulatory submission or post-submission decision making and patient care.

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

Order from: Karen Van Hentenryck, (734) 677-7777 Ext 104, Karenvan@HL7.org

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

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:

SCTE (Society of Cable Telecommunications Engineers)

BSR/SCTE IPS SP 911-201x, Radio Frequency over Glass Enhancements (Gen 2) (new standard)

Call for Members (ANS Consensus Bodies)

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

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

Office: 2111 Wilson Boulevard
Suite 500
Arlington, VA 22201

Contact: Daniel Abbate

Phone: (703) 600-0327

Fax: (703) 562-1942

E-mail: dabbate@ahrinet.org

BSR/AHRI Standard 1500-201x, Method to Determine Efficiency of Commercial Space Heating Boilers (new standard)

Obtain an electronic copy from: dabbate@ahrinet.org

HFES (Human Factors & Ergonomics Society)

Office: P.O. Box 1369
Santa Monica, CA 90406-1369

Contact: Lynn Strother

Phone: (310) 394-1811

Fax: (310) 394-2410

E-mail: lynn@hfes.org; paul.s.reed@worldnet.att.net

BSR/HFES 200-201x, Human Factors Engineering of Software Interfaces (revision of ANSI/HFES 200-2008)

ISA (International Society of Automation)

Office: PO Box 12277, 67 Alexander Drive
Research Triangle Park, NC 27709

Contact: Eliana Brazda

Phone: (919) 990-9228

Fax: (919) 549-8288

E-mail: ebrazda@isa.org

BSR/ISA 96.03.02-201x, Guidelines for the Specification of Pneumatic Rack and Pinion Valve Actuators (new standard)

LIA (ASC Z136) (Laser Institute of America)

Office: 13501 Ingenuity Drive
Suite 128
Orlando, FL 32826

Contact: Barbara Sams

Phone: (407) 380-1553

Fax: (407) 380-5588

E-mail: bsams@lia.org

BSR Z136.9-201x, Standard for Safe Use of Lasers in Manufacturing Environments (revision of ANSI Z136.9-2013)

NEMA (ASC C136) (National Electrical Manufacturers Association)

Office: 1300 North 17th Street
Suite 1752
Rosslyn, VA 22209

Contact: Megan Hayes

Phone: (703) 841-3285

Fax: (703) 841-3385

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BSR C136.2-201X, Standard for Roadway and Area Lighting Equipment - Dielectric Withstand and Electrical Transient Immunity Requirements (revision of ANSI C136.2-2004 (R2009))

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NEMA (ASC C82) (National Electrical Manufacturers Association)

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BSR C82.16-201x, Lighting Equipment - Light Emitting Diode Drivers - Methods of Measurement (new standard)

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TAPPI (Technical Association of the Pulp and Paper Industry)

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BSR/TAPPI T 555 om-201x, Roughness of paper and paperboard (Print-surf method) (new standard)

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.

3-A (3-A Sanitary Standards, Inc.)

New Standard

ANSI 00-00-2014, General Requirements (new standard): 9/8/2014

ABMA (ASC B3) (American Bearing Manufacturers Association)

New National Adoption

ANSI/ABMA/ISO 3290-2-2014, Rolling bearings - Balls - Part 2: Ceramic balls (identical national adoption of ISO 3290-2:2008): 9/5/2014

ADA (American Dental Association)

Reaffirmation

- * ANSI/ADA Standard No. 120-2009 (R2014), Powered Toothbrushes (reaffirmation of ANSI/ADA Specification No. 120-2009): 9/8/2014
- ANSI/ADA Standard No. 17-1983 (R2014), Denture Base Temporary Relining Resins (reaffirmation of ANSI/ADA 17-1983 (R2006)): 9/8/2014
- ANSI/ADA Standard No. 33-2003 (R2014), Dental Products Standards Development Vocabulary (reaffirmation of ANSI/ADA 33-2003): 9/8/2014
- ANSI/ADA Standard No. 46-2004 (R2014), Dental Patient Chair (reaffirmation of ANSI/ADA 46-2004): 9/8/2014
- ANSI/ADA Standard No. 54-1986 (R2014), Double-Pointed, Parenteral, Single Use Needles for Dentistry (reaffirmation of ANSI/ADA 54-1986 (R2009)): 9/8/2014
- ANSI/ADA Standard No. 75-1997 (R2014), Resilient Lining Materials for Removable Dentures - Part 1: Short-Term Materials (reaffirmation of ANSI/ADA 75-1997 (R2003)): 9/8/2014
- ANSI/ADA Standard No. 87-1995 (R2014), Dental Impression Trays (reaffirmation of ANSI/ADA 87-1995 (R2003)): 9/8/2014
- ANSI/ADA Standard No. 94-1996 (R2014), Dental Compressed Air Quality (reaffirmation of ANSI/ADA 94-1996 (R2003)): 9/8/2014

ANS (American Nuclear Society)

New Standard

ANSI/ANS 58.16-2014, Safety Categorization and Design Criteria for Non-Reactor Nuclear Facilities (new standard): 9/4/2014

ASME (American Society of Mechanical Engineers)

Revision

ANSI/ASME B30.5-2014, Mobile and Locomotive Cranes (revision of ANSI/ASME B30.5-2011): 9/5/2014

ASQ (ASC Z1) (American Society for Quality)

New National Adoption

ANSI/ASQ/ISO 14006-2014, Environmental management systems - Guidelines for incorporating ecodesign (identical national adoption of ISO 14006:2011): 9/8/2014

ASTM (ASTM International)

Reaffirmation

- ANSI/ASTM D2680-2001 (R2014), Specification for Acrylonitrile-Butadiene-Styrene (ABS) and Poly(Vinyl Chloride) (PVC) Composite Sewer Piping (reaffirmation of ANSI/ASTM D2680-2001 (R2009)): 8/19/2014
- ANSI/ASTM F481-1996 (R2014), Practice for Installation of Thermoplastic Pipe and Corrugated Pipe in Septic Tank Leach Fields (reaffirmation of ANSI/ASTM F481-1996 (R2008)): 8/19/2014
- ANSI/ASTM F794-2003 (R2014), Specification for Poly(Vinyl Chloride) (PVC) Profile Gravity Sewer Pipe and Fittings Based on Controlled Inside Diameter (reaffirmation of ANSI/ASTM F794-2003 (R2009)): 8/19/2014
- ANSI/ASTM F2818-2010 (R2014), Specification for Specification for Crosslinked Polyethylene (PEX) Material Gas Pressure Pipe and Tubing (reaffirmation of ANSI/ASTM F2818-2010): 8/19/2014

Revision

- ANSI/ASTM D910-2014, Specification for Aviation Gasolines (revision of ANSI/ASTM D910-2013a): 9/1/2014
- ANSI/ASTM D2321-2014, Practice for Underground Installation of Thermoplastic Pipe for Sewers and Other Gravity-Flow Applications (revision of ANSI/ASTM D2321-2011): 8/19/2014
- ANSI/ASTM D2925-2014, Test Method for Beam Deflection of Fiberglass (Glass-Fiber-Reinforced Thermosetting Resin) Pipe Under Full Bore Flow (revision of ANSI/ASTM D2925-2001 (R2007)): 8/19/2014
- ANSI/ASTM D3034-2014, Specification for Type PSM Poly(Vinyl Chloride) (PVC) Sewer Pipe and Fittings (revision of ANSI/ASTM D3034-2014): 8/19/2014
- ANSI/ASTM D3035-2014, Specification for Polyethylene (PE) Plastic Pipe (DR-PR) Based on Controlled Outside Diameter (revision of ANSI/ASTM D3035-2014): 8/19/2014
- ANSI/ASTM D3678-2014, Specification for Rigid Poly(Vinyl Chloride) (PVC) Interior-Profile Extrusions (revision of ANSI/ASTM D3678-2001 (R2008)): 8/19/2014
- ANSI/ASTM E2693-2014, Practice for Prevention of Dermatitis in the Wet Metal Removal Fluid Environment (revision of ANSI/ASTM E2693-2009): 9/1/2014
- ANSI/ASTM F1807-2014, Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F1807-2013): 8/19/2014
- ANSI/ASTM F1960-2014, Specification for Cold Expansion Fittings with PEX Reinforcing Rings for Use with Cross-linked Polyethylene (PEX) Tubing (revision of ANSI/ASTM F1960-2012): 8/19/2014
- ANSI/ASTM F2159-2014, Specification for Plastic Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F2159-2011): 8/19/2014
- ANSI/ASTM F2263-2014, Test Method for Evaluating the Oxidative Resistance of Polyethylene (PE) Pipe to Chlorinated Water (revision of ANSI/ASTM F2263-2007 (R2011)): 8/19/2014

ANSI/ASTM F2434-2014, Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-linked Polyethylene (PEX) Tubing and SDR9 Cross-linked Polyethylene/Aluminum/Cross-linked Polyethylene (PEX-AL-PEX) Tubing (revision of ANSI/ASTM F2434-2009): 8/19/2014

ANSI/ASTM F2649-2014, Specification for Corrugated High Density Polyethylene (HDPE) Grease Interceptor Tanks (revision of ANSI/ASTM F2649-2008): 9/1/2014

ANSI/ASTM F3034-2014, Specification for Billets made by Winding Molten Extruded Stress-Rated High Density Polyethylene (HDPE) (revision of ANSI/ASTM F3034-2013): 8/19/2014

Withdrawal

ANSI/ASTM D3460-2007, Specification for White Watermarked and Unwatermarked Bond, Reprographic, and Laser Printer Cut-Sized Office Papers (withdrawal of ANSI/ASTM D3460-2007): 8/19/2014

AWS (American Welding Society)

New Standard

ANSI/AWS B1.11M/B1.11-2014, Guide for the Visual Examination of Welds (new standard): 9/8/2014

AWWA (American Water Works Association)

