ANSI STANDARDS ACTION

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Contents

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

ISSN 0038-9633

Comment Deadline: December 23, 2018

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

Revision

BSR/ASHRAE Standard 139-201X, Method of Testing for Rating Desiccant Dehumidifiers Utilizing Heat for the Regeneration Process (revision of ANSI/ASHRAE Standard 139-2015)

The purpose of this standard is to provide test methods for determining the moisture removal capacity of heat-regenerated desiccant dehumidifiers, as well as the coincident thermal energy performance, so that comparative evaluations of capacity and performance can be made, irrespective of the type or make of the device.

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)

Revision

BSR/NSF 49-201x (i133r2), Biosafety Cabinetry - Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49 -2016)

This Standard applies to Class II (laminar flow) biosafety cabinetry designed to minimize hazards inherent in work with agents assigned to biosafety levels 1, 2, 3, or 4. It also defines the tests that shall be passed by such cabinetry to meet this Standard. This Standard includes basic requirements for the design, construction, and performance of biosafety cabinets (BSCs) that are intended to provide personnel, product, and environmental protection; reliable operation; durability and structural stability; cleanability; limitations on noise level; illumination; vibration; and motor/blower performance.

Click here to view these changes in full

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

BSR/NSF 50-201x (i139r2), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2017)

This Standard covers materials, components, products, equipment and systems, related to public and residential recreational water facility operation.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Jason Snider, (734) 418-6660, jsnider@nsf.org

BSR/NSF 50-201x (i143r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2017)

This Standard covers materials, components, products, equipment and systems, related to public and residential recreational water facility operation.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Jason Snider, (734) 418-6660, jsnider@nsf.org

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1446-201x, Standard for Safety for Systems of Insulating Materials - General (revision of ANSI/UL 1446-2017)

(1) Proposal for elimination of requiring a varnish in a varnish-required system.

Click here to view these changes in full

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

Comment Deadline: January 7, 2019

ABMSP (American Board of Multiple Specialties in Podiatry)

New Standard

BSR/ABMSP 001-201x, Inserts for Diabetic Footwear (new standard)

ABMSP 001-201x provides a voluntary consensus standard for the manufacture of inserts for diabetic footwear. The standard applies to custom-fabricated, off-the-shelf (OTS), and library inserts and is supported by current, widely accepted medical practice. It is based on scientific research documented by relevant, peer-reviewed literature, and provider outcomes.

Single copy price: $500.00

Obtain an electronic copy from: sbp@standardsbasedprograms.com

Order from: Stephen B. Permison, Acting Director, ABMSP SDO, 15012 Carry Back Drive, N. Potomac, MD 20878

Send comments (with copy to psa@ansi.org) to: sbp@standardsbasedprograms.com

ANS (American Nuclear Society)

Reaffirmation

BSR/ANS 5.1-2014 (R201x), Decay Heat Power in Light Water Reactors (reaffirmation of ANSI/ANS 5.1-2014)

This standard sets forth values for calculating the decay heat power of uranium fueled light water reactors (LWRs). The decay heat power from fission products is presented in tables and equivalent analytical representations. The methods account for reactor operating history, for the effect of neutron capture in fission products, the contributions from actinides and activation products, and for assessing the uncertainty in the calculated decay heat power.

Single copy price: $184.00

Obtain an electronic copy from: standards@ans.org

Order from: orders@ans.org

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

ANS (American Nuclear Society)

Withdrawal

ANSI/ANS 58.3-1992 (R2018), Physical Protection for Nuclear Safety-Related Systems and Components (withdrawal of ANSI/ANS 58.3-1992 (R2018))

This standard sets forth physical protection criteria for nuclear safety-related systems and components in stations using light water reactors. This standard includes an identification of potential hazards to nuclear safety-related systems and components and acceptable means of ensuring the protection of this equipment from these hazards.

Single copy price: $152.00

Obtain an electronic copy from: standards@ans.org

Order from: standards@ans.org

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

APA (APA - The Engineered Wood Association)

Revision

BSR/APA PRP 210-201x, Standard for Performance-Rated Engineered Wood Siding (revision of ANSI/APA PRP 210-2014)

This standard covers manufacturing, qualification, and quality assurance requirements for engineered wood siding products.

Single copy price: Free

Obtain an electronic copy from: borjen.yeh@apawood.org

Order from: Borjen Yeh, (253) 620-7467, borjen.yeh@apawood.org

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

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

New Standard

BSR/APCO 2.106.1-201X, Public Safety Grade Site Hardening Requirements (new standard)

This effort documents public safety requirements regarding various characteristics to make mission critical communications wireless networks sufficiently robust to meet the service availability requirements of public safety. The effort will standardize what is required to make wireless network sites "public safety grade" or to the extent to which they are hardened. This effort specifically addresses hardening for wireless communications sites with both transmission and/or reception capabilities.

Single copy price: Free

Obtain an electronic copy from: apcostandards@apcointl.org

Order from: apcostandards@apcointl.org

Send comments (with copy to psa@ansi.org) to: https://workspace.apcointl.org/higherlogic/ws/public/document?document_id=1846&wg_id=technical

ASSP (ASC A10) (American Society of Safety Professionals)

Revision

BSR/ASSP A10.8-201x, Scaffolding Safety Requirements (revision and redesignation of ANSI ASSE A10.8-2011)

This standard establishes safety requirements for the construction, operation, maintenance and use of scaffolds used in the construction, alteration, demolition, and maintenance of buildings and structures.

Single copy price: $110.00

Obtain an electronic copy from: LBauerschmidt@assp.org

Order from: Lauren Bauerschmidt, (847) 768-3475, LBauerschmidt@assp.org

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

AWWA (American Water Works Association)

Revision

BSR/AWWA C520-201x, Knife Gate Valves, Sizes 2 In. (50 mm) through 96 In. (2,400 mm) (revision of ANSI/AWWA C520-2014)

This standard describes bonneted, bonnetless, cast, and fabricated steel; stainless-steel; and cast ductile-iron body knife gate valves with resilient or metal seats, including tapping knife gate valves, for use in water, wastewater, and reclaimed water systems with pH range from 6 to 12 and a temperature range from 33 F to 125 F (0.6 C to 52 C).

Single copy price: Free

Obtain an electronic copy from: ETSsupport@awwa.org

Order from: AWWA, Vicki David, vdavid@awwa.org

Send comments (with copy to psa@ansi.org) to: AWWA, Paul J. Olson, polson@awwa.org

BSR/AWWA C620-201x, Spray-In-Place Polymeric Lining for Potable Water Pipelines 4 In. (100 mm) and Larger (revision of ANSI/AWWA C620-2008 (R2017))

This standard describes the requirements for materials, equipment, certification, and procedures for the field application of spray-in-place polymeric linings (SIPP) to the interior of existing potable water lines.

Single copy price: Free

Obtain an electronic copy from: ETSsupport@awwa.org

Order from: AWWA, Vicki David, vdavid@awwa.org

Send comments (with copy to psa@ansi.org) to: AWWA, Paul J. Olson, polson@awwa.org

BHMA (Builders Hardware Manufacturers Association)

Revision

BSR/BHMA A156.34-201x, Standard for Bored Locks and Mortise Locks with Ligature Resistant Trim (revision of ANSI/BHMA A156.34-2016)

This Standard defines requirements and test methods for ligature-resistant trim on bored locks and mortise locks. These requirements apply to the exposed parts of the lockset on the face of the door in the closed position only, excluding cylinder keyways.

Single copy price: $36.00

Obtain an electronic copy from: mtierney@kellencompany.com

Order from: Michael Tierney, (860) 944-4264, mtierney@kellencompany.com

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

CSA (CSA Group)

New Standard

BSR/CHMC 2-201x, Test methods for evaluating material compatibility in compressed hydrogen applications - Polymers (new standard)

This standard provides uniform test methods for evaluating material compatibility with compressed hydrogen applications. The results of these tests are intended to provide a basic comparison of materials performance in applications utilizing compressed hydrogen. This standard is not intended to replace sound engineering judgment or component testing in hydrogen applications; additional testing considerations based on applicable standards and relevant failure modes should be conducted to fully qualify the polymer in the design of a component manufactured for use in certain hydrogen applications. This standard applies to polymer materials only. If the value for measurement as given in this standard is followed by an equivalent value in other units, the first stated value is to be regarded as the specification. All references to pressure throughout this standard are to be considered gauge pressures, unless otherwise specified.

Single copy price: Free

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

Send comments (with copy to psa@ansi.org) to: david.zimmerman@csagroup.org

CSA (CSA Group)

Reaffirmation

BSR/CSA NGV 3.1/CSA 12.3-2014 (R201x), Fuel System Components for Compressed Natural Gas Powered Vehicles (reaffirmation of ANSI/CSA NGV 3.1/CSA 12.3-2014)

This standard establishes requirements for newly produced compressed natural gas fuel system components, intended for use on natural gas powered vehicles. This standard applies to devices which have a service pressure of either 16 500 kPa (2,400 psi), 20 700 kPa (3,000 psi), or 24 800 kPa (3,600 psi).

Single copy price: Free

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

Order from: david.zimmerman@csagroup.org

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

BSR/CSA NGV 4.2-2014 (R201x), Hoses for Natural Gas Dispensing Systems (reaffirmation of ANSI/CSA NGV 4.2-2014)

Details construction and performance criteria for (1) mechanical and electrical features of newly manufactured systems that dispense natural gas for vehicles (NGV) where such a system is intended primarily to dispense the fuel directly into the fuel storage container of the vehicle, (2) NGV dispensers contained in a single housing, and (3) NGV dispensers contained in multiple housings for metering and registering devices, remote electronics, hoses and nozzles. NGV dispensers covered by this standard are intended for use with gas composition specified by SAE J1616, Recommended Practice for Compressed Natural Gas Vehicle Fuel Composition.

Single copy price: Free

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

Order from: david.zimmerman@csagroup.org

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

BSR/IAS NGV 4.4/CSA 12.54-1999 (R201x), Breakaway Devices for Natural Gas Dispensing Hoses and Systems (reaffirmation of ANSI/IAS NGV 4.4/CSA 12.54-1999 (R2014))

This standard applies to newly produced compressed Natural Gas Vehicle (NGV) dispenser shear valves and fueling hose emergency breakaway shutoff devices, which are intended to minimize the escape of natural gas by automatically shutting off the flow of gas from the dispenser and control the depressurization of the hose, minimize damage to the vehicle and dispenser when a vehicle is driven off with the nozzle attached to the vehicle's fueling receptacle and automatically shut off the flow of gas in the event of a vehicular collision with a fuel dispenser that results in the displacement of the dispenser from its gas supply connection.

Single copy price: Free

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

Order from: david.zimmerman@csagroup.org

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

BSR/IAS NGV 4.6/CSA 12.56-1999 (R201x), Manually Operated Valves for Natural Gas Dispensing Systems (reaffirmation of ANSI/IAS NGV 4.6/CSA 12.56-1999 (R2014))

These requirements apply to manually operated valves for high-pressure natural gas. These requirements do not apply to cylinder shut-off valves.

Single copy price: Free

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

Order from: david.zimmerman@csagroup.org

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

EOS/ESD (ESD Association, Inc.)

New Standard

BSR/ESD SP5.3.3-201x, ESD Association Standard Practice for Electrostatic Discharge Sensitivity Testing - Charged Device Model (CDM) Testing - Component Level - Low-Impedance Contact CDM as an Alternative CDM Characterization Method (new standard)

This standard practice establishes the procedure for testing devices and microcircuits according to their susceptibility (sensitivity) to damage or degradation by exposure to a defined contact CDM electrostatic discharge (ESD). All packaged semiconductor devices, thin film circuits, surface acoustic wave (SAW) devices, optoelectronic devices, hybrid integrated circuits (HICs), and multi-chip modules (MCMs) containing any of these devices can be characterized according to this standard practice.

Single copy price: $105.00 (List)/$75.00 (EOS/ESD Members) [Hard Cover]; $130.00 (List)/$100.00 (EOS/ESD Members) [Soft Cover]

Obtain an electronic copy from: cearl@esda.org

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

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

ITSDF (Industrial Truck Standards Development Foundation, Inc.)

Revision

BSR/ITSDF B56.8-201X, Safety Standard for Personnel and Burden Carriers (revision of ANSI/ITSDF B56.8-2011)

This Standard defines safety requirements relating to the elements of design, operation, and maintenance of powered personnel and burden carriers having three or more wheels, a maximum speed not exceeding 40 km/h (25 mph), and a payload capacity not exceeding 4536 kg (10,000 lb) used for transporting material and/or personnel on indoor and outdoor improved surfaces, but not for use on public roads. This Standard does not include vehicles intended primarily for earth-moving or over-the-road hauling, or unmanned automatic guided vehicles.

Single copy price: Free

Obtain an electronic copy from: info@itsdf.org

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

NASPO (North American Security Products Organization)

New Standard

BSR/NASPO BC-201x, Minimum Security Requirements for United States Birth Certification Documents (new standard)

The scope of this standard is to define minimum security requirements for the design, production, supply chain, and recommendations for issuance of government birth certificates used for official purposes. The standard will not establish requirements for the handling and security of Personally Identifiable Information (PII).

