ANSI STANDARDS ACTION

PUBLISHED WEEKLY BY THE AMERICAN NATIONAL STANDARDS INSTITUTE 25 West 43rd Street, NY, NY 10036

VOL. 48, #48 *December 1, 2017*

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 31, 2017

AWWA (American Water Works Association)

Revision

BSR/AWWA C222-201x, Polyurethane Coatings and Linings for Steel Water Pipe and Fittings (revision, redesignation and consolidation of ANSI/AWWA C222-2008 and ANSI/AWWA C222a-2009)

This standard sets minimum requirements for shop- and field-applied polyurethane coatings and linings used in the water supply industry. Polyurethanes are used for steel water pipe, special sections, welded joints, connections, or fittings for steel water pipelines installed underground or underwater operating under normal conditions.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Paul Olson, (303) 347 -6178, polson@awwa.org; vdavid@awwa.org

NSF (NSF International)

Revision

BSR/NSF 40-201x (i31r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2013)

This wastewater standard contains minimum requirements for residential wastewater treatment systems having rated treatment capacities between 1514 L/day (400 gal/day) and 5678 L/day (1500 gal/day). Management methods for the treated effluent discharged from residential wastewater treatment systems are not addressed by this Standard.

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

NSF (NSF International)

Revision

BSR/NSF 50-201x (i132r1), Equipment for Swimming Pools, Spas, Hot Tubs (revision of ANSI/NSF 50-2016)

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

NSF (NSF International)

Revision

BSR/NSF 245-201x (i12r1), Wastewater treatment systems - Nitrogen reduction (revision of ANSI/NSF 245-2013)

This wastewater standard contains minimum requirements for residential wastewater treatment systems having rated treatment capacities of 1514 L/d (400 gal/d) to 5678 L/d (1500 gal/d) that are designed to provide reduction of nitrogen in residential wastewater. Management methods for the treated effluent discharged from these systems are not addressed by this Standard. A system, in the same configuration, must either be demonstrated to have met the Class I requirements of NSF/ANSI 40 or must meet the Class I requirements of NSF/ANSI 40 during concurrent testing for nutrient removal.

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

NSF (NSF International)

Revision

BSR/NSF 350-201x (i24r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2017)

This wastewater standard contains minimum requirements for onsite residential and commercial water treatment systems. Systems may include Graywater treatment systems having a rated treatment capacity up to 5,678 L/day (1,500 gal/day); Residential wastewater treatment systems having a rated treatment capacity up to 5,678 L/day (1,500 gal/day); Commercial treatment systems that treat combined commercial facility wastewater and commercial facility laundry water of any capacity, and those treatment systems that treat graywater from commercial facilities with capacities exceeding 5,678 L/day (1,500 gal/day).

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

NSF (NSF International)

Revision

BSR/NSF 350-201x (i26r1), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2017)

This Standard contains minimum requirements for onsite residential and commercial graywater treatment systems. Systems may include Graywater reuse treatment systems having a rated treatment capacity up to 5,678 L/d (1,500 gal/d); or Commercial graywater reuse treatment systems: This applies to onsite commercial reuse treatment systems that treat combined commercial facility greywater with capacities exceeding 5,678 L/d (1,500 gal/d) and commercial facility laundry water only of any capacity.

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

NSF (NSF International)

Revision

BSR/NSF 359-201x (i3r1), Valves for Crosslinked Polyethelene (PEX) Water Distribution Tubing Systems (revision of ANSI/NSF 359-2016)

This Standard establishes the minimum physical and performance requirements for in-line valves used with cross-linked polyethylene (PEX) systems. Establishment of these criteria provide for the protection of public health and the environment.

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

NSF (NSF International)

Revision

BSR/NSF 359-201x (i4r1), Valves for Crosslinked Polyethelene (PEX) Water Distribution Tubing Systems (revision of ANSI/NSF 359-2016)

This Standard establishes the minimum physical and performance requirements for in-line valves used with cross-linked polyethylene (PEX) systems. Establishment of these criteria provide for the protection of public health and the environment.