Revision

ANSI/AWWA C906-2014, Polyethylene (PE) Pressure Pipe and Fittings, 4 in. through 65 in. (100 mm through 1,600 mm), for Waterworks (revision of ANSI/AWWA C906-2007): 9/3/2014

CGA (Compressed Gas Association)

New Standard

ANSI/CGA H-5-2014, Standard for Bulk Hydrogen Supply Systems (new standard): 9/8/2014

CSA (CSA Group)

Reaffirmation

- * ANSI Z21.15-2009 (R2014), ANSI Z21.15a-2012 (R2014), ANSI Z21.15b-2013 (R2014), Standard for Manually Operated Gas Valves for Appliances, Appliance Connector Valves and Hose End Valves (same as CSA 9.1-2009) (reaffirmation of ANSI Z21.15-2009, ANSI Z21.15a-2012, and ANSI Z21.15b-2013): 9/8/2014

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

Revision

- * ANSI/IAPMO Z1001-2014, Prefabricated Gravity Grease Interceptors (revision of ANSI/IAPMO Z1001-2013): 9/8/2014

ISA (International Society of Automation)

New Standard

ANSI/ISA 12.02.02-2014, Recommendations for the Preparation, Content, and Organization of Intrinsic Safety Control Drawings (new standard): 9/8/2014

ANSI/ISA 92.00.04-2014, Performance Requirements for Open Path Toxic Gas Detectors (new standard): 9/8/2014

NSF (NSF International)

Revision

- * ANSI/NSF 60-2014 (i63), Drinking Water Treatment Chemicals - Health Effects (revision of ANSI/NSF 60-2013): 9/2/2014

SCTE (Society of Cable Telecommunications Engineers)

New Standard

ANSI/SCTE 203-2014, Product Environmental Requirements for Cable Telecommunications Facilities - Test Methods (new standard): 9/8/2014

Revision

ANSI/SCTE 05-2014, Test Method for "F" Connector Return Loss In-Line Pair (revision of ANSI/SCTE 05-2008): 9/8/2014

ANSI/SCTE 130-2 2014, Digital Program Insertion-Advertising Systems Interfaces - Part 2: Core Data Elements (revision of ANSI/SCTE 130-2-2008): 9/8/2014

SIA (Security Industry Association)

Revision

ANSI/SIA CP-01-2014, Control Panel Standard - Features for False Alarm Reduction (revision of ANSI/SIA CP-01-2010): 9/8/2014

UL (Underwriters Laboratories, Inc.)

New Standard

ANSI/UL 6703-2014, Standard for Safety for Connectors for Use in Photovoltaic Systems (new standard): 8/28/2014

ANSI/UL 6703-2014a, Standard for Safety for Connectors for Use in Photovoltaic Systems (new standard): 8/28/2014

Reaffirmation

ANSI/UL 1659-2005 (R2014), Standard for Safety for Attachment Plug Blades for Use in Cord Sets and Power-Supply Cords (reaffirmation of ANSI/UL 1659-2005 (R2009)): 8/29/2014

ANSI/UL 120002-2009 (R2014), Certificate Standard for AEx Equipment for Hazardous (Classified) Locations (Proposal dated 06-27-14) (reaffirmation and redesignation of ANSI/ISA 12.00.02-2009): 8/29/2014

ANSI/UL 122001-2009 (R2014), General Requirements for Electrical Ignition Systems for Internal Combustion Engines in Class I, Division 2 or Zone 2, Hazardous (Classified) Locations (Proposal dated 06-27-14) (reaffirmation and redesignation of ANSI/ISA 12.20.01-2009): 8/29/2014

Revision

ANSI/UL 558-2014, Standard for Safety for Industrial Trucks, Internal Combustion Engine-Powered (revision of ANSI/UL 558-2014): 9/2/2014

Correction

Incorrect Approval Date

ANSI/UL 5B-2014

In the Final Action section of the August 8, 2014 issue of Standards Action, the approval date of ANSI/UL 5B-2014 was incorrectly listed as August 1, 2014. The correct approval date is July 30, 2014.

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.

ASABE (American Society of Agricultural and Biological Engineers)

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BSR/ASABE AD730:2009 W/Amd. 1-201x, Agricultural wheeled tractors - Rear-mounted three-point linkage - Categories 1N, 1, 2N, 2, 3N, 3, 4N and 4 (national adoption of ISO 730:2009 and ISO 730:2009/Amd.1:2014 with modifications and revision of ANSI/ASABE AD730-2013)

Stakeholders: All manufacturers of tractors and implements that utilize rear-mounted three-point hitch linkage.

Project Need: Nationally adopt the most current version of the ISO standard and amendment to ensure international harmonization.

Specifies the dimensions and requirements of the three-point linkage for the attachment of implements or equipment to the rear of agricultural wheeled tractors.

BSR/ASABE S629 MONYEAR-201x, Framework for Sustainable Agriculture (new standard)

Stakeholders: Entire agricultural industry.

Project Need: A Standard is needed to establish the framework and procedures for developing certification programs for sustainable agricultural production. Framework needed constitutes minimum criteria for developing and implementing a certification program for sustainable agriculture in North America.

Establishes framework and procedures for developing programs to chart progress towards sustainable agricultural production. This framework constitutes the minimum criteria for developing and implementing a program for sustainable agriculture in North America. This sustainability framework will improve key performance indicators across agricultural production systems. Elements of framework are critical for uniform, effective, and legitimate implementation of sustainability initiatives across the complex, diverse, and multifaceted landscape of agriculture in North America. Provides guidance on the goal and scope, process for implementing, and the necessary components for each element.

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BSR/ASME PTC 1-201x, Performance Test Codes - General Instructions (revision of ANSI/ASME PTC 1-2011)

Stakeholders: All users of the Performance Test Codes.

Project Need: To revise certain provisions to meet the new needs of the equipment PTCs.

This document provides direction to users and code-writing committees of Performance Test Codes (PTCs). Code users shall consider it as part of each test. PTC 1 provides instructions to define the purpose and scope of ASME PTCs, to list major industry applications where PTCs can be used, and to provide direction on the use of equipment PTCs concerning the planning, preparation, implementation, and reporting of test results.

BSR/ASME RT-1-201x, Safety Standard for Structural Requirements for Light Rail Vehicles (revision of ANSI/ASME RT-1-2009)

Stakeholders: Light rail and streetcar vehicle manufacturers, purchaser/owner/operators, consultants, general interest, employees/union interest, regulatory/trade association.

Project Need: To provide revisions to the structural and crashworthiness analysis requirements for light rail vehicles and streetcars.

This Standard applies to carbodies for newly constructed light rail vehicles for transit passenger service in North America. The Standard defines requirements for the incorporation of passive safety design concepts related to the performance of the carbody of light rail vehicles in collisions, so as to enhance passenger safety and limit and control damage. This Standard does not cover heavy rail transit vehicles; automated people movers; and freight, commuter, high-speed, or any other rail vehicles under the jurisdiction of the Federal Railroad Administration.

AWWA (American Water Works Association)

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BSR/AWWA B130-201x, Membrane Bioreactor Systems (revision of ANSI/AWWA B130-2013)

Stakeholders: Drinking water treatment and supply industry, water and wastewater utilities, consulting engineers, water treatment equipment manufacturers.

Project Need: The purpose of this standard is to provide a minimum set of requirements for submerged and sidestream-type MBR systems used for water reclamation and/or wastewater treatment systems. This standard is intended to assist with the design, procurement, installation, and commissioning of MBR systems.

This standard sets minimum requirements for membrane bioreactor (MBR) systems for water reclamation and/or wastewater treatment systems.

BSR/AWWA B201-201x, Soda Ash (revision of ANSI/AWWA B201-2013)

Stakeholders: Drinking water treatment and supply industry, water and wastewater utilities, consulting engineers, water treatment equipment manufacturers.

Project Need: The purpose of this standard is to provide the minimum requirements for soda ash, including physical, chemical, sampling, testing, packaging, and shipping requirements.

This standard describes soda ash for use in the treatment of potable water, wastewater, or reclaimed water.

BSR/AWWA B202-201x, Quicklime and Hydrated Lime (revision of ANSI/AWWA B202-2013)

Stakeholders: Drinking water treatment and supply industry, water and wastewater utilities, consulting engineers, water treatment equipment manufacturers.

Project Need: The purpose of this standard is to provide the minimum requirements for quicklime and hydrated lime, including physical, chemical, sampling, packaging, shipping, and testing requirements.

This standard describes pebble, lump, and ground quicklime and hydrated lime for use in the treatment of potable water, wastewater, or reclaimed water supply service.

BSR/AWWA B304-201x, Liquid Oxygen for Ozone Generation for Water, Wastewater, and Reclaimed Water Systems (revision of ANSI/AWWA B304-2013)

Stakeholders: Drinking water treatment and supply industry, water and wastewater utilities, consulting engineers, water treatment equipment manufacturers.

Project Need: The purpose of this standard is to provide the minimum requirements for liquid oxygen (LOX) intended for water, wastewater, and reclaimed water systems. This standard includes physical, chemical, packaging, shipping, sampling, and testing requirements.

This standard describes liquid oxygen (LOX) for use in the treatment of potable water, wastewater, or reclaimed water.

BSR/AWWA B453-201x, Polyacrylamide (revision of ANSI/AWWA B453-2013)

Stakeholders: Drinking water treatment and supply industry, water and wastewater utilities, consulting engineers, water treatment equipment manufacturers.

Project Need: The purpose of this standard is to provide the minimum requirements for polyacrylamide (PAM) products, including physical, chemical, packaging, shipping, and testing requirements and to provide the means of developing requirements for PAM products.

This standard describes polyacrylamide (PAM) for use in the treatment of potable water, wastewater, and reclaimed water.

BSR/AWWA B501-201x, Sodium Hydroxide (Caustic Soda) (revision of ANSI/AWWA B501-2013)

Stakeholders: Drinking water treatment and supply industry, water and wastewater utilities, consulting engineers, water treatment equipment manufacturers.