Single copy price: Free

Obtain an electronic copy from: mikeo@naspo.info

Send comments (with copy to psa@ansi.org) to: mikeo@naspo.info

NEMA (ASC C136) (National Electrical Manufacturers Association)

New Standard

BSR C136.42-201x, Standard for Roadway and Area Lighting Equipment - SSL Cobra Head Retrofit Mechanical and Electrical Interchangeability (new standard)

This standard defines the mechanical and electrical requirements for transforming installed HID streetlights to Solid State streetlights.

Single copy price: $30.00

Order from: David.Richmond@nema.org

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

PCI (Precast/Prestressed Concrete Institute)

New Standard

BSR/PCI 128-201x, Specification for Glass-Fiber-Reinforced Concrete Panels (new standard)

This specification provides minimum requirements for the design, manufacture, and installation of glass-fiber-reinforced concrete (GFRC) panels. The primary emphasis is on thin-walled alkali-resistant (AR) GFRC architectural cladding panels with a steel-frame support structure made by the spray-up process in controlled factory conditions.

Single copy price: $60.00 (PCI members); $120.00 (non-members)

Obtain an electronic copy from: esmith@pci.org

Order from: Edith Smith, (312) 360-3219, esmith@pci.org

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

SCTE (Society of Cable Telecommunications Engineers)

Revision

BSR/SCTE 29-201x, Torque Requirements for Bond Wire Penetration of Bonding Set Screw (revision of ANSI/SCTE 29-2012)

This test procedure will determine the torque required for a bonding fastener to penetrate a bonding wire to the appropriate depth. Bonding wire penetration should be 25 +/-1% of wire diameter.

Single copy price: $50.00

Obtain an electronic copy from: admin@standards.scte.org

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

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

SPRI (Single Ply Roofing Industry)

Revision

BSR/SPRI RP-4-201x, Wind Design Standard for Ballasted Single-Ply Roofing Systems (revision of ANSI/SPRI RP-4-2013)

This standard provides a method of designing wind uplift resistance of ballasted single-ply roofing systems. It is intended as a design and installation reference for those individuals who design, specify, and install ballasted single-ply roofing systems. It shall be used in conjunction with the installation specifications and requirements of the manufacturer of the specific products used in the ballasted single-ply roofing system.

Single copy price: Free

Obtain an electronic copy from: Linda King, info@spri.org

Order from: Linda King, (781) 647-7026, info@spri.org

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

TIA (Telecommunications Industry Association)

Reaffirmation

BSR/TIA 1005-A-2012 (R201x), Telecommunications Infrastructure Standard for Industrial Premises (reaffirmation of ANSI/TIA 1005-A-2012)

This Standard specifies telecommunications cabling to support industrial premises applications (e.g., voice, data, text, video, industrial and building controls, security, fire alarm, imaging) while allowing for exposure to the wide range of environmental conditions expected in industrial premises (e.g., temperature, humidity, electrical noise, shock, vibration, corrosive gases, dust, liquids).

Single copy price: $112.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: TIA; standards@tiaonline.org

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

UL (Underwriters Laboratories, Inc.)

New Standard

BSR/UL 2799-201x, Standard for Safety for Standard for Waste Minimization Reporting and Assessment of Zero Waste Operations (new standard)

Covers revisions to the proposed first edition of UL 2799 resulting from comments received.

Single copy price: Free

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

Send comments (with copy to psa@ansi.org) to: Megan Sepper, (847) 664-3411, Megan.M.Sepper@ul.com

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 22-2010 (R201x), Standard for Safety for Amusement and Gaming Machines (reaffirmation of ANSI/UL 22-2010 (R2014))

Reaffirm UL 22 as an American National Standard. UL 22 covers electrical, electronic, and electromechanical commercial amusement and gaming machines and accessories that are intended to be used in accordance with the National Electrical Code, NFPA 70. Amusement and gaming machines as covered by this standard are intended for indoor use only, except that they will be investigated for outdoor use or use in a protected location if so designated by the manufacturer. These requirements do not cover coin-operated sound-recording and -reproducing machines or carnival rides.

Single copy price: Free

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

Send comments (with copy to psa@ansi.org) to: Shannon Turner, (919) 549-1003, Shannon.W.Turner@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1310-201x, Standard for Safety for Class 2 Power Units (revision of ANSI/UL 1310-2017)

The following is proposed: Revision of background color requirements for markings.

Single copy price: Free

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

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

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

This proposal for UL 1776 covers: (1) Rechargeable battery-powered high-pressure cleaning machine requirements; (2) Pressure deviation limit.

Single copy price: Free

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

Send comments (with copy to psa@ansi.org) to: Anne Marie Jacobs, (919) 549-0954, annemarie.jacobs@ul.com

BSR/UL 2431-201X, Standard for Durability of Fire Resistive Coatings and Materials (revision of ANSI/UL 2431-2014)

UL proposes general updates to UL 2431.

Single copy price: Free

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

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

VITA (VMEbus International Trade Association (VITA))

New Standard

BSR/VITA 86-201xx, High Voltage Input Sealed Connector Power Supply (new standard)

This standard defines an environmentally sealed connector pair which is compatible with the backplane footprint as defined in VITA 62.0 for 3U power supplies operating in harsh environments operating off of a high-voltage input.

Single copy price: $25.00

Obtain an electronic copy from: admin@vita.com

Send comments (with copy to psa@ansi.org) to: admin@vita.com

Comment Deadline: January 22, 2019

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

ASME (American Society of Mechanical Engineers)

New National Adoption

BSR/ISO/ASME 14414-201x, Pumping System Energy Assessment (identical national adoption of ISO/ASME 14414-2015 and revision of ANSI/ISO/ASME 14414-2015)

This document sets the requirements for conducting and reporting the results of a pumping system energy assessment (hereafter referenced as "assessment") that considers the entire pumping system, from energy inputs to the work performed as the result of these inputs.

The objective of a pumping system energy assessment is to determine the current energy consumption of an existing system and identify ways to improve system efficiency.

These requirements consist of:

- organizing and conducting an assessment,

- analysing the data from the assessment, and

- reporting and documenting assessment findings.

This document is designed to be applied, to open- and closed-loop pumping systems typically used at industrial, institutional, commercial, and municipal facilities, when requested.

This document is focused on assessing electrically driven pumping systems, which are dominant in most facilities, but is also applicable with other types of drivers, such as steam turbines and engines. The document does not:

(a) specify how to design a pumping system,

(b) give detailed qualifications and expertise required of the person using the International Standard although provides a list of body of knowledge in Annex C,

(c) address the training or certification of persons,

(d) specify how to implement the recommendations developed during the assessment, but does include requirements for an action plan,

(e) specify how to measure and validate the energy savings that result from implementing assessment recommendations,

(f) specify how to make measurements and how to calibrate test equipment used during the assessment,

(g) specify how to estimate the implementation cost or conduct financial analysis for recommendations developed during the assessment,

(h) specify specific steps required for safe operation of equipment during the assessment. The facility personnel in charge of normal operation of the equipment are responsible for ensuring that it is operated safely during the data collection phase of the assessment, and

(i) address issues of intellectual property, security, confidentiality, and safety.

Single copy price: Free

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

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

Send comments (with copy to psa@ansi.org) to: Luis Pulgarin, (212) 591-8184, pulgarinl@asme.org

ASME (American Society of Mechanical Engineers)

Reaffirmation

BSR/ASME POM 101-2013 (R201x), Performance Related Outage Inspections (reaffirmation of ANSI/ASME POM 101-2013)

This Standard provides guidelines for equipment inspections of power plants using fossil fuels during shutdown or outage periods.

Single copy price: $56.00

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

For Reaffirmations and Withdrawn standards, please view our catalog at https://www.asme.org/shop/standards

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

IEEE (Institute of Electrical and Electronics Engineers)

Revision

BSR/IEEE 515-201x, Standard for the Testing, Design, Installation, and Maintenance of Electrical Resistance Trace Heating for Industrial Applications (revision of ANSI/IEEE 515-2011)

This standard provides requirements for the testing, design,installation, and maintenance of electrical resistance trace heating in general industries as applied to pipelines, vessels, pre-traced and thermally insulated instrument tubing and piping, and mechanical equipment. The electrical resistance trace heating is in the form of series trace heaters, parallel trace heaters, and surface heating devices. The requirements also include test criteria to determine the suitability of these heating devices utilized in unclassified (ordinary) locations.

Single copy price: $94.00 (pdf); $117.00 (print)

Obtain an electronic copy from: online: http://standards.ieee.org/store

Order from: online: http://standards.ieee.org/store

Send comments (with copy to psa@ansi.org) to: k.evangelista@ieee.org

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 60730-2-13-201X, Standard for Automatic Electrical Controls - Part 2-13: Particular Requirements for Humidity Sensing Controls (national adoption of IEC 60730-2-13 with modifications and revision of ANSI/UL 60730-2-13-2014)

This standard covers automatic electrical humidity sensing controls for use in, on or in association with equipment for controls for heating, air-conditioning and similar applications. The equipment may use electricity, gas, oil, solid fuel, solar thermal energy, etc. or a combination thereof.

Single copy price: Free

Obtain an electronic copy from: https://www.shopulstandards.com/

Order from: https://www.shopulstandards.com/

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

Projects Withdrawn from Consideration

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

API (American Petroleum Institute)

BSR/API Specification 10A, 25th Edition-201x, Cements and Materials for Well Cementing (national adoption of ISO 10426-1:2009 with modifications and revision of ANSI/API Spec 10A, 24th Edition/ISO 10426-1-2010 (R2015))

Inquiries may be directed to Jacqueline Roueche, (202) 682-8286, RouecheJ@api.org

Call for Members (ANS Consensus Bodies)

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

ASABE (American Society of Agricultural and Biological Engineers)

Office: 2950 Niles Road
Saint Joseph, MI 49085

Contact: *Jean Walsh*

Phone: (269) 932-7027

E-mail: walsh@asabe.org

BSR/ASABE AD22000-201x MONYEAR, Food safety management systems - Requirements for any organization in the food chain (national adoption with modifications of ISO 22000:2018)

ASME (American Society of Mechanical Engineers)

Office: Two Park Avenue
New York, NY 10016-5990

Contact: *Mayra Santiago*

Phone: (212) 591-8521

E-mail: ansibox@asme.org

BSR/ASME POM 101-2013 (R201x), Performance Related Outage Inspections (reaffirmation of ANSI/ASME POM 101-2013)

ASSP (ASC A10) (American Society of Safety Professionals)

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

Contact: *Lauren Bauerschmidt*

Phone: (847) 768-3475

E-mail: LBauerschmidt@assp.org

BSR/ASSP A10.8-201x, Scaffolding Safety Requirements (revision and redesignation of ANSI ASSE A10.8-2011)

BHMA (Builders Hardware Manufacturers Association)

Office: 355 Lexington Avenue, 15th Floor
15th Floor
New York, NY 10017-6603

Contact: *Michael Tierney*

Phone: (860) 944-4264

E-mail: mtierney@kellencompany.com

BSR/BHMA A156.34-201x, Standard for Bored Locks and Mortise Locks with Ligature Resistant Trim (revision of ANSI/BHMA A156.34-2016)

CSA (CSA Group)

Office: 8501 E. Pleasant Valley Road
Cleveland, OH 44131

Contact: *David Zimmerman*

Phone: (216) 524-4990

E-mail: david.zimmerman@csagroup.org

BSR/CSA NGV 3.1/CSA 12.3-2014 (R201x), Fuel System Components for Compressed Natural Gas Powered Vehicles (reaffirmation of ANSI/CSA NGV 3.1/CSA 12.3-2014)

BSR/CSA NGV 4.2-2014 (R201x), Hoses for Natural Gas Dispensing Systems (reaffirmation of ANSI/CSA NGV 4.2-2014)

BSR/IAS NGV 4.4/CSA 12.54-1999 (R201x), Breakaway Devices for Natural Gas Dispensing Hoses and Systems (reaffirmation of ANSI/IAS NGV 4.4/CSA 12.54-1999 (R2014))

BSR/IAS NGV 4.6/CSA 12.56-1999 (R201x), Manually Operated Valves for Natural Gas Dispensing Systems (reaffirmation of ANSI/IAS NGV 4.6/CSA 12.56-1999 (R2014))

EOS/ESD (ESD Association, Inc.)