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 132-201x, Standard for Safety for Safety Relief Valves for Anhydrous Ammonia and LP-Gas (revision of ANSI/UL 132-2016)

The following requirements are being recirculated: (1) Addition of requirements for field-installed accessories and assemblies.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 834-201x, Standard for Safety for Heating, Water Supply, and Power Boilers - Electric (revision of ANSI/UL 834-2013)

This proposal revises the marking requirements for valves.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Marcia Kawate, (510) 319-4259, Marcia.M.Kawate@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1191-201X, Standard for Components for Personal Flotation Devices (revision of ANSI/UL 1191-2013)

UL proposes a recirculation of a proposal for UL 1191.

Click here to view these changes in full

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

Comment Deadline: January 15, 2018

ACCA (Air Conditioning Contractors of America)

Revision

BSR/ACCA 11 Manual Zr-201X, Residential Zoning (revision of ANSI/ACCA 11 Manual Zr-2012)

Zoning can be provided by zone dampers in a duct system; by ductless multi-split equipment; by two, or more, pieces of ductless split equipment; by two or more central air systems; by two or more PTAC or PTHP units; by two, or more, AHAM units (air conditioner or heat pump), by zone valves in a hot-water heating system (baseboard or radiant panel), or any combination thereof.

Single copy price: Free

Obtain an electronic copy from: acca.org/standards/ansi

Order from: Danny Halel, (703) 824-8868, danny.halel@acca.org

Send comments (with copy to psa@ansi.org) to: standards-sec@acca.org

ACMA (American Composites Manufacturers Association)

New Standard

BSR/ACMA/UCSC - FRP Composite Utility Poles-1-201x, ANSI/ACMA/UCSC-Standard Specification for FRP Composite Utility Poles (new standard)

By developing a Standard Specification for FRP Composite Utility Poles, the UCSC will be able to bring further understanding of composites as well as communicate the means to specify these products properly. This standard specification is consistent with the UCSC mission 'to improve power delivery and communications infrastructure by promoting the use and understanding of composite poles and crossarms for electrical distribution, transmission and communication structure applications.'

Single copy price: $75.00

Obtain an electronic copy from: lcox1225@gmail.com

Order from: Larry Cox, (740) 928-3286, Lcox1225@gmail.com

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

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

Revision

BSR/ASHRAE Standard 158.2-201x, Methods of Testing Capacity of Refrigerant Pressure Regulators (revision of ANSI/ASHRAE Standard 158.2-2011)

This revision of Standard 158.2-2011 provides a means of accurately measuring the refrigerant mass flow capacity of regulators.

Single copy price: $35.00

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

Order from: standards.section@ashrae.org

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

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

BSR/ATIS 0600315-201x, Voltage Levels for DC-Powered Equipment Used in the Telecommunications Environment (revision of ANSI ATIS 0600315-2013)

This standard establishes requirements and test procedures for voltage ranges and characteristics associated with the input voltage of telecommunications equipment powered from dc power systems in the telecommunications environment. It includes +12, + and -24, -48, + and -130, and 140 VDC.

Single copy price: $145.00

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

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

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

BSR/ATIS 0600328-201x, Protection of Telecommunications Links from Physical Stress and Radiation Effects and Associated Requirements for DC Power Systems (A Baseline Standard) (revision of ANSI ATIS 0600328 -2012)

This standard provides baseline measures describing the durability (survivability) of outside plant copper-conductor and optical fiber telecommunications distribution links to various levels of physical stress and radiation effects. The standard applies to optical fiber and metallic links for trunk, feeder, and local distribution. The standard includes information for the design and installation of aerial, buried, and underground plant, and applies to all telecommunications networks including - but not limited to - exchange carriers and interexchange carriers. The standard is intended for new installations, and not necessarily for replacement of existing systems.

Single copy price: $275.00

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

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

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

BSR/ATIS 0600330-201x, Valve-Regulated Lead-Acid Batteries Used in the Telecommunications Environment (revision of ANSI ATIS 0600330-2013)

This standard covers valve-regulated lead-acid (immobilized electrolyte) batteries, referred to in this standard as VRLA cells (or modules), used as a reserve energy source that supports dc-powered telecommunications load equipment.