Project Need: The purpose of this standard is to provide the minimum requirements for sodium hydroxide, including physical, chemical, sampling, testing, packaging, and shipping requirements.

This standard describes sodium hydroxide, anhydrous and liquid, for use in the treatment of potable water, wastewater, or reclaimed water.

BSR/AWWA B506-201x, Zinc Orthophosphate (revision of ANSI/AWWA B506-2013)

Stakeholders: Drinking water treatment and supply industry, water and wastewater utilities, consulting engineers, water treatment equipment manufacturers.

Project Need: The purpose of this standard is to provide the minimum requirements for zinc orthophosphate (ZOP), including physical, chemical, sampling, packaging, shipping, and testing requirements.

This standard describes zinc orthophosphate (ZOP) corrosion inhibitor in dry and liquid forms for use in the treatment of potable water, wastewater, or reclaimed water.

BSR/AWWA B605-201x, Reactivation of Granular Activated Carbon (revision of ANSI/AWWA B605-2013)

Stakeholders: Drinking water treatment and supply industry, water and wastewater utilities, consulting engineers, water treatment equipment manufacturers.

Project Need: The purpose of this standard is to provide guidelines for use in preparing purchase documents for the procurement of granular activated carbon (GAC) reactivation services where GAC is used as an adsorptive medium to produce potable water.

This standard describes the procurement of granular activated carbon (GAC) reactivation services and the use of reactivated GAC for water treatment. This standard does not cover the design of activated carbon handling facilities, reactivation facilities, or adsorption processes. Background information on GAC reactivation can be found in references listed in the bibliography to this standard (Appendix A).

BSR/AWWA C207-201x, Steel Pipe Flanges for Waterworks Service, Sizes 4 In. Through 144 In. (100 mm Through 3,600 mm) (revision of ANSI/AWWA C207-2013)

Stakeholders: Drinking water treatment and supply industry, water and wastewater utilities, consulting engineers, water treatment equipment manufacturers.

Project Need: The purpose of this standard is to provide minimum material requirements and dimensions for a variety of steel flanges for attachment to steel water pipe and fittings.

This standard describes ring-type slip-on flanges and blind flanges. The flange pressure limits and the tables that describe them are (1) Ring-type, slip-on flanges (see Tables 2, 3, and 4) and (2) Blind flanges (see Table 5). Unless otherwise specified by the purchaser, the manufacturer shall select the type to be used.

BSR/AWWA C209-201x, Cold-Applied Tape Coatings for Steel Water Pipe, Special Sections, Connections, and Fittings (revision of ANSI/AWWA C209-2013)

Stakeholders: Drinking water treatment and supply industry, water and wastewater utilities, consulting engineers, water treatment equipment manufacturers.

Project Need: The purpose of this standard is to provide minimum material requirements and dimensions for a variety of steel flanges for attachment to steel water pipe and fittings.

This standard describes protective exterior coatings that consist of cold-applied liquid adhesives and prefabricated tapes and their applications to special sections, connections, and fittings to be used for underground and underwater steel water pipelines protected with organic coating, such as those described in ANSI/AWWA C203, ANSI/AWWA C210, ANSI/AWWA C213, ANSI/AWWA C214, ANSI/AWWA C215, and ANSI/AWWA C216.

BSR/AWWA C226-201x, Stainless-Steel Fittings for Waterworks Service, Sizes 1/2 In. Through 72 In. (13 mm Through 1,800 mm) (revision of ANSI/AWWA C226-2013)

Stakeholders: Drinking water treatment and supply industry, water and wastewater utilities, consulting engineers, water treatment equipment manufacturers.

Project Need: The purpose of this standard is to provide minimum requirements for stainless-steel fittings, including materials, manufacturing, testing, inspection, and marking requirements.

This standard pertains to the various classes and types of stainless-steel fittings that are intended for the transmission and distribution of potable water, reclaimed water, and wastewater, and for use in other water-supply system facilities.

BSR/AWWA C518-201x, Dual-Disc Swing-Check Valves for Waterworks Service (revision of ANSI/AWWA C518-2013)

Stakeholders: Drinking water treatment and supply industry, water and wastewater utilities, consulting engineers, water treatment equipment manufacturers.

Project Need: The purpose of this standard is to provide the minimum requirements for dual-disc swing-check valves, suitable for waterworks service, 2-in. through 48-in. (50-mm through 1,200-mm) NPS, including materials and testing.

This standard establishes minimum requirements for dual-disc swing-check valves, 2-in. (50-mm) through 48-in. (1,200-mm) NPS for clean water having a pH range from 6 to 10 and a temperature range of 33 degrees-125 degrees F (0.6 degrees-52 degrees C).

BSR/AWWA C550-201x, Protective Interior Coatings for Valves and Hydrants (revision of ANSI/AWWA C550-2013)

Stakeholders: Drinking water treatment and supply industry, water and wastewater utilities, consulting engineers, water treatment equipment manufacturers.

Project Need: The purpose of this standard is to provide the minimum requirements for protective interior coatings for valves and hydrants, including materials, coating process, testing, and repair.

This standard describes protective interior coatings for valves used for water supply, wastewater collection and treatment, and reclaimed water service having a pH range from 4 to 9; and for hydrants used for water supply service. The standard describes the material, application, and performance requirements for these interior coatings. The coating shall not contain coal tar. These coatings are applied for protection of ferrous surfaces of valves and hydrants.

BSR/AWWA C605-201x, Underground Installation of Polyvinyl Chloride (PVC) and Molecularly Oriented Polyvinyl Chloride (PVCO) Pressure Pipe and Fittings (revision of ANSI/AWWA C605-2013)

Stakeholders: Drinking water treatment and supply industry, water and wastewater utilities, consulting engineers, water treatment equipment manufacturers.

Project Need: The purpose of this standard is to provide the minimum requirements for underground installation and hydrostatic testing procedures for PVC or PVCO pressure pipe and fittings used to transport potable water, reclaimed water, irrigation water, or wastewater, or for the conveyance of any fluid compatible with PVC or PVCO.

This standard describes underground installation and hydrostatic testing procedures for polyvinyl chloride (PVC) or molecularly oriented polyvinyl chloride (PVCO) pressure pipe and fittings that comply with either ANSI/AWWA C900, ANSI/AWWA C905, ANSI/AWWA C907, or ANSI/AWWA C909. These plastic components are installed in piping systems that may contain components made from other materials.

BSR/AWWA C653-201x, Disinfection of Water Treatment Plants (revision of ANSI/AWWA C653-2013)

Stakeholders: Drinking water treatment and supply industry, water and wastewater utilities, consulting engineers, water treatment equipment manufacturers.

Project Need: The purpose of this standard is to provide the minimum requirements for the disinfection of water treatment plants, including facility preparation, application of chlorine to the interior surfaces of water treatment units, and sampling and testing for the presence of total coliform bacteria.

This standard describes chlorination materials, procedures, and requirements for disinfection of new treatment facilities and existing water treatment facilities temporarily taken out of service for cleaning, inspection, maintenance, painting, repair, or any other activity or event that might lead to contamination of water.

BSR/AWWA C654-201x, Disinfection of Wells (revision of ANSI/AWWA C654-2013)

Stakeholders: Drinking water treatment and supply industry, water and wastewater utilities, consulting engineers, water treatment equipment manufacturers.

Project Need: The purpose of this standard is to establish the minimum requirements for the disinfection of wells for potable water service, including procedures for disinfection and bacteriological testing.

This standard describes the procedures for disinfection and bacteriological testing of wells for potable water service following construction, servicing, maintenance, or any other activity or event that might lead to contamination of the water. The chlorination procedures provided in this standard are for the gravel pack, well casing, pump, and appurtenant piping and are presented in the sequence in which they generally would be implemented.

BSR/AWWA C714-201x, Cold-Water Meters for Residential Fire Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes (revision of ANSI/AWWA C714-2013)

Stakeholders: Drinking water treatment and supply industry, water and wastewater utilities, consulting engineers, water treatment equipment manufacturers.

Project Need: The purpose of this standard is to provide the minimum requirements for cold-water meters for residential fire-sprinkler applications that meet the requirements of NFPA 13D in single- and two-family dwellings and manufactured homes, in sizes 3/4 in. (20 mm) through 2 in. (50 mm), including materials and design.

This standard describes cold-water meters used for residential fire-sprinkler applications that meet the requirements of NFPA 13D in single- and two-family dwellings and manufactured homes, in sizes 3/4 in. (20 mm) through 2 in. (50 mm), and the materials and workmanship employed in their fabrication.

BSR/AWWA C950-201x, Fiberglass Pressure Pipe (revision of ANSI/AWWA C950-2013)

Stakeholders: Drinking water treatment and supply industry, water and wastewater utilities, consulting engineers, water treatment equipment manufacturers.

Project Need: The purpose of this standard is to provide the minimum requirements for fiberglass pressure pipe, including design, fabrication, and testing requirements.

This standard describes the fabrication and the testing of nominal 1-in. through 156-in. (25-mm through 4,000-mm) fiberglass pipe and joining systems for use in both aboveground and belowground water systems. Service and distribution piping systems and transmission piping systems are included.

BSR/AWWA C104/A21.4-201x, Cement-Mortar Lining for Ductile-Iron Pipe and Fittings (revision of ANSI/AWWA C104/A21.4-2013)

Stakeholders: Drinking water treatment and supply industry, water and wastewater utilities, consulting engineers, water treatment equipment manufacturers.

Project Need: The purpose of this standard is to provide the minimum requirement for shop-applied, cement-mortar linings for ductile-iron pipe and ductile-iron and gray-iron fittings for potable water, raw water, wastewater, and reclaimed water systems, including requirements for cement, sand, water, and mortar; surface of pipe and fittings for lining; method and thickness of lining; and curing.