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

Contact: *Christina Earl*

Phone: (315) 339-6937

E-mail: cearl@esda.org

BSR/ESD SP5.3.3-201x, ESD Association Standard Practice for Electrostatic Discharge Sensitivity Testing - Charged Device Model (CDM) Testing - Component Level - Low-Impedance Contact CDM as an Alternative CDM Characterization Method (new standard)

IICRC (The Institute of Inspection, Cleaning and Restoration Certification)

Office: 4043 South Eastern Avenue
Las Vegas, NV 89119

Contact: *Mili Washington*

Phone: (702) 850-2710

E-mail: mwashington@iicrcnet.org

BSR/IICRC S340-201x, Standard for Professional Cleaning and Maintenance of Leather Furnishings (new standard)

NEMA (ASC C136) (National Electrical Manufacturers Association)

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

Contact: *David Richmond*

Phone: (703) 841-3234

E-mail: David.Richmond@nema.org

BSR C136.42-201x, Standard for Roadway and Area Lighting Equipment - SSL Cobra Head Retrofit Mechanical and Electrical Interchangeability (new standard)

NSF (NSF International)

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

Contact: *Allan Rose*

Phone: (734) 827-3817

E-mail: arose@nsf.org

BSR/NSF 49-201x (i133r2), Biosafety Cabinetry - Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2016)

BSR/NSF 50-201x (i139r2), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2017)

BSR/NSF 50-201x (i143r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2017)

BSR/NSF 457-201X, Sustainability Leadership Standard for Photovoltaic Modules and Inverters (revision of ANSI/NSF 457-2017)

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Suite 115
Peachtree Corners, GA 30092

Contact: *Priscila Briggs*

Phone: (770) 209-7249

E-mail: standards@tappi.org

BSR/TAPPI T 702 om-2014 (R201x), Rheological measurements for characterization of polyolefins: Low-density polyethylene (LDPE) for extrusion coating (reaffirmation of ANSI/TAPPI T 702 om-2014)

TIA (Telecommunications Industry Association)

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

Contact: *Teesha Jenkins*

Phone: (703) 907-7706

E-mail: standards@tiaonline.org

BSR/TIA 1005-A-2012 (R201x), Telecommunications Infrastructure Standard for Industrial Premises (reaffirmation of ANSI/TIA 1005-A -2012)

VITA (VMEbus International Trade Association (VITA))

Office: 929 W. Portobello Avenue
Mesa, AZ 85210

Contact: *Jing Kwok*

Phone: (602) 281-4497

E-mail: jing.kwok@vita.com

BSR/VITA 86-201xx, High Voltage Input Sealed Connector Power Supply (new standard)

Call for Members (ANS Consensus Bodies)

Call for Committee Members

ASC O1 – Safety Requirements for Woodworking Machinery

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

- General Interest
- Government
- Producer
- User

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

Final Actions on American National Standards

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

APSP (Association of Pool & Spa Professionals)

Revision

* ANSI/APSP/ICC-11-2018, Standard for Water Quality in Public Pools and Spas (revision and redesignation of ANSI/APSP-11 2009): 11/7/2018

APTech (ASC B65) (Association for Print Technologies)

Revision

ANSI B65/NAPIM 177.1-2018, Safety standard Three-roll printing ink mills (revision of ANSI B65/NAPIM 177.1-2017): 11/7/2018

ASTM (ASTM International)

New Standard

ANSI/ASTM F3340-2018, Test Method for Thermal Resistance of Camping Mattresses Using a Guarded Hot Plate Apparatus (new standard): 10/23/2018

Reaffirmation

ANSI/ASTM D5813-2004 (R2018), Specification for Cured-In-Place Thermosetting Resin Sewer Piping Systems (reaffirmation of ANSI/ASTM D5813-2004 (R2012)): 10/23/2018

ANSI/ASTM E2523-2013 (R2018), Terminology for Metalworking Fluids and Operations (reaffirmation of ANSI/ASTM E2523-2013): 10/23/2018

ANSI/ASTM F430-2013 (R2018), Specification for Paper Used for Vacuum Cleaner Filter Bags (reaffirmation of ANSI/ASTM F430 -2013): 10/23/2018

ANSI/ASTM F888-2011 (R2018), Test Method for Measuring Maximum Function Volume of the Primary Dirt Receptacle in a Vacuum Cleaner (reaffirmation of ANSI/ASTM F888-2011): 10/23/2018

ANSI/ASTM F1023-2012 (R2018), Specification for Dispensers, Powdered Iced Tea (reaffirmation of ANSI/ASTM F1023-2012): 10/23/2018

ANSI/ASTM F1521-2012 (R2018), Test Methods for Performance of Range Tops (reaffirmation of ANSI/ASTM F1521-2012): 10/23/2018

ANSI/ASTM F1632-2003 (R2018), Test Method for Particle Size Analysis and Sand Shape Grading of Golf Course Putting Green and Sports Field Rootzone Mixes (reaffirmation of ANSI/ASTM F1632-2003 (R2010)): 10/23/2018

ANSI/ASTM F1647-2011 (R2018), Test Methods for Organic Matter Content of Athletic Field Rootzone Mixes (reaffirmation of ANSI/ASTM F1647-2011): 10/23/2018

ANSI/ASTM F1815-2011 (R2018), Test Methods for Saturated Hydraulic Conductivity, Water Retention, Porosity, and Bulk Density of Athletic Field Rootzones (reaffirmation of ANSI/ASTM F1815 -2011): 10/23/2018

ANSI/ASTM F1853-2011 (R2018), Test Method for Measuring Sleeping Bag Packing Volume (reaffirmation of ANSI/ASTM F1853 -2011): 10/23/2018

ANSI/ASTM F1932-1998 (R2018), Test Method for Measuring Sleeping Bag Loft (reaffirmation of ANSI/ASTM F1932-1998 (R2011)): 10/23/2018

ANSI/ASTM F1933-1998 (R2018), Specification for Illustrating the Footprint of a Backpacking or Mountaineering Tent (reaffirmation of ANSI/ASTM F1933-1998 (R2011)): 10/23/2018

ANSI/ASTM F1934-1998 (R2018), Test Method for Weighing a Backpacking or Mountaineering Tent (reaffirmation of ANSI/ASTM F1934-1998 (R2011)): 10/23/2018

ANSI/ASTM F1935-2001 (R2018), Test Method for Measuring the Headroom of a Backpacking or Mountaineering Tent (reaffirmation of ANSI/ASTM F1935-2001 (R2011)): 10/23/2018

ANSI/ASTM F2060-2001 (R2018), Guide for Maintaining Cool Season Turfgrasses on Athletic Fields (reaffirmation of ANSI/ASTM F2060 -2001 (R2011)): 10/23/2018

ANSI/ASTM F2126-2006 (R2018), Test Method for Treestand Static Load Capacity (reaffirmation of ANSI/ASTM F2126-2006 (R2010)): 10/23/2018

ANSI/ASTM F2269-2011 (R2018), Guide for Maintaining Warm Season Turfgrasses on Athletic Fields (reaffirmation of ANSI/ASTM F2269-2011): 10/23/2018

ANSI/ASTM F2270-2012 (R2018), Guide for Construction and Maintenance of Warning Track Areas on Athletic Fields (reaffirmation of ANSI/ASTM F2270-2012 (R2018)): 10/23/2018

ANSI/ASTM F2432-2012 (R2018), Specification for Ice Making Machines, Icemaker-Dispensers, and Ice Dispensing Equipment (reaffirmation of ANSI/ASTM F2432-2012): 10/23/2018

ANSI/ASTM F2990-2012 (R2018), Test Method for Commercial Coffee Brewers (reaffirmation of ANSI/ASTM F2990-2012): 10/23/2018

ANSI/ASTM F3013-2013 (R2018), Test Method for Density of Topsoil and Blended Soils In-place by the Core Displacement Method (reaffirmation of ANSI/ASTM F3013-2013): 10/23/2018

Revision

ANSI/ASTM D4803-2018, Test Method for Predicting Heat Buildup in PVC Building Products (revision of ANSI/ASTM D4803-2010 (R2018)): 10/23/2018

ANSI/ASTM E2563-2018, Practice for Enumeration of Non-Tuberculosis Mycobacteria in Aqueous Metalworking Fluids by Plate Count Method (revision of ANSI/ASTM E2563-2013): 10/23/2028

ANSI/ASTM E2564-2018, Practice for Enumeration of Mycobacteria in Metalworking Fluids by Direct Microscopic Counting (DMC) Method (revision of ANSI/ASTM E2564-2013): 10/23/2018

ANSI/ASTM F558-2018, Test Method for Measuring Air Performance Characteristics of Vacuum Cleaners (revision of ANSI/ASTM F558 -2017): 10/23/2018

ANSI/ASTM F645-2018a, Guide for Selection, Design, and Installation of Thermoplastic Water-Pressure Piping Systems (revision of ANSI/ASTM F645-2018): 11/1/2018

ANSI/ASTM F820-2018, Test Method for Measuring Air Performance Characteristics of Central Vacuum Cleaning Systems (revision of ANSI/ASTM F820-2017): 10/23/2018

ANSI/ASTM F1334-2018, Test Method for Determining A-Weighted Sound Power Level of Vacuum Cleaners (revision of ANSI/ASTM F1334-2014): 10/23/2018

ANSI/ASTM F2105-2018, Test Method for Measuring Air Performance Characteristics of Vacuum Cleaner Motor/Fan Systems (revision of ANSI/ASTM F2105-2017): 10/23/2018

ANSI/ASTM F2397-2018, Specification for Protective Headgear Used in Martial Arts (revision of ANSI/ASTM F2397-2009 (R2015)): 10/23/2018

ANSI/ASTM F2988-2018, Specification for Commercial Coffee Brewers (revision of ANSI/ASTM F2988-2012): 10/23/2018

ANSI/ASTM F3123-2018a, Specification for Metric Outside Diameter Polyethylene (PE) Plastic Pipe (DR-PN) (revision of ANSI/ASTM F3123-2018): 11/1/2018

ESTA (Entertainment Services and Technology Association)

New Standard

ANSI E1.51-2018, Selection, Installation, and Use of Single-Conductor Portable Power Feeder Cable Systems for Use at 600 Volts Nominal or Less for the Distribution of Electrical Energy in the Television, Film, Live Performance and Event Industries in Canada (new standard): 11/7/2018

Revision

ANSI E1.31-2018, Entertainment Technology - Lightweight streaming protocol for transport of DMX512 using ACN (revision of ANSI E1.31 -2016): 11/7/2018

MSS (Manufacturers Standardization Society)

Revision

ANSI/MSS SP-114-2018, Corrosion Resistant Pipe Fittings, Threaded and Socket-Welding, Class 150 and 1000 (revision of ANSI/MSS SP -114-2007): 11/16/2018

UL (Underwriters Laboratories, Inc.)

Revision

ANSI/UL 2443-2018, Standard for Flexible Sprinkler Hose with Fittings for Fire Protection Service (revision of ANSI/UL 2443-2016): 11/16/2018

Project Initiation Notification System (PINS)

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

Following is a list of proposed actions and new ANS that have been received recently from ASDs. Please also review the section in Standards Action entitled "American National Standards Maintained Under Continuous Maintenance" for additional or comparable information with regard to standards maintained under the continuous maintenance option. Use the following Public Document Library url to access PDF & EXCEL reports of approved & proposed ANS: List of Approved and Proposed ANS

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

ABYC (American Boat and Yacht Council)

Contact: Sara Moulton, (410) 990-4460, smoulton@abycinc.org
613 Third Street, Suite 10, Annapolis, MD 21403

New Standard

BSR/ABYC S-33-201x, On-Water Engine Emissions Testing (new standard)

Stakeholders: Surveyors, consumers, insurance personnel, boat manufacturers, engine manufacturers, accessory manufacturers, government, service specialists, and trade associations.

Project Need: This industry conformity standard establishes methods for the collection of on-water exhaust emissions from marine spark ignition (SI) engines.

This standard is applicable to 2013 and later marine spark ignition (SI) propulsion engines with engine ECU outputs of torque, and RPM capabilities per 40 CFR1045.115b.

Revision

BSR/ABYC P-28-201x, Electric/Electronic Propulsion and Steering Control Systems (revision, redesignation and consolidation of ANSI/ABYC A-24-2015, ANSI/ABYC A-27-2016)

Stakeholders: Surveyors, consumers, insurance personnel, boat manufacturers, engine manufacturers, accessory manufacturers, government, service specialists, and trade associations.

Project Need: This standard is a guide for the design, construction, testing, and installation of electric/electronic remote control systems of steering, forward and reverse thrust, speed, and trim/tilt of propulsion machinery on boats.

This standard applies to electric/electronic remote control systems for steering equipment and propulsion machinery on boats through physically connected and wireless means, and to the marking and orientation of the controls.

ASABE (American Society of Agricultural and Biological Engineers)

Contact: Jean Walsh, (269) 932-7027, walsh@asabe.org
2950 Niles Road, Saint Joseph, MI 49085

New National Adoption

BSR/ASABE AD22000-201x MONYEAR, Food safety management systems - Requirements for any organization in the food chain (national adoption with modifications of ISO 22000:2018)

Stakeholders: Food certification bodies, companies in the food chain seeking certification, consultants and academics teaching the standard.

Project Need: Provide for a national standard for food safety management, improve the readability of the ISO standard for American users and correct mistakes and inconsistencies presented in the original international version.

Food safety is related to the presence of food safety hazards at the time of consumption (intake by the consumer). Food safety hazards can occur at any stage of the food chain. Therefore, adequate control throughout the food chain is essential. Food safety is ensured through the combined efforts of all the parties in the food chain. This document specifies the requirements for a FSMS that combines the following generally recognized key elements: interactive communication, system management, prerequisite programs, hazard analysis, and critical control point (HACCP) principles.