Single copy price: $220.00

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

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

AWWA (American Water Works Association)

New Standard

BSR/AWWA E200-201x, Progressive Cavity Chemical Metering Pumps (new standard)

This standard provides minimum requirements for progressive cavity chemical metering pumps used with polymers and aggressive chemicals including sodium hypochlorite (NaOCl), ferric chloride (FeCl3), sulfuric acid (H2SO4), hydrochloric acid (HCl) and other strong acids and bases. This standard includes design, materials, application, testing, and delivery of these metering pumps.

Single copy price: Free

Obtain an electronic copy from: vdavid@awwa.org

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

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

AWWA (American Water Works Association)

Revision

BSR/AWWA C221-201x, Fabricated Steel Mechanical Slip-Type Expansion Joints (revision of ANSI/AWWA C221-2012)

This standard describes fabricated steel mechanical slip-type expansion joints having packing chambers for use on pipe with plain, flanged, grooved, or shouldered ends in nominal pipe sizes 3 in. (75 mm) and larger.

Single copy price: Free

Obtain an electronic copy from: vdavid@awwa.org

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

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

CSA (CSA Group)

Revision

BSR/CSA LC1-201x , Fuel Gas Piping Systems Using Corrugated Stainless Steel Tubing (same as CSA 6.26) (revision of ANSI/CSA LC 1-2016)

This standard details test and examination criteria for fuel gas piping systems, using corrugated stainless steel tubing, intended for installation in residential or commercial buildings, and including all components supplied or specified by the manufacturer to convey and control fuel gas to all appliances served.

Single copy price: Free

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

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

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

ECIA (Electronic Components Industry Association)

Reaffirmation

BSR/EIA 364-42C-2012 (R201x), Impact Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-42C-2012)

This standard establishes a method to determine the effects of impacts on electrical connectors.

Single copy price: $70.00

Obtain an electronic copy from: https://global.ihs.com/

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

Send comments (with copy to psa@ansi.org) to: Ed Mikoski, emikoski@ecianow.org

ECIA (Electronic Components Industry Association)

Reaffirmation

BSR/EIA 364-54A-1999 (R201x), Magnetic Permeability Test Procedure for Electrical Connectors, Contacts, and Sockets (reaffirmation of ANSI/EIA 364 -54A-1999 (R2012))

This standard applies to electrical connectors, contacts and sockets.

Single copy price: $75.00

Obtain an electronic copy from: https://global.ihs.com/

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

Send comments (with copy to psa@ansi.org) to: Ed Mikoski, emikoski@ecianow.org

ECIA (Electronic Components Industry Association)

Reaffirmation

BSR/EIA 364-95-1999 (R201x), Full Mating and Mating Stability Test Procedures for Electrical Connectors (reaffirmation of ANSI/EIA 364-95-1999 (R2012))

This document defines methods to evaluate the coupled condition of a connector plug, with its mating receptacle. This procedure assesses the ability of a connector pair to remain fully mated after exposure to test conditions but not during exposure.

Single copy price: $78.00

Obtain an electronic copy from: https://global.ihs.com/

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

Send comments (with copy to psa@ansi.org) to: Ed Mikoski, emikoski@ecianow.org

ECIA (Electronic Components Industry Association)

Reaffirmation

BSR/EIA 364-99-1999 (R201x), Gage Location and Retention Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-99-1999 (R2012))

This standard establishes a method of determining the gage location and retention of electrical connectors.

Single copy price: $75.00

Obtain an electronic copy from: https://global.ihs.com/

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

Send comments (with copy to psa@ansi.org) to: Ed Mikoski, emikoski@ecianow.org

ECIA (Electronic Components Industry Association)

Reaffirmation

BSR/EIA 364-102-1998 (R201x), Rise Time Degradation Test Procedure for Electrical Connectors, Sockets, Cable Assemblies or Interconnection Systems (reaffirmation of ANSI/EIA 364-102-1998 (R2012))

This standard is applicable to electrical connectors, sockets, cable assemblies, or interconnection systems.