This standard describes shop-applied, cement-mortar linings specified in ANSI/AWWA C100/A21 series of standards for ductile-iron pipe and ductile-iron and gray-iron fittings for potable, raw water, wastewater, and reclaimed water systems and is intended to be used as a supplement to those standards.

BSR/AWWA D102-201x, Coating Steel Water-Storage Tanks (revision of ANSI/AWWA D102-2014)

Stakeholders: Drinking water treatment and supply industry, water and wastewater utilities, consulting engineers, water treatment equipment manufacturers.

Project Need: The purpose of this standard is to provide the minimum requirements for coating steel water-storage tanks, including materials, coating systems, surface preparation, application, and inspection and testing.

This standard describes coating systems for coating and recoating the inside and outside surfaces of steel tanks used for potable water storage in water supply service. Coating systems for new bolted steel tanks are not described in this standard (see ANSI/AWWA D103).

BSR/AWWA D110-201x, Wire- and Strand-Wound, Circular, Prestressed Concrete Water Tanks (revision of ANSI/AWWA D110-2013)

Stakeholders: Drinking water treatment and supply industry, water and wastewater utilities, consulting engineers, water treatment equipment manufacturers.

Project Need: The intent of this standard is to describe current recommended practice for the design, construction, inspection, and maintenance of wire- and strand-wound, circular, prestressed concrete water-containing structures with four types of core walls.

This standard applies to containment structures for use with potable water or raw water of normal temperature and pH commonly found in drinking water supplies. It is not intended for use in the design on containment structures for high-aggressive waters or high-temperature waters without special consideration begin given to their effects on the structure; nor is it intended that it be used for the design of structures for wastewater, bulk dry storage, chemical storage, or storage of slurries.

BSR/AWWA F101-201x, Contact-Molded, Fiberglass-Reinforced Plastic Wash-Water Troughs and Launderers (revision of ANSI/AWWA F101-2013)

Stakeholders: Drinking water treatment and supply industry, water and wastewater utilities, consulting engineers, water treatment equipment manufacturers.

Project Need: The purpose of this standard is to provide the minimum requirements for contact-molded, fiberglass-reinforced plastic wash-water troughs and launderers, including laminate construction and design, chemical and physical requirements, verification, and delivery.

This standard is to provide the minimum requirements for fiberglass-reinforced plastic wash-water troughs and launderers made by the contact-molding process, including flat-bottom, round-bottom, and V-bottom troughs and launderers.

BSR/AWWA F102-201x, Matched-Die-Molded, Fiberglass-Reinforced Plastic Weir Plates, Scum Baffles, and Mounting Brackets (revision of ANSI/AWWA F102-2013)

Stakeholders: Drinking water treatment and supply industry, water and wastewater utilities, consulting engineers, water treatment equipment manufacturers.

Project Need: The purpose of this standard is to provide the minimum requirements for matched-die-molded, fiberglass-reinforced plastic weir plates, scum baffles, and mounting brackets, including materials, design, chemical and physical requirements, verification, and delivery.

This standard describes the minimum requirements for fiberglass-reinforced plastic weir plates, scum baffles, mounting brackets, lap plates, cover washers, and weir pans, fabricated with the matched-die molding process. Included are requirements for design, construction, dimensions, tolerances, physical properties, work quality, appearance, and installation.

BSR/AWWA G480-201x, Water Conservation Program Operation and Management (revision of ANSI/AWWA G480-2013)

Stakeholders: Drinking water treatment and supply industry, water and wastewater utilities, consulting engineers, water treatment equipment manufacturers.

Project Need: The purpose of this standard is to establish criteria for the establishment of a formal utility water conservation program.

This standard describes the critical elements of an effective water conservation program. It encompasses activities undertaken by a utility within its own operations to improve water use on the supply side through distribution system management and on the demand side through customer billing and education practices. A conservation program meeting this standard has the potential to impact all water users.

BSR/AWWA G510-201x, Wastewater Treatment Plant Operation and Management (revision of ANSI/AWWA G510-2013)

Stakeholders: Drinking water treatment and supply industry, water and wastewater utilities, consulting engineers, water treatment equipment manufacturers.

Project Need: The purpose of this standard is to define the minimum requirements for the effective operation and management of wastewater treatment plants, including water quality, system management programs, and operation and maintenance of facilities.

This standard describes the essential or critical requirements for the effective operation and management of a wastewater treatment plant.

BSR/AWWA J100-201x, Risk and Resilience Management of Water and Wastewater Systems (revision of ANSI/AWWA J100-2010 (R2013))

Stakeholders: Drinking water treatment and supply industry, water and wastewater utilities, consulting engineers, water treatment equipment manufacturers.

Project Need: The purpose of this standard is to define a methodology that enables asset owners to perform analysis of their risks and risk-reduction options relative to specific malevolent attacks.

This standard sets the requirements for all-hazards risk and resilience analysis and management for the water sector and prescribes methods that can be used for addressing these requirements. The standard documents a process for identifying vulnerabilities to man-made threats, natural hazards, and dependencies and proximity to hazardous sites and provides methods to evaluate the options for improving these weaknesses in water and wastewater utilities.

HFES (Human Factors & Ergonomics Society)

Office: P.O. Box 1369
Santa Monica, CA 90406-1369

Contact: Lynn Strother

Fax: (310) 394-2410

E-mail: lynn@hfes.org; paul.s.reed@worldnet.att.net

BSR/HFES 200-201x, Human Factors Engineering of Software Interfaces (revision of ANSI/HFES 200-2008)

Stakeholders: Producers, end-users, and procurers of software that includes user interface functions.

Project Need: Computers with software user interfaces have become pervasive in modern society, and users need to have consistent user interface functions provided that support: 1) ease of learning, 2) ease of use, 3) user satisfaction, and 4) accessibility for users with disabilities. The design specifications will support the ease of learning, ease of use, and user satisfaction of interactive computer systems. The scope of the proposed standard includes: software usability and terminology, menu layouts, command syntax, graphical user interfaces, effective use of color, voice input/output, and considerations for people with disabilities. Human Factors Engineering of software interfaces for personal, business, and educational use. Applies to home and mobile computing and to interactive voice response applications.

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 V3 CPM CMET, R2-201x, HL7 Version 3 Standard: Common Product Model CMETs, Release 2 (revision and redesignation of ANSI/HL7 V3 CPM CMET, R1-2014)

Stakeholders: Regulatory agencies, pharmaceutical SDOs.

Project Need: The stakeholders, NCPDP and US/FDA as well as EU/EMA and the implementer of the SPL working group, are requiring support for the new use cases being considered and plan to implement the resulting standard still within the same year (2014).

The Common Product Model provides a single representation for product data to enable consistent inclusion of product information in HL7 V3 models. In this context, a product is defined as "any material item or substance that can be offered to a market that might satisfy a want or need. However, items produced and consumed at home are also included."

BSR/HL7 V3 SPL, R6-201x, HL7 Version 3 Standard: Structured Product Labeling, Releases 6 (revision and redesignation of ANSI/HL7 V3 SPL, R5-2014)

Stakeholders: Health IT, regulatory authorities, regulated industry, standards development organizations, vendors, and third parties, as it relates to drugs, biologics, medical devices, veterinary medicine, and food and feed products.

Project Need: The stakeholders, NCPDP and US/FDA as well as EU/EMA and the implementer of the SPL working group, are requiring support for the new use cases being considered and plan to implement the resulting standard still within the same year (2014).

Updates the previous version by adding: (1) Add support for Risk Evaluation and Mitigation Strategies (REMS); (2) Review and add, as necessary, support for management of applications/approvals of products and product-related facilities; and (3) Any other requirements brought by stakeholder parties, including, but not limited to EMA/EU are being considered if submitted timely.

LIA (ASC Z136) (Laser Institute of America)

Office: 13501 Ingenuity Drive
Suite 128
Orlando, FL 32826

Contact: Barbara Sams

Fax: (407) 380-5588

E-mail: bsams@lia.org

BSR Z136.9-201x, Standard for Safe Use of Lasers in Manufacturing Environments (revision of ANSI Z136.9-2013)

Stakeholders: Laser and laser system manufacturers; automation and assembly line integrators (third party integrators); industrial robotics manufacturers and integrators; laser users in automotive manufacturing, aerospace manufacturing, metal and non-metal fabrication industry; semiconductor and electronics fabrication and assembly operations; and general and commercial manufacturing operations.

Project Need: The objective of the revision is to update and improve the standard created to supply reasonable and adequate guidance for the safe use of lasers and laser systems employed in all manufacturing environments.

This standard provides recommendations for the safe use of lasers and laser systems in manufacturing that operate at wavelengths between 0.18 mm and 1 mm.

SCTE (Society of Cable Telecommunications Engineers)

Office: 140 Philips Road
Exton, PA 19341

Contact: Travis Murdock

Fax: ((61)) 363-5898

E-mail: tmurdock@scte.org

BSR/SCTE 174-201x, Radio Frequency over Glass Fiber-to-the-Home Specification (revision of ANSI/SCTE 174-2010)

Stakeholders: Cable Telecommunications industry.

Project Need: Update to current technology.

This document defines a fiber-to-the-home system optimized for compatibility with hybrid fiber-coax (HFC) plant, using the same end equipment at both the home and at the headend or hub. The RFoG system is defined to begin where the plant becomes passive, extending from that point to the home. This interface is referred to as the Optical Hub. There are many possible variations on the structure of the optical hub, depending on the needs of the system. The RFoG system is defined to terminate at the subscriber-side interface of an RFoG Optical Network Unit (R-ONU) at the home.

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 555 om-201x, Roughness of paper and paperboard
(Print-surf method) (new standard)

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

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

This method measures the roughness of paper and paperboard under conditions intended to simulate the nip pressures and backing substrates found in printing processes. It is applicable to coated and uncoated papers and paperboards that are intended to be printed by contacting printing processes.