ASTM (ASTM International)

Contact: Laura Klineburger, (610) 832-9696, accreditation@astm.org
100 Barr Harbor Drive, West Conshohocken, PA 19428-2959

New Standard

BSR/ASTM WK65764-201x, Reinstatement of F1734-03 (2009), Standard Practice for Qualification of a Combination of Squeeze Tool, Pipe, and Squeeze-Off Procedures to Avoid Long-Term Damage in Polyethylene (PE) Gas Pipe (new standard)

Stakeholders: Gas industry.

Project Need: This practice is appropriate for any combination of squeeze tool, PE gas pipe, and squeeze-off procedure, and is particularly appropriate for pre-1975 Polyethylene (PE) pipe, and for pipe sizes of 8 in. or above, because of a greater possibility of long-term damage.

This practice covers qualifying a combination of a squeeze tool, a polyethylene gas pipe, and a squeeze-off procedure to avoid long-term damage in polyethylene gas pipe.

BSR/ASTM WK65799-201x, New Specification for Environmental Evaluation of Synthetic Turf Infill (new standard)

Stakeholders: Artificial Turf Surfaces and Systems industry.

Project Need: We are opening a collaboration group to provide pertinent information gathered by task group members as it is released by the environmental agencies.

There are activities in U.S. and European environmental agencies that may require users of synthetic turf to test their infill materials.

CSA (CSA Group)

Contact: David Zimmerman, (216) 524-4990, david.zimmerman@csagroup.org
8501 E. Pleasant Valley Road, Cleveland, OH 44131

New Standard

BSR/CSA HGV 4.9-201x, Hydrogen Fueling Stations (new standard)

Stakeholders: Consumers, manufacturers, gas suppliers, certification agencies.

Project Need: Develop the standard for safety and include new technology.

This standard specifies the characteristics of outdoor public and non-public fueling Hydrogen Fueling Stations (HFS) that dispenses gaseous hydrogen used as fuel to fill land vehicles equipped with an onboard CSA HGV 2 compressed hydrogen storage container (s). The HFS is defined as an integration of hydrogen supply, compression, storage, and dispensing subsystems. HFS performance is measured at the dispenser nozzle outlet: the interface between the station and vehicle.

Revision

BSR/CSA HGV 4.1-201x, Hydrogen Dispensing Systems (revision of ANSI/CSA HGV 4.1-2013)

Stakeholders: Consumers, manufacturers, gas suppliers, certification agencies.

Project Need: Revise the standard for safety and update for new technology.

This standard details mechanical and electrical requirements for newly manufactured systems that dispense hydrogen gas for vehicles, intended primarily to dispense fuel directly into the vehicle fuel storage container. Each dispenser may have the capability of independently fueling more than one vehicle simultaneously. This standard does not apply to the nozzle, vehicle-to-station communication. compression and ancillary equipment, hydrogen gas storage containers, vehicle fueling appliances for HGV remote station or Kiosk consoles and remote sequencing equipment, and other remote equipment not supplied as part of the dispenser.

HL7 (Health Level Seven)

Contact: Karen Van Hentenryck, (734) 677-7777, Karenvan@HL7.org
3300 Washtenaw Avenue, Suite 227, Ann Arbor, MI 48104

Withdrawal

ANSI/HL7 IDMP DOSE, R1-2014, Health Informatics - Identification of Medicinal Products - Data Elements and Structures for Unique Identification and Exchange of Regulated Information on Pharmaceutical Dose Forms, Units of Presentation and Routes of Administration, Release 1 (withdrawal of ANSI/HL7 IDMP DOSE, R1-2014)

Stakeholders: Pharma.

Project Need: This standard is not current. Implementers are using the ISO version, which has been kept up to date

There are several approaches for expressing Pharmaceutical Dose Forms in medicinal products. It is necessary to establish a standard that can be used as an international reference for terms, term definitions, and term identifiers. The standard should provide data structures for mapping and translations of terms and definitions that are currently being applied. This will help ensure consistency of Pharmaceutical Dose Forms across the drug regulatory, pharmacovigilance, and healthcare environments, thus helping the adoption of the new standard without impacting on existing approaches.

ANSI/HL7 IDMP MPID, R1-2014, Health Informatics - Identification of Medicinal Products - Data Elements and Structures for Unique Identification and Exchange of Regulated Medicinal Product Information, Release 1 (withdrawal of ANSI/HL7 IDMP MPID, R1-2014)

Stakeholders: Pharma.

Project Need: The standard is no longer current. Implementers are using the ISO standard, which has been updated.

This standard provides a mechanism to enable the management and exchange of information uniquely identifying a medicinal product, regardless of whether the medicinal product is developed, manufactured, or authorized, to be exchanged between stakeholders. Information enabling the identification of a medicinal product can then be made available as between regulators and to all other interested stakeholders.

ANSI/HL7 IDMP PHPID, R1-2014, Health Informatics - Identification of Medicinal Products - Data Elements and Structures for Unique Identification and Exchange of Regulated Pharmaceutical Product Information, Release 1 (withdrawal of ANSI/HL7 IDMP PHPID, R1-2014)

Stakeholders: Pharma.

Project Need: This document is not current. Implementers are using the ISO standard, which has been kept up to date.

In the context of the regulation of medicinal products, a mechanism is needed to uniquely identify a pharmaceutical product with certainty in any domain. This will enable regulatory, pharmacovigilance, and healthcare activities, inter alia, to be undertaken with increased efficiency and certainty, thereby contributing to improved protection of public health. This standard provides a mechanism to manage and exchange this information between stakeholders. Information enabling the identification of pharmaceutical products can then be made available as between regulators, and to all other interested stakeholders.

ANSI/HL7 IDMP SUBSTID, R1-2014, Health Informatics - Identification of Medicinal Products - Data Elements and Structures for Unique Identification and Exchange of Regulated Information on Substances, Release 1 (withdrawal of ANSI/HL7 IDMP SUBSTID, R1-2014)

Stakeholders: Pharma.

Project Need: This document is no longer up to date. Implementers are using the ISO version, which has been updated.

In the context of the regulation of medicinal products, it is necessary to have a mechanism to uniquely identify substances and specified substances with certainty in any domain. This will enable regulatory, pharmacovigilance, and healthcare activities, inter alia, to be undertaken with increase efficiency and certainty, improving protection of public health. The scope of substances and specified substances goes beyond medicinal products to include dietary supplements, food, cosmetics, and, for purpose of veterinary activities, substances to which animals are exposed. This information can then be made available as between regulators and to all other stakeholders.

IICRC (The Institute of Inspection, Cleaning and Restoration Certification)

Contact: Mili Washington, (702) 850-2710, mwashington@iicrcnet.org
4043 South Eastern Avenue, Las Vegas, NV 89119

New Standard

BSR/IICRC S340-201x, Standard for Professional Cleaning and Maintenance of Leather Furnishings (new standard)

Stakeholders: Professional cleaners, furnishings manufacturers, retailers, distributors, industry suppliers, specifiers, homeowners, property or facility managers, housekeepers, insurance companies, and others.

Project Need: S340 establishes a procedural standard for professionally cleaning and maintaining leather furnishings.

This standard establishes a procedural standard for the professional cleaning and maintenance of leather furnishings. It is intended for use by professional cleaners, upholstery manufacturers, retailers, distributors, industry suppliers, specifiers, homeowners, property or facility managers, housekeepers and insurance companies, and others. Factors that will be considered include, but are not limited to, the leather type, color, style, construction, and use. These dictate the specific cleaning systems and methods to be used. It is based on reliable cleaning principles, review of available scientific and industry literature, and information and practical experience.

NFPA (National Fire Protection Association)

Contact: Dawn Michele Bellis, (617) 984-7246, dbellis@nfpa.org
One Batterymarch Park, Quincy, MA 02169

Revision

BSR/NFPA 13-201x, Standard for the Installation of Sprinkler Systems (revision of ANSI/NFPA 13-2019)

Stakeholders: Insurance, consumer, enforcing authority, labor, installers/maintainers, special experts, research & testing, users, manufacturers.

Project Need: Public interest and need.

This standard shall provide the minimum requirements for the design and installation of automatic fire sprinkler systems and exposure protection sprinkler systems covered within this standard. This standard shall not provide requirements for the design or installation of water mist fire protection systems. Water mist fire protection systems shall not be considered fire sprinkler systems. The design and installation of water mist fire protection systems shall comply with NFPA 750. This standard is written with the assumption that the sprinkler system shall be designed to protect against a single fire originating within the building.

BSR/NFPA 13D-201x, Standard for the Installation of Sprinkler Systems in One- and Two-Family Dwellings and Manufactured Homes (revision of ANSI/NFPA 13D-2019)

Stakeholders: Insurance, consumer, enforcing authority, labor, installers/maintainers, special experts, research & testing, users, manufacturers.

Project Need: Public interest and need.

This standard shall cover the design, installation, and maintenance of automatic sprinkler systems for protection against the fire hazards in one- and two-family dwellings and manufactured homes. This standard shall not provide requirements for the design or installation of water mist fire protection systems, which are not considered fire sprinkler systems and are addressed by NFPA 750. This standard shall be based on the concept that the sprinkler system is designed to protect against a fire originating from a single ignition location.

BSR/NFPA 13R-201x, Standard for the Installation of Sprinkler Systems in Low-Rise Residential Occupancies (revision of ANSI/NFPA 13R-2019)

Stakeholders: Insurance, consumer, enforcing authority, labor, installers/maintainers, special experts, research & testing, users, manufacturers.

Project Need: Public interest and need.

This standard shall cover the design and installation of automatic sprinkler systems for protection against fire hazards in residential occupancies up to and including four stories in height that are located in buildings not exceeding 60 ft (18 m) in height above grade plane. This standard shall be based on the concept that the sprinkler system is designed to protect against a fire originating from a single ignition location. This standard shall not provide requirements for the design or installation of water mist fire protection systems, which are not considered fire sprinkler systems and are addressed by NFPA 750.

BSR/NFPA 24-201x, Standard for the Installation of Private Fire Service Mains and Their Appurtenances (revision of ANSI/NFPA 24 -2019)

Stakeholders: Insurance, consumer, enforcing authority, labor, installers/maintainers, special experts, research & testing, users, manufacturers.

Project Need: Public interest and need.

This standard shall cover the minimum requirements for the installation of private fire service mains and their appurtenances, which include supplying the following: (1) Automatic sprinkler systems, (2) Open sprinkler systems, (3) Water spray fixed systems, (4) Foam systems, (5) Private hydrants, (6) Monitor nozzles or standpipe systems with reference to water supplies, and (7) Hose houses. This standard shall apply to combined service mains intended to carry water for fire service and other uses. This standard shall not apply to the following situations: (1) Mains under the control of a water utility and (2) Mains providing fire protection and/or domestic water that are privately owned but are operated as a water utility.

BSR/NFPA 30B-201x, Code for the Manufacture and Storage of Aerosol Products (revision of ANSI/NFPA 30B-2019)

Stakeholders: Insurance, consumer, enforcing authority, labor, installers/maintainers, special experts, research & testing, users, manufacturers.

Project Need: Public interest and need.

This code shall apply to the manufacture, storage, and display of aerosol products as defined in this standard.

BSR/NFPA 40-201x, Standard for the Storage and Handling of Cellulose Nitrate Film (revision of ANSI/NFPA 40-2019)

Stakeholders: Insurance, consumer, enforcing authority, labor, installers/maintainers, special experts, research & testing, users, manufacturers.

Project Need: Public interest and need.

This standard shall apply to all facilities that are involved with the storage and handling of cellulose-nitrate–based film.

BSR/NFPA 51B-201x, Standard for Fire Prevention during Welding, Cutting, and Other Hot Work (revision of ANSI/NFPA 51B-2019)

Stakeholders: Insurance, consumer, enforcing authority, labor, installers/maintainers, special experts, research & testing, users, manufacturers.

Project Need: Public interest and need.

This standard shall cover provisions to prevent injury, loss of life, and loss of property from fire or explosion as a result of hot work. Installation and operation of arc cutting and welding equipment and operation of gas cutting and welding equipment shall be in accordance with ANSI Z49.1, Safety in Welding, Cutting, and Allied Processes.

BSR/NFPA 72-201x, National Fire Alarm and Signaling Code (revision of ANSI/NFPA 72-2019)

Stakeholders: Insurance, consumer, enforcing authority, labor, installers/maintainers, special experts, research & testing, users, manufacturers.

Project Need: Public interest and need.

NFPA 72 covers the application, installation, location, performance, inspection, testing, and maintenance of fire alarm systems, supervising station alarm systems, public emergency alarm reporting systems, fire and carbon monoxide detection and warning equipment, and emergency communications systems (ECS), and their components. The provisions of this chapter apply throughout the Code unless otherwise noted. For the purposes of carbon-monoxide detection, this standard is primarily concerned with life safety, not property protection.

BSR/NFPA 77-201x, Recommended Practice on Static Electricity (revision of ANSI/NFPA 77-2019)

Stakeholders: Insurance, consumer, enforcing authority, labor, installers/maintainers, special experts, research & testing, users, manufacturers.

Project Need: Public interest and need.

This recommended practice applies to the identification, assessment, and control of static electricity for purposes of preventing fires and explosions.

BSR/NFPA 80-201x, Standard for Fire Doors and Other Opening Protectives (revision of ANSI/NFPA 80-2019)

Stakeholders: Insurance, consumer, enforcing authority, labor, installers/maintainers, special experts, research & testing, users, manufacturers.

Project Need: Public interest and need.

This standard regulates the installation and maintenance of assemblies and devices used to protect openings in walls, floors, and ceilings against the spread of fire and smoke within, into, or out of buildings. With the exception of fabric fire safety curtain assemblies, this standard addresses assemblies that have been subjected to standardized fire tests. (See Chapter 20.) Incinerator doors, record room doors, and vault doors are not covered in this standard. Requirements for horizontally sliding, vertically sliding, and swinging doors as used in this standard do not apply to hoistway doors for elevators and dumbwaiters.

BSR/NFPA 86-201x, Standard for Ovens and Furnaces (revision of ANSI/NFPA 86-2019)

Stakeholders: Insurance, consumer, enforcing authority, labor, installers/maintainers, special experts, research & testing, users, manufacturers.

Project Need: Public interest and need.

This standard shall apply to Class A, Class B, Class C, and Class D ovens, dryers, and furnaces; thermal oxidizers; and any other heated systems and related equipment used for processing of materials.

BSR/NFPA 88A-201x, Standard for Parking Structures (revision of ANSI/NFPA 88A-2019)

Stakeholders: Insurance, consumer, enforcing authority, labor, installers/maintainers, special experts, research & testing, users, manufacturers.

Project Need: Public interest and need.

This standard shall cover the construction and protection of, as well as the control of hazards in, open and enclosed parking structures. This standard shall not apply to one- and two-family dwellings.

BSR/NFPA 101A-201x, Guide on Alternative Approaches to Life Safety (revision of ANSI/NFPA 101A-2019)

Stakeholders: Insurance, consumer, enforcing authority, labor, installers/maintainers, special experts, research & testing, users, manufacturers.

Project Need: Public interest and need.

This guide consists of a number of alternative approaches to life safety. Each chapter is a different system independent of the others and is to be used in conjunction with the 2015 edition of NFPA 101. This edition of NFPA 101A contains alternative approaches that are tied to NFPA 101. Each of these systems is recognized by the Life Safety Code, in its Annex A, as a method that can be used to assist the authority having jurisdiction in determining equivalent compliance with various chapters of the Code. The method described in this guide is an index method. Index methods are a type of qualitative risk assessment. Quantitative risk assessments can also be used to evaluate designs that are proposed as alternative approaches to life safety.

BSR/NFPA 105-201x, Standard for Smoke Door Assemblies and Other Opening Protectives (revision of ANSI/NFPA 105-2019)

Stakeholders: Insurance, consumer, enforcing authority, labor, installers/maintainers, special experts, research & testing, users, manufacturers.

Project Need: Public interest and need.

This standard shall prescribe minimum requirements for smoke door assemblies for use in providing safety to life and protection of property from smoke.

BSR/NFPA 110-201x, Standard for Emergency and Standby Power Systems (revision of ANSI/NFPA 110-2019)

Stakeholders: Insurance, consumer, enforcing authority, labor, installers/maintainers, special experts, research & testing, users, manufacturers.

Project Need: Public interest and need.

This standard contains requirements covering the performance of emergency and standby power systems providing an alternate source of electrical power to loads in buildings and facilities in the event that the primary power source fails. Power systems covered in this standard include power sources, transfer equipment, controls, supervisory equipment, and all related electrical and mechanical auxiliary and accessory equipment needed to supply electrical power to the load terminals of the transfer equipment. This standard covers installation, maintenance, operation, and testing requirements as they pertain to the performance of the emergency power supply system (EPSS).

BSR/NFPA 150-201x, Fire and Life Safety in Animal Housing Facilities Code (revision of ANSI/NFPA 150-2019)

Stakeholders: Insurance, consumer, enforcing authority, labor, installers/maintainers, special experts, research & testing, users, manufacturers.

Project Need: Public interest and need.

This Code shall provide the minimum requirements for the design, construction, fire protection, and classification of animal housing facilities. Animal housing facilities shall be designed, constructed, and maintained in accordance with the adopted building, fire, and life safety codes and the requirements in this standard. Where requirements of this Code differ from the adopted fire prevention, life safety, and building codes, the requirements of this Code shall govern the protection of the animal occupants and animal handlers.

BSR/NFPA 241-201x, Standard for Safeguarding Construction, Alteration, and Demolition Operations (revision of ANSI/NFPA 241 -2019)

Stakeholders: Insurance, consumer, enforcing authority, labor, installers/maintainers, special experts, research & testing, users, manufacturers.

Project Need: Public interest and need.

This standard shall apply to structures in the course of construction, alteration, or demolition, including those in underground locations.

BSR/NFPA 260-201x, Standard Methods of Tests and Classification System for Cigarette Ignition Resistance of Components of Upholstered Furniture (revision of ANSI/NFPA 260-2019)

Stakeholders: Insurance, consumer, enforcing authority, labor, installers/maintainers, special experts, research & testing, users, manufacturers.

Project Need: Public interest and need.

The tests described in this document apply to upholstered furniture components that are tested in a standard, defined composite. These tests shall apply to cover fabrics, interior fabrics, welt cords, decking materials, barrier materials, and filling/padding materials including, but not limited to, battings of natural or man-made fibers, foamed or cellular filling materials, resilient pads of natural or man-made fibers, and loose particulate filling materials such as shredded polyurethane foam or feathers and down.

BSR/NFPA 289-201x, Standard Method of Fire Test for Individual Fuel Packages (revision of ANSI/NFPA 289-2019)

Stakeholders: Insurance, consumer, enforcing authority, labor, installers/maintainers, special experts, research & testing, users, manufacturers.

Project Need: Public interest and need.

This standard describes a fire test method for determining the fire test response characteristics of individual fuel packages when exposed to various ignition sources. This fire test method is applicable to individual fuel packages. This fire test method is not intended to evaluate fire resistance. This standard contains detailed descriptions of three types of individual fuel packages to be investigated, as follows: (1) Single decorative object, (2) Exhibit booth, and (3) Stage setting. This test method shall not be used as an alternate compliance test for items for which there is an existing full-scale heat release test such as seating furniture, mattresses, stacking chairs, interior finish, textile wall coverings, or mattress sets. When tests are conducted for the purpose of forensic fire reconstruction, or research, this test standard shall apply to any individual fuel package.

BSR/NFPA 306-201x, Standard for the Control of Gas Hazards on Vessels (revision of ANSI/NFPA 306-2019)

Stakeholders: Insurance, consumer, enforcing authority, labor, installers/maintainers, special experts, research & testing, users, manufacturers.

Project Need: Public interest and need.

This standard applies to vessels that carry or burn as fuel, flammable or combustible liquids, flammable compressed gases, flammable cryogenic liquids, chemicals in bulk, or other products capable of creating a hazardous condition.

BSR/NFPA 400-201x, Hazardous Materials Code (revision of ANSI/NFPA 400-2019)

Stakeholders: Insurance, consumer, enforcing authority, labor, installers/maintainers, special experts, research & testing, users, manufacturers.

Project Need: Public interest and need.

This code shall apply to the storage, use, and handling of the following hazardous materials in all occupancies and facilities: (1) Ammonium nitrate solids and liquids; (2) Corrosive solids and liquids; (3) Flammable solids; (4) Organic peroxide formulations; (5) Oxidizer - solids and liquids; (6) Pyrophoric solids and liquids; (7) Toxic and highly toxic solids and liquids; (8) Unstable (reactive) solids and liquids; (9) Water-reactive solids and liquids; and (10) Compressed gases and cryogenic fluids as included within the context of NFPA 55.

BSR/NFPA 484-201x, Standard for Combustible Metals (revision of ANSI/NFPA 484-2019)

Stakeholders: Insurance, consumer, enforcing authority, labor, installers/maintainers, special experts, research & testing, users, manufacturers.

Project Need: Public interest and need.

This standard provides requirements for the production, processing, finishing, handling, recycling, storage, and use of all metals and alloys that are in a form that is capable of combustion or explosion.

BSR/NFPA 551-201x, Guide for the Evaluation of Fire Risk Assessments (revision of ANSI/NFPA 551-2019)

Stakeholders: Insurance, consumer, enforcing authority, labor, installers/maintainers, special experts, research & testing, users, manufacturers.

Project Need: Public interest and need.

This guide is intended to provide assistance, primarily to authorities having jurisdiction (AHJs), in evaluating the appropriateness and execution of a fire risk assessment (FRA) for a given fire safety problem. While this guide primarily addresses regulatory officials, it also is intended for others who review FRAs, such as insurance company representatives and building owners.

BSR/NFPA 610-201x, Guide for Emergency and Safety Operations at Motorsports Venues (revision of ANSI/NFPA 610-2018)

Stakeholders: Insurance, consumer, enforcing authority, labor, installers/maintainers, special experts, research & testing, users, manufacturers.

Project Need: Public interest and need.

This standard applies to vessels that carry or burn as fuel, flammable or combustible liquids, flammable compressed gases, flammable cryogenic liquids, chemicals in bulk, or other products capable of creating a hazardous condition.

BSR/NFPA 652-201x, Standard on the Fundamentals of Combustible Dust (revision of ANSI/NFPA 652-2019)

Stakeholders: Insurance, consumer, enforcing authority, labor, installers/maintainers, special experts, research & testing, users, manufacturers.

Project Need: Public interest and need.

This standard shall provide the basic principles of and requirements for identifying and managing the fire and explosion hazards of combustible dusts and particulate solids.

BSR/NFPA 1001-201x, Standard for Fire Fighter Professional Qualifications (revision of ANSI/NFPA 1001-2019)

Stakeholders: Insurance, consumer, enforcing authority, labor, installers/maintainers, special experts, research & testing, users, manufacturers.

Project Need: Public interest and need.

This standard identifies the minimum job performance requirements (JPRs) for Fire Fighter I and Fire Fighter II professional qualifications.

BSR/NFPA 1221-201x, Standard on Installation, Maintenance, and Use of Emergency Services Communications Systems (revision of ANSI/NFPA 1221-2019)

Stakeholders: Insurance, consumer, enforcing authority, labor, installers/maintainers, special experts, research & testing, users, manufacturers.

Project Need: Public interest and need.

This standard shall cover the installation, performance, operation, and maintenance of public emergency services communications systems and facilities. This standard shall not be used as a design specification manual or an instruction manual.

BSR/NFPA 1730-201x, Standard on Organization and Deployment of Fire Prevention Inspection and Code Enforcement, Plan Review, Investigation, and Public Education Operations (revision of ANSI/NFPA 1730-2019)

Stakeholders: Insurance, consumer, enforcing authority, labor, installers/maintainers, special experts, research & testing, users, manufacturers.

Project Need: Public interest and need.

This standard contains minimum requirements relating to the organization and deployment of fire prevention inspection and code enforcement, plan review, investigation, and public education operations. The requirements address functions and objectives of fire prevention organization (FPO) service delivery, capability, and resources. This standard contains the minimum requirements of a community risk assessment (CRA), adequate program selection, management of resources, records management, training, communications, and health and safety. This standard addresses the strategic and policy issues involving the organization and deployment of fire-prevention programs and does not address methods for carrying out specific fire-prevention services, activities, and programs.

BSR/NFPA 1852-201x, Standard on Selection, Care, and Maintenance of Open-Circuit Self-Contained Breathing Apparatus (SCBA) (revision of ANSI/NFPA 1852-2019)

Stakeholders: Insurance, consumer, enforcing authority, labor, installers/maintainers, special experts, research & testing, users, manufacturers.

Project Need: Public interest and need.

This standard shall specify minimum requirements for the selection, care, and maintenance of open-circuit self-contained breathing apparatus (SCBA) and combination SCBA/supplied air respirator (SAR) that are used for respiratory protection during emergency or tactical or technical operations, in environments where the atmosphere is immediately dangerous to life and health (IDLH) or could become oxygen deficient or IDLH. This standard shall specify the requirements for SCBA models as detailed in Section 1.3 of this chapter. For fire departments, this standard shall specify the requirements for the SCBA selection, care, and maintenance component of the respiratory protection program required in Section 7.10 of NFPA 1500.

BSR/NFPA 1917-201x, Standard for Automotive Ambulances (revision of ANSI/NFPA 1917-2019)

Stakeholders: Insurance, consumer, enforcing authority, labor, installers/maintainers, special experts, research & testing, users, manufacturers.

Project Need: Public interest and need.

This standard shall define the minimum requirements for the design, performance, and testing of new and remounted automotive ambulances used for out-of-hospital medical care and patient transport.

BSR/NFPA 1981-201x, Standard on Open-Circuit Self-Contained Breathing Apparatus (SCBA) for Emergency Services (revision of ANSI/NFPA 1981-2019)

Stakeholders: Insurance, consumer, enforcing authority, labor, installers/maintainers, special experts, research & testing, users, manufacturers.