American National Standards Maintained Under Continuous Maintenance

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

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

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

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

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

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

ANSI-Accredited Standards Developers Contact Information

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

<p>3-A 3-A Sanitary Standards, Inc. 6888 Elm Street Suite 2D McLean, VA 22101-3829 Phone: (703) 790-0295 Fax: (703) 761-6284 Web: www.3-a.org</p>	<p>ASC X9 Accredited Standards Committee X9, Incorporated 1212 West Street Suite 200 Annapolis, MD 21401 Phone: (410) 267-7707 Fax: (410) 267-0961 Web: www.x9.org</p>	<p>CGA Compressed Gas Association 14501 George Carter Way Suite 103 Chantilly, VA 20151 Phone: (703) 788-2728 Fax: (703) 961-1831 Web: www.cganet.com</p>	<p>ITSDF Industrial Truck Standards Development Foundation, Inc. 1750 K Street NW Suite 460 Washington, DC 20006 Phone: (202) 296-9880 Fax: (202) 296-9884 Web: www.indtrk.org</p>
<p>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</p>	<p>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</p>	<p>CSA CSA Group 8501 E. Pleasant Valley Road Cleveland, OH 44131 Phone: (216) 524-4990 Fax: (216) 520-8979 Web: www.csa-america.org</p>	<p>LIA (ASC Z136) Laser Institute of America 13501 Ingenuity Drive Suite 128 Orlando, FL 32826 Phone: (407) 380-1553 Fax: (407) 380-5588 Web: www.laserinstitute.org</p>
<p>ADA (Organization) American Dental Association 211 E. Chicago Ave Chicago, IL 60611 Phone: (312) 440-2533 Fax: (312) 440-2529 Web: www.ada.org</p>	<p>ASME American Society of Mechanical Engineers Two Park Avenue New York, NY 10016 Phone: (212) 591-8521 Fax: (212) 591-8501 Web: www.asme.org</p>	<p>FM FM Approvals 1151 Boston-Providence Turnpike Norwood, MA 02062 Phone: (781) 255-4813 Fax: (781) 762-9375 Web: www.fmglobal.com</p>	<p>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</p>
<p>AHRI Air-Conditioning, Heating, and Refrigeration Institute 2111 Wilson Boulevard Suite 500 Arlington, VA 22201 Phone: (703) 600-0327 Fax: (703) 562-1942 Web: www.ahrinet.org</p>	<p>ASQ (ASC Z1) American Society for Quality 600 N Plankinton Ave Milwaukee, WI 53203 Phone: (414) 272-8575 Web: www.asq.org</p>	<p>HFES Human Factors & Ergonomics Society P.O. Box 1369 Santa Monica, CA 90406-1369 Phone: (310) 394-1811 Fax: (310) 394-2410 Web: www.hfes.org</p>	<p>NEMA (ASC C82) National Electrical Manufacturers Association 1300 North 17th Street Suite 1752 Rosslyn, VA 22209 Phone: (703) 841-3277 Fax: (703) 841-3377 Web: www.nema.org</p>
<p>ANS American Nuclear Society 555 North Kensington Avenue La Grange Park, IL 60526-5592 Phone: (708) 579-8269 Fax: (708) 579-8248 Web: www.ans.org</p>	<p>ASTM ASTM International 100 Barr Harbor Drive West Conshohocken, PA 19428-2959 Phone: (610) 832-9744 Fax: (610) 834-3683 Web: www.astm.org</p>	<p>HL7 Health Level Seven 3300 Washtenaw Avenue Suite 227 Ann Arbor, MI 48104 Phone: (734) 677-7777 Fax: (734) 677-6622 Web: www.hl7.org</p>	<p>NEMA (Canvass) National Electrical Manufacturers Association 1300 North 17th Street Suite 1752 Rosslyn, VA 22209 Phone: (703) 841-3285 Fax: (703) 841-3385 Web: www.nema.org</p>
<p>ASABE American Society of Agricultural and Biological Engineers 2950 Niles Road Saint Joseph, MI 49085 Phone: (269) 932-7015 Fax: (269) 429-3852 Web: www.asabe.org</p>	<p>AWS American Welding Society 8669 NW 36th Street Miami, FL 33166 Phone: (305) 443-9353 Fax: (305) 443-5951 Web: www.aws.org</p>	<p>IAPMO (ASC Z124) International Association of Plumbing & Mechanical Officials 5001 East Philadelphia Street Ontario, CA 91761-2816 Phone: (909) 472-4106 Fax: (909) 472-4150 Web: www.iapmort.org</p>	<p>NSF NSF International 789 N. Dixboro Road Ann Arbor, MI 48105 Phone: (734) 827-6819 Fax: (734) 827-7875 Web: www.nsf.org</p>
<p>AWWA American Water Works Association 6666 W. Quincy Ave. Denver, CO 80235 Phone: (303) 347-6178 Fax: (303) 795-7603 Web: www.awwa.org</p>	<p>AWWA American Water Works Association 6666 W. Quincy Ave. Denver, CO 80235 Phone: (303) 347-6178 Fax: (303) 795-7603 Web: www.awwa.org</p>	<p>ISA (Organization) ISA-The Instrumentation, Systems, and Automation Society PO Box 12277, 67 Alexander Drive Research Triangle Park, NC 27709 Phone: (919) 990-9228 Fax: (919) 549-8288 Web: www.isa.org</p>	<p>NSF NSF International 789 N. Dixboro Road Ann Arbor, MI 48105 Phone: (734) 827-6819 Fax: (734) 827-7875 Web: www.nsf.org</p>

SCTE

Society of Cable Telecommunications
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SIA

Security Industry Association

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Silver Spring, MD 20910
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Fax: 301-804-4701
Web: www.siaonline.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

TCNA (ASC A108)

Tile Council of North America

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

UL

Underwriters Laboratories, Inc.

333 Pfingsten Road
Northbrook, IL 60062-2096
Phone: (847) 664-1725
Fax: (847) 407-1725
Web: www.ul.com



ISO Draft International Standards

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

Comments

Comments regarding ISO documents should be sent to ANSI's ISO Team (isot@ansi.org). The final date for offering comments is listed after each draft.

Ordering Instructions

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

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO/DIS 13299, Sensory analysis - Methodology - General guidance for establishing a sensory profile - 12/13/2014, \$112.00

HEALTH INFORMATICS (TC 215)

ISO/DIS 17523, Health informatics - Requirements for electronic prescriptions - 12/13/2014, \$62.00

ISO/DIS 27799, Health informatics - Information security management in health using ISO/IEC 27002 - 12/13/2014, \$165.00

MACHINE TOOLS (TC 39)

ISO/DIS 16092-1, Machine tools safety - Presses - Part 1: General safety requirements - 12/13/2014, \$119.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO/DIS 16063-43, Methods for the calibration of vibration and shock transducers - Part 43: Calibration of accelerometers by model-based parameter identification - 12/14/2014, \$67.00

MEDICAL DEVICES FOR INJECTIONS (TC 84)

ISO/DIS 8537, Sterile single-use syringes, with or without needle, for insulin - 12/13/2014, \$93.00

PLASTICS (TC 61)

ISO/DIS 19069-2, Plastics - Polypropylene (PP) moulding and extrusion materials - Part 2: Preparation of test specimens and determination of properties - 12/13/2014, \$46.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 14496-4/DAmD43, Information technology - Coding of audio-visual objects - Part 4: Conformance testing - Amendment 4: 3D-AVC conformance testing - 12/14/2014, \$53.00

ISO/IEC 14496-12/DAmD4, Information technology - Coding of audio-visual objects - Part 12: ISO base media file format - Amendment 4: Various enhancements including support for large metadata - 11/2/2004, \$58.00

ISO/IEC CD 18745-2, Information technology - Test methods for machine readable travel documents (MRTD) - Part 2: Test methods for the contactless interface - 12/19/2014, FREE

ISO/IEC DIS 29794-1, Information technology - Biometric sample quality - Part 1: Framework - 11/22/2014, \$67.00



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>).

FLUID POWER SYSTEMS (TC 131)

ISO 16908:2014, Hydraulic filter element test methods - Thermal conditioning and cold start-up simulation, \$108.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO 9345-2:2014, Microscopes - Imaging distances related to mechanical reference planes - Part 2: Infinity-corrected optical systems, \$88.00

PHOTOGRAPHY (TC 42)

ISO 18938:2014, Imaging materials - Optical discs - Care and handling for extended storage, \$149.00

PLASTICS (TC 61)

ISO 17541:2014, Plastics - Quantitative evaluation of scratch-induced damage and scratch visibility, \$123.00

STEEL (TC 17)

ISO 683-18:2014, Heat-treatable steels, alloy steels and free-cutting steels - Part 18: Bright steel products, \$211.00

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

ISO 7176-22:2014, Wheelchairs - Part 22: Set-up procedures, \$156.00

ISO Technical Reports

DOCUMENT IMAGING APPLICATIONS (TC 171)

ISO/TR 18160:2014, Document management - Digital preservation - Analog recording to silver-gelatin microform, \$88.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO/TR 19686-1:2014, Petroleum products - Equivalency of test method determining the same property - Part 1: Atmospheric distillation of petroleum products, \$77.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 19772/Cor1:2014, Information technology - Security techniques - Authenticated encryption - Corrigendum, FREE

ISO/IEC 18000-7:2014, Information technology - Radio frequency identification for item management - Part 7: Parameters for active air interface communications at 433 MHz, \$314.00

Proposed Foreign Government Regulations

Call for Comment

U.S. manufacturers, exporters, regulatory agencies and standards developing organizations may be interested in proposed foreign technical regulations 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 of choice for information technology developers, producers and users for the creation and maintenance of formal de jure IT standards. INCITS' mission is to promote the effective use of Information and Communication Technology through standardization in a way that balances the interests of all stakeholders and increases the global competitiveness of the member organizations.

The INCITS Executive Board serves as the consensus body with 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 has eleven membership categories that can be viewed at <http://www.incits.org/participation/membership-info>. Membership in all categories is always welcome. INCITS also seeks to broaden its membership base and looks to recruit new participants in the following under-represented membership categories:

- **Producer – Hardware**

This category primarily produces hardware products for the ITC marketplace.

- **Producer – Software**

This category primarily produces software products for the ITC marketplace.

- **Distributor**

This category is for distributors, resellers or retailers of conformant products in the ITC industry.

- **User**

This category includes entities that primarily rely on standards in the use of a products/service, as opposed to producing or distributing conformant products/services.

- **Consultants**

This category is for organizations whose principal activity is in providing consulting services to other organizations.

- **Standards Development Organizations and Consortia**

- o "Minor" an SDO or Consortia that (a) holds no TAG assignments; or (b) holds no SC TAG assignments, but does hold one or more Work Group (WG) or other subsidiary TAG assignments.

- **Academic Institution**

This category is for organizations that include educational institutions, higher education schools or research programs.

- **Other**

This category includes all organizations who do not meet the criteria defined in one of the other interest categories.

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.

Announcement of Intent to Process Provisional ANS (PS) in accordance with Annex B of the ANSI Essential Requirements (www.ansi.org/essentialrequirements)

ISO/DIS2 80369-3, Small-bore connectors for liquids and gases in healthcare applications -- Part 3: Connectors for enteral applications, and ISO/DIS 80369-6, Small bore connectors for liquids and gases in healthcare applications -- Part 6: Connectors for neuraxial applications

Association for the Advancement of Medical Instrumentation (AAMI) intends to ballot ISO/DIS2 80369-3, Small-bore connectors for liquids and gases in healthcare applications -- Part 3: Connectors for enteral applications and ISO/DIS 80369-6, Small bore connectors for liquids and gases in healthcare applications -- Part 6: Connectors for neuraxial applications as provisional American National Standards. The need is due to the impact on public safety, as well as to comply with pending California legislation prohibiting the use of an epidural, intravenous, or enteral feeding connector that fits into a connection port other than the type for which it was intended, which will go into effect January 1, 2016.

Once the final versions of ISO 80369-3 and ISO 80369-6 are approved by ISO, the provisional standards will be replaced by parallel adoptions of the ISO standards, which are already in process. AAMI agrees to comply with all of the requirements in Annex B of the ANSI Essential Requirements related to provisional American National Standards.

For more information, contact: Colleen Elliott, celliot@aami.org.

ANSI Accredited Standards Developers

Approval of Accreditations

Alliance for Telecommunications Industry Solutions (ATIS)

ANSI's Executive Standards Council has approved the reaccreditation of the Alliance for Telecommunications Industry Solutions (ATIS), an ANSI Organizational Member, under its recently revised operating procedures for documenting consensus on ATIS-sponsored American National Standards, effective September 5, 2014. For additional information, please contact: Ms. Kerrienne Conn, Manager, Administrator for Standards Processes and Publications, Alliance for Telecommunications Industry Solutions, 1200 G Street NW, Suite 500, Washington, DC 20005; phone: 202.628.6380; e-mail: kconn@atis.org.

National Board of Boiler and Pressure Vessel Inspectors (NBBPVI)

ANSI's Executive Standards Council has approved the reaccreditation of the National Board of Boiler and Pressure Vessel Inspectors (NBBPVI), an ANSI Organizational Member, under its recently revised NBIC Inspection Code Procedure for documenting consensus on NBBPVI-sponsored American National Standards, effective September 5, 2014. For additional information, please contact: Ms. Robin Hough, NBIC Committee Coordinator, National Board of Boiler and Pressure Vessel Inspectors, 1055 Crupper Avenue, Columbus, OH 43229; phone: 614.888.8320, ext. 228; e-mail: RHough@nationalboard.org.

International Organization for Standardization (ISO)

Call for comments

ISO/TMB – Standards under Systematic Review

ISO/IEC Guide 98-4:2012

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/IEC Guide 98-4:2012, Uncertainty of measurement -- Part 4: Role of measurement uncertainty in conformity assessment

As there is no accredited U.S. TAG to provide the U.S. consensus positions on this document, 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.

ISO Proposal for a New Field of ISO Technical Activity

Electoral Administration

Comment Deadline: September 12, 2014

INTECO (Costa Rica) has submitted to ISO the attached proposal for a new field of ISO technical activity on the subject of Electoral Administration, with the following scope statement:

Standardization in the field of electoral administration and management, including, but not limited to, the registration of electors, the registration of political organizations and candidates, electoral logistics and planning, vote casting, vote counting and declaration of results, citizenship electoral education, oversight of campaign financing, electronic voting systems, electoral crimes and jurisprudence, electoral observation and methodologies, as well as any other aspects related to the organization of an electoral process.

Further explanation and rationale is provided in the document.

Anyone wishing to review this new proposal can request a copy by contacting ANSI's ISO Team via e-mail: isot@ansi.org with submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, September 12, 2014.

Meeting Notices

AHRI Standards

Revision of AHRI Standard 540, Performance Rating of Positive Displacement Refrigerant Compressors and Compressor Units

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on October 1 from 9 a.m. to 5 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Justin Prosser at jprosser@ahrinet.org.

Development of AHRI Standard 1310P, Wind Load Design of HVACR Equipment for Unit Integrity

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on October 22 from 10 a.m. to 12 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Danny Abbate at dabbate@ahrinet.org.

ASC Z223/NFPA 54

The National Fuel Gas Code Committees ASC Z223/NFPA 54 will convene a joint meeting at The InterContinental Kansas City at the Plaza, Kansas City, Missouri, on November 18-19, 2014. The purpose of this meeting is to review and take action on any outstanding issues resulting from the recently completed 2015 Edition revision cycle. The committee will also review possible projects for submittal to the 2018 revision cycle. Please visit the ASC Z223 committee webpage hosted on the AGA website at www.aga.org for a preliminary agenda and the hotel and meeting registration information. For more information contact Paul Cabot, Secretary, pcabot@aga.org.

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

Injection Molding Safety Committee

The Injection Molding Safety Committee, sponsored by the Secretariat (SPI), will hold its next meeting October 7 through 9 at the Precision Manufacturers Association in Independence, OH. SPI is an ANSI-Accredited Standards developer, and the Injection Molding Safety Committee deals with the overall general safety requirements common to injection molding machines. The purpose of this meeting is to continue revising ANSI SPI B151.1-201X, Safety Requirements for the Manufacture, Care and Use of Injection Molding Machines. This meeting is open to anyone with an interest in injection molding machine safety, particularly as it relates to integration, care and use of these machines, and who wishes to participate in standards development.

If you have an interest in participating in this meeting or would like more information, please contact Katie Masterson at kmasterson@plasticsindustry.org or 202-974-5296.



**BSR/ASHRAE/ASHE Addendum c
to ANSI/ASHRAE/ASHE Standard 170-2013**

Public Review Draft

**Proposed Addendum c to
Standard 170-2013, Ventilation of
Health Care Facilities**

**First Public Review (August 2014)
(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.

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BSR/ASHRAE/ASHE Addendum c to ANSI/ASHRAE/ASHE Standard 170-2008, *Ventilation of Health Care Facilities*

Public Review Draft

(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 proposed addendum updates the terminology requirements of the Standard for Laboratory Work Areas to align with FGI-2014 (reference 2.1-4.1.2) and clarifies minimum requirements.

[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 c to 170-2013

Revise Table 6.4 as follows. The remainder of Table 6.4 is unchanged.

TABLE 6.4 Minimum Filter Efficiencies

Space Designation (According to Function)	Filter Bank No. 1 (MERV) ^a	Filter Bank No. 2 (MERV) ^a
Laboratories Laboratory Work Areas; Procedure rooms (Class A surgery), and associated semirestricted spaces	13 ^b	NR

NR = not required

Notes:

- The minimum efficiency reporting value (MERV) is based on the method of testing described in ANSI/ASHRAE Standard 52.2, *Method of Testing General Ventilation Air-Cleaning Devices for Removal Efficiency by Particle Size* ([ASHRAE 2012] in Informative Appendix B).
- Additional prefilters may be used to reduce maintenance for filters with efficiencies higher than MERV 7.

Revise Table 7.1 as follows. The remainder of Table 7.1 is unchanged.

BSR/ASHRAE/ASHE Addendum c to ANSI/ASHRAE/ASHE Standard 170-2013, *Ventilation of Health Care Facilities*
First Public Review Draft

Table 7-1 Notes:

- f. ~~This letter is not used in this table.~~ Higher ventilation rates above 6 total ach shall be used when dictated by the laboratory program requirements and the hazard level of the potential contaminants in each Laboratory Work Area. Lower total ach ventilation rates shall be permitted when either: (a) a risk assessment per the ANSI/AIHA/ASSE Z9.5 Laboratory Ventilation Standard¹³ determines that no hazardous contaminants will be present in the Laboratory Work Area, or (b) a demand control approach with active sensing of contaminants is used as described in Chapter 16 of the ASHRAE HVAC Applications Handbook on Laboratories (see ASHRAE [2011b] in Informative Appendix B).
- v. ~~When required, appropriate hoods and exhaust devices for the removal of noxious gases or chemical vapors shall be provided in accordance with NFPA 99.⁸ Room temperatures or humidity ranges that exceed the minimum indicated ranges shall be used if required by the laboratory program or laboratory equipment.~~
- z. Certain laboratory program requirements such as media transfer require positive pressure relationships for a Laboratory Work Area. In these cases the laboratory program requirement shall be modified to be a positive pressure relationship.

Add a new reference to Section 9 as follows. The remainder of Section 9 is unchanged.