Project Need: Public interest and need.

This standard shall specify the minimum requirements for the design, performance, testing, and certification of new compressed breathing air open-circuit self-contained breathing apparatus (SCBA) and compressed breathing air combination open-circuit self-contained breathing apparatus and supplied-air respirators (SCBA/SARs) and for the replacement parts, components, and accessories for these respirators. This edition of the standard shall also specify the minimum requirements for the design, performance and testing of replacement parts, components, and add-on accessories for SCBA and combination SCBA/SARs certified as compliant to earlier editions of this standard.

BSR/NFPA 1989-201x, Standard on Breathing Air Quality for Emergency Services Respiratory Protection (revision of ANSI/NFPA 1989-2019)

Stakeholders: Insurance, consumer, enforcing authority, labor, installers/maintainers, special experts, research & testing, users, manufacturers.

Project Need: Public interest and need.

This standard shall specify the minimum requirements for breathing-air quality for emergency services organizations that use atmosphere-supplying respirators for the respiratory protection of their personnel. This standard shall specify the requirements for the breathing-air quality component of the respiratory protection program of any emergency services organization. For fire departments, this standard shall specify the requirements for the breathing-air quality component of the respiratory protection program required by NFPA 1500.

NSF (NSF International)

Contact: Andrea Burr, (734) 913-5794, aburr@nsf.org
789 N. Dixboro Road, Ann Arbor, MI 48105-9723

Revision

BSR/NSF 457-201X, Sustainability Leadership Standard for Photovoltaic Modules and Inverters (revision of ANSI/NSF 457-2017)

Stakeholders: Industry, users, and public health/regulatory.

Project Need: Increased awareness and procurement programs are emerging, requiring conformance with a variety of sustainability criteria. This project is needed to attain a consensus standard on what constitutes sustainability leadership for photovoltaic modules and inverters.

This is a sustainability leadership standard for photovoltaic modules and inverters. This standard addresses multiple sustainability attributes and performance areas throughout the product lifecycle such as reduction of substances of concern; preferable materials use; energy efficiency and greenhouse gas reduction; design for end-of-life; product longevity; responsible end-of-life management; and corporate responsibility, including emissions reporting and transparency, as well as workers' rights, health, and safety.

SERI (Sustainable Electronics Recycling International)

Contact: Sharada Rao, (248) 891-2837, sharada@sustainableelectronics.org
P.O. Box 19611, Boulder, CO 80308

New Standard

BSR/SERI R2-V3-201x, Responsible Reuse and Recycling (R2) Standard for Used Electronics (new standard)

Stakeholders: The key stakeholder groups that will be influenced by the changes in the standard include: recyclers, customers/users of recycling services, regulatory and procurement agencies, manufacturers of electronic equipment, downstream vendors of recyclers, and international trade experts.

Project Need: Certification to R2 allows electronics recyclers to highlight their value to customers, employees, their community, and the public. Changes are being made to address the diversity and complexities of the industry.

The R2 Standard establishes responsible practices for the reuse and recycling of used electronics globally. By certifying to this Standard through an accredited third-party Certification Body, electronics recyclers can help prospective purchasers of their services (customers) make informed decisions and have increased confidence that used and end-of-life electronic equipment are managed in an environmentally responsible manner, protective of the health and safety of workers and the public, and that all data on all media devices is secure until destroyed.

TAPPI (Technical Association of the Pulp and Paper Industry)

Contact: Priscila Briggs, (770) 209-7249, standards@tappi.org
15 Technology Parkway South, Suite 115, Peachtree Corners, GA 30092

Reaffirmation

BSR/TAPPI T 702 om-2014 (R201x), Rheological measurements for characterization of polyolefins: Low-density polyethylene (LDPE) for extrusion coating (reaffirmation of ANSI/TAPPI T 702 om-2014)

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/ANSI Standard.

In optimizing the extrusion coating processing performance, it is of utmost importance to balance the rheology of the polymer. This method describes how rheological measurements can be used to characterize LDPE. The storage modulus and zero shear viscosity have been found to be useful parameters to predict the extrusion coating performance of LDPE.

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

Contact: Katelyn Simpson, (864) 646-8453, KSimpson@tileusa.com
100 Clemson Research Blvd., Anderson, SC 29625

New Standard

BSR A108.21-201x, Interior Installation of Self-Leveling Underlayment (SLU) (new standard)

Stakeholders: Ceramic tile installers, contractors, and builders (labor interest category); related material manufacturers (manufacturing interest category); distributors, retailers, and consumers (user interest category); and affiliated industries and other general-interest users of this standard (general interest category).

Project Need: Stakeholders have suggested that a new standard be created to address the installation of self-leveling underlayments as a substrate for ceramic tile, manufactured stone, and natural stone.

This standard describes the interior installation of self-leveling underlayments as a substrate for the installation of ceramic tile, manufactured stone, and natural stone on horizontal surfaces.

BSR A118.16-201x, Standard Specifications for Cementitious Self-Leveling Underlayment (SLU) (new standard)

Stakeholders: Ceramic tile installers, contractors, and builders (labor interest category); related material manufacturers (manufacturing interest category); distributors, retailers, and consumers (user interest category); and affiliated industries and other general-interest users of this standard (general interest category).

Project Need: Various stakeholders have suggested that a new specification for cementitious self-leveling underlayments be created.

This specification describes the test methods and minimum requirements for cementitious self-leveling underlayment.

Revision

BSR A118.1-201x, Standard Specifications for Dry-Set Cement Mortar (revision of ANSI A118.1-2018)

Stakeholders: Ceramic tile installers, contractors, and builders (labor interest category); related material manufacturers (manufacturing interest category); distributors, retailers, and consumers (user interest category), and affiliated industries (e.g., stone) and other general-interest users of this standard (general interest category).

Project Need: Stakeholders have suggested that revisions be made to various sections of this standard.

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

BSR A118.4-201x, Standard Specifications for Modified Dry-Set Cement Mortar (revision of ANSI A118.4-2018)

Stakeholders: Ceramic tile installers, contractors, and builders (labor interest category); related material manufacturers (manufacturing interest category); distributors, retailers, and consumers (user interest category), and affiliated industries (e.g., stone) and other general-interest users of this standard (general interest category).

Project Need: Various stakeholders have suggested revisions be made to various sections of this standard.

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

BSR A118.15-201x, Standard Specifications for Improved Modified Dry-Set Cement Mortar (revision of ANSI A118.15-2018)

Stakeholders: Ceramic tile installers, contractors, and builders (labor interest category); related material manufacturers (manufacturing interest category); distributors, retailers, and consumers (user interest category), and affiliated industries (e.g., stone) and other general-interest users of this standard (general interest category).

Project Need: Various stakeholders have suggested revisions be made to various sections of this standard.

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

American National Standards Maintained Under Continuous Maintenance

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

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

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

- **AAMI (Association for the Advancement of Medical Instrumentation)**
- **AARST (American Association of Radon Scientists and Technologists)**
- **AGA (American Gas Association)**
- **AGSC-AGRSS (Auto Glass Safety Council)**
- **ASC X9 (Accredited Standards Committee X9, Incorporated)**
- **ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)**
- **ASME (American Society of Mechanical Engineers)**
- **ASTM (ASTM International)**
- **GBI (Green Building Initiative)**
- **HL7 (Health Level Seven)**
- **IES (Illuminating Engineering Society)**
- **ITI (InterNational Committee for Information Technology Standards)**
- **MHI (Material Handling Industry)**
- **NAHBRC (NAHB Research Center, Inc.)**
- **NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)**
- **NCPDP (National Council for Prescription Drug Programs)**
- **NEMA (National Electrical Manufacturers Association)**
- **NISO (National Information Standards Organization)**
- **NSF (NSF International)**
- **PRCA (Professional Ropes Course Association)**
- **RESNET (Residential Energy Services Network, Inc.)**
- **SAE (SAE International)**
- **TCNA (Tile Council of North America)**
- **TIA (Telecommunications Industry Association)**
- **UL (Underwriters Laboratories, Inc.)**

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

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

ANSI-Accredited Standards Developers Contact Information

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

ABMSP
American Board of Multiple Specialties in Podiatry
555 Eighth Avenue
Suite 1902
New York, NY 10018
Phone: (301) 537-7019
Web: www.abmsp.org

ABYC
American Boat and Yacht Council
613 Third Street
Suite 10
Annapolis, MD 21403
Phone: (410) 990-4460
Web: www.abycinc.org

ANS
American Nuclear Society
555 North Kensington Avenue
La Grange Park, IL 60526
Phone: (708) 579-8268
Web: www.ans.org

APA
APA - The Engineered Wood Association
7011 South 19th Street
Tacoma, WA 98466
Phone: (253) 620-7467
Web: www.apawood.org

APCO
Association of Public-Safety Communications Officials-International
351 N. Williamson Boulevard
Daytona Beach, FL 32114
Phone: (920) 579-1153
Web: www.apcoIntl.org

APSP
Association of Pool & Spa Professionals
2111 Eisenhower Ave.
Suite 500
Alexandria, VA 22314
Phone: (703) 838-0083 EXT 150
Web: www.apsp.org

APTech (ASC CGATS)
Association for Print Technologies
1899 Preston White Drive
Reston, VA 20191
Phone: (703) 264-7200
Web: www.printtechnologies.org

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

ASHRAE
American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
1791 Tullie Circle NE
Atlanta, GA 30329
Phone: (678) 539-1111
Web: www.ashrae.org

ASME
American Society of Mechanical Engineers
Two Park Avenue
New York, NY 10016-5990
Phone: (212) 591-8521
Web: www.asme.org

ASSP (ASC A10)
American Society of Safety Professionals
520 N. Northwest Hwy.
Park Ridge, IL 60068
Phone: (847) 768-3475
Web: www.assp.org

ASTM
ASTM International
100 Barr Harbor Drive
West Conshohocken, PA 19428-2959
Phone: (610) 832-9696
Web: www.astm.org

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

BHMA
Builders Hardware Manufacturers Association
355 Lexington Avenue, 15th Floor
15th Floor
New York, NY 10017-6603
Phone: (860) 944-4264
Web: www.buildershardware.com

CSA
CSA Group
8501 E. Pleasant Valley Road
Cleveland, OH 44131
Phone: (216) 524-4990
Web: www.csagroup.org

EOS/ESD
ESD Association, Inc.
7900 Turin Rd., Bldg. 3
Rome, NY 13440
Phone: (315) 339-6937
Web: www.esda.org

ESTA
Entertainment Services and Technology Association
630 Ninth Avenue
Suite 609
New York, NY 10036-3748
Phone: (212) 244-1505
Web: www.esta.org

HL7
Health Level Seven
3300 Washtenaw Avenue
Suite 227
Ann Arbor, MI 48104
Phone: (734) 677-7777
Web: www.hl7.org

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

IICRC
The Institute of Inspection, Cleaning and Restoration Certification
4043 South Eastern Avenue
Las Vegas, NV 89119
Phone: (702) 850-2710
Web: www.thecleantrust.org

ITSDF
Industrial Truck Standards Development Foundation, Inc.
1750 K Street NW
Suite 460
Washington, DC 20006
Phone: (202) 296-9880
Web: www.indtrk.org

MSS
Manufacturers Standardization Society
127 Park Street, NE
Vienna, VA 22180-4602
Phone: (703) 281-6613
Web: www.mss-hq.org

NASPO
North American Security Products Organization
1300 I Street, NW Suite 400E
Washington, DC 20005
Phone: (612) 281-7141
Web: www.naspo.info

NEMA (ASC C136)
National Electrical Manufacturers Association
1300 North 17th Street
Suite 900
Rosslyn, VA 22209
Phone: (703) 841-3234
Web: www.nema.org

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

NSF
NSF International
789 N. Dixboro Road
Ann Arbor, MI 48105-9723
Phone: (734) 913-5794
Web: www.nsf.org

PCI
Precast/Prestressed Concrete Institute
200 West Adams Street, Suite 2100
Chicago, IL 60606-5230
Phone: (312) 360-3219
Web: www.pci.org

SCTE
Society of Cable Telecommunications Engineers
140 Philips Rd
Exton, PA 19341
Phone: (800) 542-5040
Web: www.scte.org

SERI
Sustainable Electronics Recycling International

P.O. Box 19611
Boulder, CO 80308
Phone: (248) 891-2837

Web: www.sustainableelectronics.org

SPRI
Single Ply Roofing Industry

465 Waverley Oaks Road
Suite 421
Waltham, MA 02452
Phone: (781) 647-7026

Web: www.spri.org

TAPPI
Technical Association of the Pulp and Paper Industry

15 Technology Parkway South
Suite 115
Peachtree Corners, GA 30092
Phone: (770) 209-7249

Web: www.tappi.org

TCNA (ASC A108)
Tile Council of North America

100 Clemson Research Blvd.
Anderson, SC 29625
Phone: (864) 646-8453

Web: www.tileusa.com

TIA
Telecommunications Industry Association

1320 North Courthouse Road
Suite 200
Arlington, VA 22201
Phone: (703) 907-7706

Web: www.tiaonline.org

UL
Underwriters Laboratories, Inc.