9. NORMATIVE REFERENCES

¹³ ANSI/AIHA/ASSE Z9.5-2012 Laboratory Ventilation Standard, American Society of Safety Engineers.

Revise Informative Appendix B as follows. The remainder of Informative Appendix B is unchanged.

INFORMATIVE APPENDIX B INFORMATIVE REFERENCES AND BIBLIOGRAPHY

ASHRAE. 2011a. *ASHRAE Handbook—Applications*, Chapter 8, “Health Care Facilities.” Atlanta: ASHRAE.

ASHRAE. 2011b. *ASHRAE Handbook—Applications*, Chapter 16, “Laboratories.” Atlanta: ASHRAE.



**BSR/ASHRAE/ASHE Addendum d
to ANSI/ASHRAE/ASHE Standard 170-2013**

Public Review Draft

**Proposed Addendum d to
Standard 170-2013, Ventilation of
Health Care Facilities**

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BSR/ASHRAE/ASHE Addendum d to ANSI/ASHRAE/ASHE Standard 170-2013, *Ventilation of Health Care Facilities*

First Public Review Draft

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FOREWORD

This proposed addendum clarifies the requirements for certain exhaust discharges. Terminology for the Emergency Department public waiting area is made consistent within the Standard and with the FGI Guidelines (refer to paragraph 2.2-3.1.3.4 from the FGI-2014). Terminology for nuclear medicine hot lab is made consistent within the Standard and with the FGI Guidelines (refer to 2.2-3.6.6.16 paragraph from the 2014 draft, 2010 paragraph 2.2-3.6.3.3).

[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 d to 170-2013

Revise Section 6.3.2 as follows.

6.3.2 Exhaust Discharges.

6.3.2.1 General. Exhaust discharge outlets that discharge air from AII rooms, bronchoscopy and sputum collection and pentamidine administration rooms, ~~e-Emergency~~ ~~Department~~ public waiting areas ~~rooms~~, nuclear medicine hot labs ~~laboratories~~, radiology waiting rooms programmed to hold patients who are waiting for chest x-rays for diagnosis of respiratory disease, pharmacy hazardous drug exhausted enclosures, and laboratory work area chemical fume hoods shall

a. be designed so that all ductwork within the building is under negative pressure;

Exception: Ductwork located within mechanical equipment rooms. Positive-pressure exhaust ductwork located within mechanical equipment rooms shall be sealed in accordance with SMACNA duct leakage Seal Class A.¹⁰

~~b. discharge in a vertical direction at least 10 ft (3 m) above roof level and shall be located not less than 10 ft horizontally from air intakes, openable windows/doors, or areas that are normally accessible to the public or maintenance personnel and that are higher in elevation than the exhaust discharge; and~~

~~eb.~~ be located such that they ~~minimize~~ reduce the potential for the recirculation of exhausted air back into the building.

6.3.2.2 Additional Requirements.

a. Exhaust discharge outlets from AII rooms, bronchoscopy sputum collection exhaust, pharmacy hazardous drug exhausted enclosures, and laboratory work area chemical fume hoods shall additionally be

BSR/ASHRAE/ASHE Addendum b to ANSI/ASHRAE/ASHE Standard 170-2013, *Ventilation of Health Care Facilities*

First Public Review Draft

arranged to discharge to the atmosphere in a vertical direction (with no rain cap or other device to impede the vertical momentum) and at least 10 ft (3 m) above the adjoining roof level.

b. Exhaust discharge outlets from laboratory work area chemical fume hoods shall discharge with a stack velocity of at least 2,500 fpm.

c. Exhaust discharge outlets from AII rooms, bronchoscopy sputum collection exhaust, and laboratory work area chemical fume hoods shall be located not less than 25 feet horizontally from outdoor air intakes, openable windows/doors, and areas that are normally accessible to the public.

Exception: If permitted by the authority having jurisdiction, an alternate location (e.g. located adjacent to an air intake but with the exhaust discharge point above the top of the air intake) may be utilized. The submitted re-entrainment analysis shall demonstrate that an exhaust discharge outlet located at a distance less than 25 feet horizontally provides a lower concentration of re-entrainment than all the areas located at a distance greater than 25 feet horizontally on the roof level where the exhaust discharge is located.

Revise Table 7.1 as shown below. The remainder of Table 7.1 is unchanged.

BSR/ASHRAE/ASHE Addendum d to ANSI/ASHRAE/ASHE Standard 170-2013, *Ventilation of Health Care Facilities*
 First Public Review Draft

Table 7.1 Design Parameters

Function of Space	Pressure Relationship to Adjacent Areas (n)	Minimum Outdoor ach	Minimum Total ach	All Room Air Exhausted Directly to Outdoors (j)	Air Recirculated by Means of Room Units (a)	Design Relative Humidity (k), %	Design Temperature (l), °F/°C
SURGERY AND CRITICAL CARE							
<u>ER-Emergency Department public waiting area rooms</u>	Negative	2	12	Yes (q)	N/R	Max 65	70-75/21-24



**BSR/ASHRAE/ASHE Addendum e
to ANSI/ASHRAE/ASHE Standard 170-2013**

Public Review Draft

**Proposed Addendum e to
Standard 170-2013, Ventilation of
Health Care Facilities**

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BSR/ASHRAE/ASHE Addendum e to ANSI/ASHRAE/ASHE Standard 170-2013, *Ventilation of Health Care Facilities*

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FOREWORD

This proposed addendum clarifies that for spaces with pressure relationship requirements in Table 7.1, Design Parameters, controls shall not be allowed that change the pressure relationship between positive and negative. This requirement was previously only applicable to All Rooms.

[Note to Reviewers: This addendum makes proposed changes to the current standard. These changes are indicated in the text by underlining (for additions) and ~~strikethrough~~ (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 e to 170-2013

Relocate the prohibition against switching pressure relationships for All Rooms from footnote u of Table 7.1 to a general requirement in Section 7.1.a.3 as shown below. The remainder of Section 7.1 is unchanged.

7.1 General Requirements. The following general requirements shall apply for space ventilation:

- a. Spaces shall be ventilated according to Table 7.1.

[...]

3. For design purposes, the minimum number of total air changes indicated shall be either supplied for positive pressure rooms or exhausted for negative pressure rooms. Spaces that are required in Table 7.1 to be at a negative pressure relationship and are not required to be exhausted shall utilize the supply airflow rate to compute the minimum total air changes per hour required. For spaces that require a positive or negative pressure relationship, the number of air changes can be reduced when the space is unoccupied, provided that the required pressure relationship to adjoining spaces is maintained while the space is unoccupied and that the minimum number of air changes indicated is re-established anytime the space becomes occupied. Controls intended to switch the required pressure relationships between spaces from positive to negative, and vice versa, shall not be permitted. Air change rates in excess of the minimum values are expected in some cases in order to maintain room temperature and humidity conditions based upon the space cooling or heating load.

[...]

Revise Table 7.1 as shown below. The remainder of Table 7.1 is unchanged.

TABLE 7.1 Design Parameters

Function of Space	Pressure Relationship to Adjacent Areas (n)	Minimum Outdoor ach	Minimum Total ach	All Room Air Exhausted Directly to Outdoors (j)	Air Recirculated by Means of Room Units (a)	Design Relative Humidity (k), %	Design Temperature (l), °F/°C
SURGERY AND CRITICAL CARE							
Operating room (Class B and C), (m), (n) ; (o)	Positive	4	20	N/R	No	20-60	68-75/20-24
Operating/surgical cystoscopic rooms, (m), (n) ; (o)	Positive	4	20	N/R	No	20-60	68-75/20-24
Delivery room (Caesarean) (m), (n) ; (o)	Positive	4	20	N/R	No	20-60	68-75/20-24
DIAGNOSTIC AND TREATMENT							
Bronchoscopy, sputum collection, and pentamidine administration (n)	Negative	2	12	Yes	No	N/R	68-73/20-23
Autopsy room (n)	Negative	2	12	Yes	No	N/R	68-75/20-24

[...]

- n. If pressure-monitoring device alarms are installed, allowances shall be made to prevent nuisance alarms. Short-term excursions from required pressure relationships shall be allowed while doors are moving or temporarily open. Simple visual methods such as smoke trail, ball-in-tube, or flutterstrip shall be permitted for verification of airflow direction.

[...]

- u. The AII room described in this standard shall be used for isolating the airborne spread of infectious diseases, such as measles, varicella, or tuberculosis. Supplemental recirculating devices using HEPA filters shall be permitted in the AII room to increase the equivalent room air exchanges; however, the minimum outdoor air changes of Table 7.1 are still required. AII rooms that are retrofitted from standard patient rooms from which it is impractical to exhaust directly outside may be recirculated with air from the AII room, provided that the air first passes through a HEPA filter. When the AII room is not utilized for airborne infection isolation, the pressure relationship to adjacent areas, when measured with the door closed, shall remain unchanged and the minimum total air change rate shall be 6 ach. ~~Switching controls for reversible airflow provisions shall not be permitted.~~

[...]

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NSF Sustainability Assessment for – Water Contact Products

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2 Normative references

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

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2.2 Product Design and Manufacturing

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International Organization for Standardization (ISO) 14064:3, 2006, *Greenhouse gases – Part 3: Specification with guidance for the validation and verification of greenhouse gas assertions*¹

International Organization for Standardization (ISO) 17000 2004, *Conformity assessment -- Vocabulary and general principles*¹

National Toxicology Program (NTP) *Report on Carcinogens*²

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3 Definitions

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3.5 durability: ability to meet or exceed the expected lifetime of a product under a set of use conditions as defined by a specific national product standard or in the absence of a standard, defined within the manufacturer's literature or trade group standard.

3.6 environmentally preferable: A product(s), material or content that has a lesser/reduced negative effect or greater/increased positive effect on human health and the environment when compared with competing products or services that serve the same purpose.

¹ International Organization for Standardization, ISO Central Secretariat, 1, ch. De la Voie-Cruese, CP 56, CH-1211 Geneva 20, Switzerland <www.iso.org>

² National Toxicology Program (NTP) Report on Carcinogens, P.O. Box 12233, MD K2-14, Research Triangle Park, NC USA 27709 <http://ntp.niehs.nih.gov>

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3.7 innovation: product, processes or services that provide new, novel approaches to meeting market or societal needs in a manner that reduces material or resource content, lowers adverse human health or ecological impacts or improves durability.

3.x independent third party: a person or body that is recognized as being independent of the person or organization that provides the object, as well as the user or customer of the object. [ISO 17000:2004].

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4 Conformance, evaluation, and assessment criteria

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4.6 Zero (from production) waste, water consumption, noise, odor, or particulates

For those credits throughout the Standard where reduction of an item such as waste, water consumption, noise, odor, or particulates is required, the manufacturer ~~should~~ qualifies for that credit if there is documented proof of zero waste, water consumption, noise, odor or particulates as prescribed in the credit.

5 Product design

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5.5 Life Cycle

5.5.1 Optional: Life cycle inventory

The manufacturer shall complete a life cycle inventory for the product undergoing assessment using the boundary defined in 4.4 or cradle to gate or cradle to grave.

5.5.2 Optional: Life cycle assessment

For both options, the life cycle assessment shall be reviewed and updated ~~as necessary~~ when sensitivity analysis demonstrates ~~significant~~ changes have been made to the product or no longer than a maximum of 5 years.

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5.6.6 Optional: Environmentally sustainable inputs – product

For the product undergoing assessment, the manufacturer shall declare the total quantity of environmentally sustainable inputs (~~e.g.~~ recycled [pre- or post-consumer], or bio-based), specified on a percentage weight basis. The manufacturer shall document a minimum of ~~5.0~~20% environmentally sustainable content of the product by weight (excluding packaging) for any of the following:

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- Bio-based resource content with proper stewardship; or
- Recycled content quantity, which shall be calculated as follows:
 - Post-consumer recycled content shall be valued at 100% weight basis; or
 - Pre-consumer recycled content shall be valued at 50% weight basis.

The manufacturer shall be able to use both bio-based and recycled content to achieve this percentage.

5.6.7 Optional: Environmentally sustainable inputs – packaging

For the product undergoing assessment, the manufacturer shall declare the total quantity of environmentally sustainable inputs (e.g. recycled [pre- or post-consumer], or bio-based), specified on a percentage weight basis for finished product packaging. The manufacturer shall document a minimum of 5.0% environmentally sustainable content of the packaging by weight for the following:

- Bio-based resource content with proper stewardship; or
- Recycled content quantity, which shall be calculated as follows:
 - Post-consumer recycled content shall be valued at 100% weight basis; or
 - Pre-consumer recycled content shall be valued at 50% weight basis.

The manufacturer shall be able to use both bio-based and recycled content to achieve this percentage.

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6 Product manufacturing

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6.4.2 Optional: Manufacturing waste minimization

The manufacturer shall document either:

- a waste generation rate (6.4.1) reduction of at least 2% over the previous 3 years; or
- a waste generation rate (6.4.1) reduction of at least 10% over the previous ten years; or
- a waste generation rate (6.4.1) of at least 10% less than an independent third party published industry average; or
- an annual average from the total waste generation rate (6.4.1) calculated over the previous ten years that is less than 2% on a weight basis.

Alternatively the manufacturer shall demonstrate their greenhouse gas loadings are less than independent third party published industry averages. Scope (boundary) of manufacturer analysis shall be consistent with scope of published average.

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7 Durability

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The criteria in this section are intended to encourage manufacturers to maximize product durability and minimize impacts during the use phase of the product. The durability of a product is dependent on its longevity and performance characteristics and can reduce the replacement cycle and the resulting impact on the environment. Reclamation at the end of a product's life also reduces the environmental impact.

7.1 Requisite: Durability policy

The manufacturer shall document a policy that their products design and manufacture shall be durable according to applicable national product standards containing minimum physical integrity requirements. For those products without applicable national product standards to reference, the manufacturer shall show product literature referencing their durability of the product.

7.2 Optional: Durability and longevity of product

The manufacturer shall document and demonstrate the product undergoing assessment to this Standard lasts longer than the product performance requires requirements in the applicable performance standards in 7.1 (e.g., life testing section, physical integrity requirements). Documentation of performance shall be from an independent third party or testing laboratory independent of the manufacturer.

7.3 Optional: Minimization of impacts during use

The manufacturer shall document and demonstrate product design for minimization of impacts during use (e.g., low water use, energy efficiency). Data shall be from a period of not less than 3 years to document this minimization.

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BSR/UL 430, Standard Waste Disposers

Table 40.2
Physical properties of gaskets and seals

Physical properties ^a	Elastomers		Nonelastomers	
	Before conditioning	After conditioning	Before conditioning	After conditioning
Minimum elongation	250 percent	65 percent of original =	200 percent	65 percent of original =
Minimum tensile strength	1500 psi (10.3 MPa)	75 percent of original =	1500 psi (10.3 MPa)	75 percent of original =
<u>Minimum elongation – air oven</u>	=	<u>60 percent of original</u>	=	<u>60 percent of original</u>
<u>Minimum tensile strength – air oven</u>	=	<u>60 percent of original</u>	=	<u>60 percent of original</u>
<u>Minimum tensile strength and elongation – Cascade detergent</u>	=	<u>50 percent of original</u>	=	<u>50 percent of original</u>
<u>Minimum tensile strength and elongation – Corn oil</u>	=	<u>50 percent of original</u>	=	<u>50 percent of original</u>
<u>Minimum tensile strength and elongation – IRM 903 oil</u>	=	<u>50 percent of original</u>	=	<u>50 percent of original</u>
Maximum tensile set	25 percent	–	Not specified	–
Maximum compression set	15 percent	–	Not specified	–

^a For description of performance criteria see the Standard for Gaskets and Seals, UL 157.

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BSR/UL 507, Standard for Electric Fans

8. Permanence of Cord Tag Markings.

51H.1 In addition to complying with Section 62.1 and, after being tested as described in 51H.2 and 51H.3, a tag used for a cautionary marking in accordance with 62.8.1 is considered to be permanently affixed to a power-supply cord if there is no:

- a) Tearing at any point for more than 1/16 in (1.6 mm),
- b) Separation from the power-supply cord,
- c) Shrinkage, deformation, cracking, or other condition that will render the marking on the tag illegible, ~~or~~
- d) Torn or otherwise damaged overlamination. The printing shall remain legible and the overlamination shall remain in place, or
- e) Slippage or movement along the length of the cord set more than 1/2 inch (13 mm) and there shall not be any visible damage to the cord.

11. Capacitors.

23.6 A motor starting or running capacitor shall be rated for the appropriate voltage, and with the exception of electrolytic type, the maximum available fault current (AFC) to which it can be subjected, in accordance with the following:

- a) A value of 5,000 A minimum when connected directly across the line;
- b) For capacitors connected in series with a motor coil, the maximum current available to a short-circuited capacitor, when connected in series with the motor coil energized under locked rotor conditions; and
- c) A dry metallized-polypropylene film capacitor operating at ~~a maximum of 330 VRMS~~ less than or equal to 330 VRMS shall not be required to have a maximum AFC rating.

BSR/UL 1569, Standard for Safety for Metal-Clad Cables

1. Addition of requirements to include an optional binder jacket

PROPOSAL

9.3.1 Any group of conductors (with or without one or more optical-fiber members included in the group), or several such groups within the cable may be enclosed in a binder consisting of a shield (see 11.1 - 11.3) or of a braid, tape, or other unspecified means. An individual group or several groups may be enclosed in a thin binder jacket that complies with Table 12.1 for the applicable jacket material. The thicknesses of a binder jacket (extruded binder) shall not be less than indicated in Table 9.3 when measured as described in 9.3.2.

Table 9.3**Thickness of binder jacket**

<u>Calculated diameter of round assembly under binder jacket or calculated length of major axis of flat assembly under binder jacket</u>		<u>Minimum average thickness</u>		<u>Minimum thickness at any point</u>	
<u>Inch</u>	<u>mm</u>	<u>mils</u>	<u>mm</u>	<u>mils</u>	<u>mm</u>
<u>0 - 0.425</u>	<u>0 - 10.80</u>	<u>15</u>	<u>0.38</u>	<u>12</u>	<u>0.30</u>
<u>Over 0.425 but not over 0.700</u>	<u>Over 10.80 but not over 17.78</u>	<u>30</u>	<u>0.76</u>	<u>24</u>	<u>0.61</u>
<u>Over 0.700 but not over 1.500</u>	<u>Over 17.78 but not over 38.10</u>	<u>45</u>	<u>1.14</u>	<u>36</u>	<u>0.91</u>
<u>Over 1.500 but not over 2.500</u>	<u>Over 38.10 but not over 63.50</u>	<u>60</u>	<u>1.52</u>	<u>48</u>	<u>1.22</u>

9.3.2 The average thickness of the jacket is to be determined by the difference method, which is to consist of determining the average diameter over the finished jacket, subtracting from it the diameter of the assembly under the jacket, and dividing the result by 2. The diameters over and under the jacket are to be determined by means of a diameter tape capable of making measurements to at least 0.005 inch (0.05 mm). The average thickness of the jacket is acceptable if the value determined from the diameter-tape measurements equals or exceeds the average indicated in Table 9.3. If the average thickness determined from the diameter-tape measurements is less than the average indicated in the table, the jacket may be removed from the cable and the average thickness determined using the following referee procedure. The thickest

(measured at a conductor, not at a filler or elsewhere) and thinnest portions of the jacket are to be located and measured directly with one of the micrometers specified in 14.10(a) and (b). The average of these two micrometer measurements is to be taken as the average thickness of the jacket and is not to be less than the average indicated in the table.

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