333 Pfingsten Road
Northbrook, IL 60062-2096
Phone: (847) 664-3038

Web: www.ul.com

VITA
VMEbus International Trade Association (VITA)

929 W. Portobello Avenue
Mesa, AZ 85210
Phone: (602) 281-4497

Web: www.vita.com

IEC Draft International Standards

This section lists proposed standards that the International Electrotechnical Commission (IEC) 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 IEC members for comment and vote. Standards Action readers interested in reviewing and commenting on these documents should order copies from ANSI.

Comments

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

Ordering Instructions

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

JTC1-SC25/2828/CDV, ISO/IEC 14776-415 Information technology - SCSI Architecture Model - 5 (SAM-5), 019/2/8/

JTC1-SC25/2847/NP, PNW JTC1-SC25-2847: 15045-3-1: Information technology - Home Electronic System (HES) gateway - Part 3-1: Introduction to privacy, security, and safety, 019/2/8/

21A/687/CD, IEC 62619 ED2: Secondary cells and batteries containing alkaline or other non-acid electrolytes - Safety requirements for secondary lithium cells and batteries, for use in industrial applications, 019/2/8/

21A/689/CD, IEC 63115-2 ED1: Secondary cells and batteries containing alkaline or other non-acid electrolytes - Sealed nickel-metal hydride rechargeable cells and modules for use in industrial applications - Part 2: Safety, 2019/1/11

23E/1081/CDV, IEC 62020-1 ED1: Electrical accessories - Residual current monitors for household and similar uses (RCMs), 019/2/8/

61D/421/CD, IEC 60335-2-40/AMD1/FRAG1 ED6: Amendment 1 - Household and similar electrical appliances - Safety - Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers (f1), 2019/1/11

61D/422/CD, IEC 60335-2-40/AMD1/FRAG2 ED6: Amendment 1 - Household and similar electrical appliances - Safety - Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers (f2), 2019/1/11

61D/423/CD, IEC 60335-2-40/AMD1/FRAG3 ED6: Amendment 1 - Household and similar electrical appliances - Safety - Part 2-40: Particular requirements for electrical heat pumps, air-conditioners and dehumidifiers (f3), 2019/1/11

65E/631/CDV, IEC 61804-3 ED4: Function Blocks (FB) for process control and Electronic Device Description Language (EDDL) - Part 3: EDDL syntax and semantics, 019/2/8/

65E/633/CDV, IEC 61804-4 ED2: Function blocks (FB) for process control and electronic device description language (EDDL) - Part 4: EDD interpretation, 019/2/8/

65E/634/CDV, IEC 61804-5 ED2: Function blocks (FB) for process control and electronic device description language (EDDL) - Part 5: EDDL Builtin library, 019/2/8/

86C/1555/CD, IEC TR 61292-3 ED2: Optical amplifiers - Design guides - Part 3: Classification, characteristics and applications, 019/2/8/

86B/4145/CDV, IEC 61754-4 ED3: Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 4: Type SC connector family, 019/2/8/

86B/4146/CDV, IEC 61754-6 ED3: Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 6: Type MU connector family, 019/2/8/

2/1932/CD, IEC TS 60034-31 ED2: Rotating electrical machines - Part 31: Selection of energy-efficient motors including variable speed applications - Application guide, 019/2/8/

2/1935/CD, IEC 60034-5 ED5: Rotating electrical machines - Part 5: Degrees of protection provided by the integral design of rotating electrical machines (IP code) - Classification, 019/2/8/

26/670/FDIS, IEC 60974-2 ED4: Arc welding equipment - Part 2: Liquid cooling systems, /2018/12/2

26/671/FDIS, IEC 60974-3 ED4: Arc welding equipment - Part 3: Arc striking and stabilizing devices, /2018/12/2

26/672/FDIS, IEC 60974-5 ED4: Arc welding equipment - Part 5: Wire feeders, /2018/12/2

26/673/FDIS, IEC 60974-7 ED4: Arc welding equipment - Part 7: Torches, /2018/12/2

36/435/FDIS, IEC 61952-1 ED1: Insulators for overhead lines - Composite line post insulators for AC systems with a nominal voltage greater than 1 000 V - Part 1: Definitions, end fittings and designations, /2018/12/2

45/861/CD, IEC 63048 ED1: Mobile remotely controlled systems for nuclear and radiological applications - General requirements, 019/2/8/

76/616/FDIS, IEC 60825-12 ED2: Safety of laser products - Part 12: Safety of free space optical communication systems used for transmission of information, /2018/12/2

87/705/CDV, IEC 63009 ED1: Ultrasonics - Physiotherapy systems - Field specifications and methods of measurement in the frequency range 20 kHz to 0.5 MHz, 019/2/8/

13/1776/CD, IEC 62056-3-1 ED2: Electricity metering data exchange - The DLMS/COSEM suite - Part 3-1: Use of local area networks on twisted pair with carrier signalling, 019/2/8/

29/1012/CD, IEC 63219 ED1: Definition and verification of hearing aid features, 019/2/8/

40/2637/CDV, IEC 60384-11 ED4: Fixed capacitors for use in electronic equipment - Part 11: Sectional specification - Fixed polyethylene-terephthalate film dielectric metal foil d.c. capacitors, 019/2/8/

64/2352/FDIS, IEC 60364-5-53 ED4: Low-voltage electrical installations - Part 5-53: Selection and erection of electrical equipment - Devices for protection for safety, isolation, switching, control and monitoring, /2018/12/2

91/1548/CD, IEC 61249-6-3 ED1: Materials for printed boards and other interconnecting structures - Part 6-3: Sectional specification set for reinforcement materials - Specification for finished fabric woven from “E” glass for printed boards, 019/2/8/

110/1040/CDV, IEC 61747-40-1 ED2: Liquid crystal display devices - Part 40-1: Mechanical testing of display cover glass for mobile devices - Guidelines, 019/2/8/

110/1041/CDV, IEC 61747-30-3 ED1: Liquid crystal display devices - Part 30-3: Measuring methods for liquid crystal display modules - Motion artifact measurement of active matrix liquid crystal display modules, 019/2/8/

C/2166/DV, ISO/IEC Draft Guide 76, Development of service standards - How to address consumer issues, 019/3/8/

CIS/A/1273/CDV, CISPR 16-1-3/AMD2 ED2: Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-3: Radio disturbance and immunity measuring apparatus - Ancillary equipment - Disturbance power, 019/2/8/

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).

ACOUSTICS (TC 43)

ISO 7779:2018, Acoustics - Measurement of airborne noise emitted by information technology and telecommunications equipment, $209.00

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 21424:2018, Milk, milk products, infant formula and adult nutritionals - Determination of minerals and trace elements - Inductively coupled plasma mass spectrometry (ICP-MS) method, $162.00

AIR QUALITY (TC 146)

ISO 28902-3:2018, Air quality - Environmental meteorology - Part 3: Ground-based remote sensing of wind by continuous-wave Doppler lidar, $138.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO 20949:2018, Aircraft - Smart contactor - General requirements, $138.00

CLEANING EQUIPMENT FOR AIR AND OTHER GASES (TC 142)

ISO 21083-1:2018, Test method to measure the efficiency of air filtration media against spherical nanomaterials - Part 1: Size range from 20 nm to 500 nm, $209.00

FINE BUBBLE TECHNOLOGY (TC 281)

ISO 20298-1:2018, Fine bubble technology - Sampling and sample preparation for measurement - Part 1: Ultrafine bubble dispersion in water, $68.00

ISO 20480-2:2018, Fine bubble technology - General principles for usage and measurement of fine bubbles - Part 2: Categorization of the attributes of fine bubbles, $68.00

FLUID POWER SYSTEMS (TC 131)

ISO 18582-2:2018, Fluid power - Specification of reference dictionary - Part 2: Definitions of classes and properties of pneumatics, $232.00

FREIGHT CONTAINERS (TC 104)

ISO 1496-5:2018, Series 1 freight containers - Specification and testing - Part 5: Platform and platform-based containers, $162.00

GEOTECHNICS (TC 182)

ISO 17892-10:2018, Geotechnical investigation and testing - Laboratory testing of soil - Part 10: Direct shear tests, $138.00

HOROLOGY (TC 114)

ISO 10553:2018, Horology - Procedure for evaluating the accuracy of quartz watches, $103.00

LIGHT METALS AND THEIR ALLOYS (TC 79)

ISO 8994:2018, Anodizing of aluminium and its alloys - Rating system for the evaluation of pitting corrosion - Grid method, $45.00

MEDICAL DEVICES FOR INJECTIONS (TC 84)

ISO 7886-4:2018, Sterile hypodermic syringes for single use - Part 4: Syringes with re-use prevention feature, $68.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO 11979-1:2018, Ophthalmic implants - Intraocular lenses - Part 1: Vocabulary, $45.00

PHOTOGRAPHY (TC 42)

ISO 18948:2018, Imaging materials - Photo books - Test methods for permanence and durability, $162.00

SIZING SYSTEMS AND DESIGNATIONS FOR CLOTHES (TC 133)

ISO 8559-3:2018, Size designation of clothes - Part 3: Methodology for the creation of body measurement tables and intervals, $138.00

SOLAR ENERGY (TC 180)

ISO 9060:2018, Solar energy - Specification and classification of instruments for measuring hemispherical solar and direct solar radiation, $103.00

STEEL (TC 17)

ISO 16172:2018, Steel sheet, metallic-coated by the continuous hot-dip process for corrugated steel pipe, $68.00

ISO 20915:2018, Life cycle inventory calculation methodology for steel products, $162.00

STERILIZATION OF HEALTH CARE PRODUCTS (TC 198)

ISO 15883-4:2018, Washer-disinfectors - Part 4: Requirements and tests for washer-disinfectors employing chemical disinfection for thermolabile endoscopes, $232.00

SURFACE CHEMICAL ANALYSIS (TC 201)

ISO 13084:2018, Surface chemical analysis - Secondary ion mass spectrometry - Calibration of the mass scale for a time-of-flight secondary ion mass spectrometer, $103.00

ISO 16129:2018, Surface chemical analysis - X-ray photoelectron spectroscopy - Procedures for assessing the day-to-day performance of an X-ray photoelectron spectrometer, $103.00

TIMBER STRUCTURES (TC 165)

ISO 12122-5:2018, Timber structures - Determination of characteristic values - Part 5: Mechanical connections, $103.00

TOURISM AND RELATED SERVICES (TC 228)

ISO 21426:2018, Tourism and related services - Medical spas - Service requirements, $162.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO 8759-1:2018, Agricultural tractors - Front-mounted equipment - Part 1: Power take-off: Safety requirements and clearance zone around PTO, $45.00

ISO 8759-3:2018, Agricultural tractors - Front-mounted equipment - Part 3: Power take-off: General specifications and location, $45.00

ISO 8759-4:2018, Agricultural tractors - Front-mounted equipment - Part 4: Three-point linkage, $45.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO 16407-2:2018, Electronic fee collection - Evaluation of equipment for conformity to ISO 17575-1 - Part 2: Abstract test suite, $68.00

ISO 16410-2:2018, Electronic fee collection - Evaluation of equipment for conformity to ISO 17575-3 - Part 2: Abstract test suite, $68.00

ISO Technical Reports

INFORMATION AND DOCUMENTATION (TC 46)

ISO/TR 21946:2018, Information and documentation - Appraisal for managing records, $103.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 21878:2018, Information technology - Security techniques - Security guidelines for design and implementation of virtualized servers, $138.00

ISO/IEC 26554:2018, Information technology - Software and systems engineering - Tools and methods for product line testing, $209.00

ISO/IEC 14888-3:2018, IT Security techniques - Digital signatures with appendix - Part 3: Discrete logarithm based mechanisms, $232.00

ISO/IEC TS 19570:2018, Programming Languages - Technical Specification for C++ Extensions for Parallelism, $185.00

OTHER

ISO/IEC TS 17021-11:2018, Conformity assessment - Requirements for bodies providing audit and certification of management systems - Part 11: Competence requirements for auditing and certification of facility management (FM) management systems, $45.00

Proposed Foreign Government Regulations

Call for Comment

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

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

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

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

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

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

Information Concerning

American National Standards

Call for Members

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

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

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

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

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

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

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

SCTE is currently seeking to broaden the membership base of its 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 a materially affected parties as defined in SCTE's membership rules and operating procedures. More information is available at www.scte.org or by e-mail from standards@scte.org.

ANSI Accredited Standards Developers

Approval of Reaccreditation

PMMI – The Association for Packaging and Processing Technologies

The reaccreditation of PMMI - The Association for Packaging and Processing Technologies, an ANSI member and Accredited Standards Developer (ASD), has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on PMMI-sponsored American National Standards, effective November 21, 2018. For additional information, please contact: Mr. Fred Hayes, Director Technical Services, U.S. TAG Administrator to ISO/TC 313, PMMI – The Association for Packaging and Processing Technologies, 11911 Freedom Drive, Suite 600, Reston, VA 20190; phone: 269.781.6567; e-mail: fhayes@pmmi.org.

International Organization for Standardization (ISO)

New Secretariats

ISO/TC 215 – Health informatics

Comment Deadline: December 7, 2018

The U.S. TAG to ISO/TC 215 has requested to delegate the responsibilities of the administration of the ISO/TC 215 secretariat to ANSI. The secretariat was previously held by the American Health Information Management Association (AHIMA) and the secretariat transfer is supported by the U.S. TAG.

ISO/TC 215 operates under the following scope:

> Standardization in the field of health informatics, to facilitate capture, interchange and use of health-related data, information, and knowledge to support and enable all aspects of the health system.

Organizations wishing to comment on the delegation of the responsibilities should contact ANSI's ISO Team (isot@ansi.org).

U.S. Technical Advisory Groups

Transfer of U.S. TAG Administrator

U.S. TAG to ISO TC 215 – Health Informatics

Comment Deadline: December 24, 2018

The U.S. Technical Advisory Group (TAG) to ISO TC 215, Health informatics, has voted to approve the transfer of TAG Administrator responsibilities from the American Health Information Management Association (AHIMA) to ANSI. The TAG will continue to operate under its currently accredited operating procedures. Please submit any comments on this action by December 24, 2018 to: Ms. Kristen Califra, Sr. Program Administrator, ISOT, American National Standards Institute, 25 West 43rd Street, 4th Floor, New York, NY 10036; phone: 212.642.4946; e-mail: kcalifra@ansi.org (please copy jthompso@ansi.org). If no public comments are received, this action will be formally approved, effective December 24, 2018.

Information Concerning

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO/TC 86/SC 6 – *Testing and Rating of Air-Conditioners and Heat Pumps*

Reply Deadline: December 2, 2018

Currently, the U.S. holds a leadership position as Secretariat of ISO/TC 86/SC 6 – *Testing and rating of air-conditioners and heat pumps*. ANSI has delegated the responsibility for the administration of the Secretariat for ISO/TC 86/SC 6 to the Air-Conditioning, Heating and Refrigeration Institute (AHRI). AHRI has advised ANSI of its intent to relinquish its role as delegated Secretariat for this committee.

ISO/TC 86/SC 6 operates under the following scope:

> *Development of standards regarding the testing and rating of air-conditioners and heat pumps within the scope of ISO/TC 86:*
>
> *Standardization in the fields of refrigeration and air-conditioning, including terminology, mechanical safety, methods of testing and rating equipment, measurement of sound levels, refrigerant and refrigeration lubricant chemistry, with consideration given to environmental protection. The scope includes factory-assembled air-conditioners (cooling), heat pumps, dehumidifiers, refrigerants, and refrigerant reclaiming and recycling equipment as well as other devices, components and equipment such as humidifiers, ventilation equipment and automatic controls used in air-conditioning and refrigeration systems that are not covered by other ISO technical committees.*

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated Secretariat for ISO/TC 86/SC 6. Alternatively, ANSI may be assigned the responsibility for administering an ISO Secretariat. Any request that ANSI accept the direct administration of an ISO Secretariat shall demonstrate that:

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

If no U.S. organization steps forward to assume the ISO/TC 86/SC 6 Secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity by December 2, 2018, then ANSI will inform the ISO Central Secretariat that the U.S. will relinquish its leadership of the committee. This will allow ISO to solicit offers from other countries interested in assuming the Secretariat role.

Information concerning the United States retaining the role of international Secretariat may be obtained by contacting ANSI's ISO Team (isot@ansi.org).

BSR/ASHRAE Standard 139-2015R

Public Review Draft

Method of Testing for Rating Desiccant Dehumidifiers Utilizing Heat for the Regeneration Process

Second Public Review (November 2018)
Draft Shows Proposed Independent Substantive Changes to Previous Public Review Draft

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).

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

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

(This foreword is not a part of this standard. It is merely informative and does not contain requirements necessary for conformance to the standard.)

This is a revision of Standard 139-2015. This standard was prepared under the auspices of the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE). It may be used, in whole or in part, by an association or government agency with due credit to ASHRAE. Adherence is strictly on a voluntary basis and merely in the interests of obtaining uniform guidelines throughout the industry. This version of the standard updates the references..

[Note to Reviewers: This public review draft makes proposed independent substantive changes to the previous public review draft. 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 previous draft 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 substantive changes.]

4. ASHRAE. 1992018. ASHRAE Standard 41.2-1987 (RA 92)2018, Standard Methods for Air Velocity and Laboratory Airflow Measurement. Atlanta: ASHRAE

[Note – the recommended changes to the standard which include the current text of the relevant section(s) indicate deletions by use of ~~strikeout~~ and additions by grey highlighting. Rationale Statements are in *italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI International Standard for Biosafety Cabinetry —

Biosafety Cabinetry: Design, Construction, Performance, and Field Certification

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•
•

5 Design and construction

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•

5.32 Data plate(s)

5.32.1. A data plate(s) indicating the following shall be readily visible on the front of the cabinet:

— manufacturer's name and address;
— cabinet model;
— cabinet serial number;
— Type classification; ~~and~~
— ~~voltage requirements~~ input voltage and frequency requirements as well as rated Amps.

***Rationale**: this language update adds consistency with respect to the other recent update in Section 5.26.2 for electrical wiring.*

[Note – the recommended changes to the standard which include the current text of the relevant section(s) indicate deletions by use of ~~strikeout~~ and additions by grey highlighting. Rationale Statements are in *italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI 50 - 2017
Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities

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Annex B
(normative)

Test methods for the evaluation of filters

NOTE — The test conditions specified in this Annex are not intended to represent recommended field use conditions.

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B.5.4 Turbidity reduction test method

a) Determine the volume of water needed to achieve a turnover time ~~rate of no greater than 30 min~~ according to the equation below when the filter is operated at the maximum design flow rate. Fill the test tank with the required volume of water.

Turnover time (minutes) = $\left(\frac{8}{\sqrt{U}}+8\right)$ ± 5%, maximum 30

Where: U = Filtration Rate, $\left(\frac{\text{gpm}}{\text{ft}^2}\right) = \frac{\text{Maximum Design Flow Rate (gpm)}}{\text{Effective Filtration Area } (ft^2)}$

Volume(gallons) = Turnover Time (minutes) × Maximum Design Flow Rate (gpm)

If the prescribed turnover time requires a test volume greater than 10,000 gallons, the turnover time may be shortened to limit the test volume to 10,000 gallons

b) Sample the water in the tank and determine the turbidity level (TB1) in NTU. Add a sufficient quantity of silica #140 to obtain a turbidity level (TB2) of 45 ± 5 NTU.

c) Install and condition the filter according to the manufacturer's instructions. Operate the filter at the maximum design flow rate.

d) After operating the filter for the time required to filter one tank volume, draw a sample from the filter effluent and measure the turbidity (TB3). Repeat for the next four tank volumes.

e) Calculate the turbidity remaining (TR) ratio at each tank volume using the following equation:

$$TR = \frac{(TB3 - TB1)}{(TB2 - TB1)}$$

B.5.5 Acceptance criteria

After the fifth tank volume, the TR ratio shall be ≤ 0.3. This is equivalent to a 70% or greater reduction in turbidity.

[Note – the recommended changes to the standard which include the current text of the relevant section(s) indicate deletions by use of ~~strikeout~~ and additions by grey highlighting. Rationale Statements are in *italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI Standard

Equipment and Chemicals for Swimming Pools, Spas, Hot Tubs, and other Recreational Water Facilities

Evaluation criteria for materials, components, products, equipment, and systems for use at recreational water facilities

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-
-

14 Ultraviolet (UV) light process equipment

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-
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14.8 Disinfection efficacy

Ultraviolet light ~~P~~process equipment designed for supplemental disinfection ~~such as copper and/or silver ion generators, ozone and ultraviolet light equipment~~ shall demonstrate a 3-log (99.9%) or greater inactivation of influent bacteria when tested according to Annex H, Section H.1.

Ultraviolet light ~~P~~process equipment designed for secondary disinfection ~~such as ozone and ultraviolet light equipment~~ shall demonstrate a 3-log (99.9%) or greater inactivation of *Cryptospordium parvum* when tested and evaluated according to Section 14.18 and is exempt from Annex H testing.

Ultraviolet light ~~P~~process equipment designed for supplemental disinfection shall carry the following information in the installation and use instructions and be noted in the official certification listings:

> This unit has demonstrated an ability to provide three log inactivation of <name organisms>. This unit has not demonstrated an ability to provide three log kill or inactivation of <name organisms if applicable>. This product is designed for supplementary disinfection and is intended for use with appropriate residual levels of EPA registered disinfecting chemicals. Specific residual levels of EPA registered disinfecting chemicals may be required by the regulatory agency having authority.

Ultraviolet light process equipment designed for secondary disinfection shall carry the following information in the installation and use instructions and be noted in the official certification listings:

> This unit has been tested to confirm a minimum inactivation equivalent of 3 log (99.9%) cryptosporidium parvum in accordance with NSF 50 and the US EPA UV DGM. This product has met the requirements of NSF/ANSI 50, Annex H.1: Disinfection Efficacy for the >= minimum of a 3 log (99.9%) reduction of Enterococcus faecium [ATCC #6569] and Pseudomonas aeruginosa

[ATCC #27313]. This product is intended for secondary disinfection and s intended for use with appropriate residual levels of EPA registered disinfecting chemicals. Specific residual levels of EPA registered disinfecting chemicals may be required by the regulatory agency having authority.

BSR/UL 1446, Standard for Safety for Systems of Insulating Materials - General

1. Proposal for elimination of requiring a varnish in a varnish required system

SA5.3 Modifying an EIS thermally aged with a varnish to an EIS thermally aged without a varnish

SA5.3.1 For EIS evaluated in accordance with Section 6, Electrical Insulation Systems - Full Thermal Aging that included a varnish as an EIM component shall be evaluated with Section SA7, Insulation Systems - One Temperature Thermal Aging test to change the EIM component varnish to a NIM component thereby establishing the EIS as thermally aged without a varnish.

SA5.3.2 An EIS that complies with SA5.3.1, shall be considered an EIS originally aged without a varnish and further varnish substitution shall use criteria in SA5.2 - Addition of varnishes to systems originally evaluated without a varnish.

SA7.1.1 A one temperature thermal aging program is able to be used instead of full thermal aging in order to evaluate certain system modifications, such as the following:

a) As an alternative to a chemical compatibility test when adding NIM components.

b) Reduction of thickness of any EIM in the EIS, including reduction down to a zero level.

(c) Modifying EIS thermally aged with a varnish (EIM) to an EIS thermally aged without a varnish (NIM).

~~c)~~d) Qualification of an alternate varnish/magnet wire combination whose thermal indices are no more than one temperature class lower than those of the varnish used in the originally evaluated system, and whose twisted pair thermal indices are less than that of the unvarnished magnet wire. See Section SA5.

~~d)~~e) Evaluation of a lead wire which is rated more than 5°C (9°F) below the system temperature class rating whereby one or both of the following conditions are met:

1) The lead wire is in direct contact with the windings or enters the outer wrap.

2) The rated temperature of the lead wire is below that referenced in Table 5.1.

5.2.6 A lead wire having a temperature rating that is more than 5°C (9°F) lower than the temperature rating of the insulation system in which it is connected shall be compatible and shall be separated from the windings by a barrier or envelope of a material compatible with the system. The temperature rating of the lead wire shall not be less than that specified in Table 5.1.

Exception: Lead wire that has been evaluated for use in the insulation system by means of at least a one temperature thermal aging program is not required to comply with this requirement. See SA7.1.1~~(d)~~ (e)and SA7.2.1(e).

SA7.2.1 Representative samples of the unmodified (original) and modified systems are to be constructed, thermally aged, and tested in accordance with the criteria in Section 6, Electrical Insulation Systems - Full Thermal Aging, with the following exceptions:

a) The unmodified system represents the reference system, and the modified system represents the candidate system.

b) The reference and candidate systems shall be concurrently tested at one temperature only. This temperature shall be the same for both systems.

c) The test temperature specified is to be the temperature from the full thermal aging program which resulted in a log-average life closest to 1,000 h (usually the second highest temperature).

d) When original materials are no longer available, they shall be deleted or substituted with similar materials when agreed to by all interested parties.

e) When evaluating an alternate lead wire which is to be employed as described in SA7.1.1~~(d)~~(e)(1), samples shall be constructed such that the lead wire is in direct contact with the conductor windings, except the lead wire is not to be energized.

SA7.3.6 In order for the candidate (modified) insulation system evaluated for the purpose of evaluating EIM component insulation thickness reductions or modifying an EIS varnish EIM to NIM component to be assigned the same insulation system temperature class rating as the reference (unmodified) system, the apparent thermal index determined for the modified insulation system shall be either within ±5°C (±9°F) of the apparent thermal index determined for the original insulation system or be the same insulation system temperature class of the original insulation system. When the results do not fall within ±5°C (±9°F) or within the same insulation temperature class an aging as specified in Section SA8, Insulation Systems - Two Temperature Thermal Aging or an aging as specified in Section 6, Electrical Insulation Systems - Full Thermal Aging shall be conducted to confirm the temperature class.