Single copy price: $84.00

Obtain an electronic copy from: https://global.ihs.com/

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

Send comments (with copy to psa@ansi.org) to: Ed Mikoski, emikoski@ecianow.org

ECIA (Electronic Components Industry Association)

Reaffirmation

BSR/EIA 364-103-1998 (R201x), Propagation Delay Test Procedure for Electrical Connectors, Sockets, Cable Assemblies or Interconnection Systems (reaffirmation of ANSI/EIA 364-103-1998 (R2012))

This standard is applicable to electrical connectors, sockets, cable assemblies or interconnection systems.

Single copy price: $84.00

Obtain an electronic copy from: https://global.ihs.com/

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

Send comments (with copy to psa@ansi.org) to: Ed Mikoski, emikoski@ecianow.org

ESTA (Entertainment Services and Technology Association)

New Standard

BSR E1.51-201x, The 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)

E1.51 is intended to offer guidance, in the context of applicable standards and regulations in Canada, on how to select, install, use, and maintain single-conductor portable feeder cables used to supply power for television, film, live performance, and special events in Canada.

Single copy price: Free

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

Order from: Karl Ruling, (212) 244-1505, standards@esta.org

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

ESTA (Entertainment Services and Technology Association)

Reaffirmation

BSR E1.35-2013 (R201x), Lens Quality Measurements for Pattern Projecting Luminaires Intended for Entertainment Use (reaffirmation of ANSI E1.35 -2013)

E1.35 describes a method for measuring stage and studio luminaire lens quality with particular emphasis on contrast and perceived image quality (sharpness). It also offers a way for presenting these results on a datasheet in a format that is readily understood by a typical end-user. The 2013 version of the standard is being considered for reaffirmation.

Single copy price: Free

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

Order from: Karl Ruling, (212) 244-1505, standards@esta.org

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

ESTA (Entertainment Services and Technology Association)

Revision

BSR E1.4-3-201x, Entertainment Technology - Manually Operated Hoist Rigging Systems (revision and partition of ANSI E1.4-2014)

This standard applies to permanently installed, human-powered manually operated hoists used as part of rigging systems for raising, lowering, and suspension of scenery, properties, lighting, and similar loads. This standard establishes requirements for the design, manufacture, installation, inspection, and maintenance of manual hoist systems for lifting and suspension of loads for performance, presentation, and theatrical production.

Single copy price: Free

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

Order from: Karl Ruling, (212) 244-1505, standards@esta.org

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

NFSI (National Floor Safety Institute)

New Standard

BSR/NFSI B101.2-201x, Test Method for Determining the Impact on Wet Coefficients of Friction of Various Chemical or Physical Walkway Surface Cleaners and Treatments on Common Hard-Surface Flooring Materials (new standard)

This test method measures the change in Dynamic Coefficient of Friction (DCOF) and Static Coefficient of Friction (SCOF) as the result of applying a chemical floor cleaning agent or treatment onto a hard walkway surface under wet conditions. This standard shall only be used in a laboratory or other controlled area and is not suited for in-situ use.

Single copy price: $19.95

Obtain an electronic copy from: Laura Cooper, laurac@nfsi.org

Order from: Russell Kendzior, (817) 749-1700, russk@nfsi.org

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

PGMA (Portable Generator Manufacturers Association)

Revision

BSR/PGMA G300-201x, Safety and Performance of Portable Generators (revision of ANSI/PGMA G300-2015)

This standard applies to 15 kW or smaller; single-phase; 300 V or lower; 60-hertz; gasoline, liquefied petroleum gas (LPG) and diesel engine-driven portable generators intended for multiple use and intended to be moved, though not necessarily with wheels. Permanent stationary generators, 50-hertz generators, marine generators, trailer-mounted generators, generators in motor homes, generators intended to be pulled by vehicles, engine-driven welding power sources and portable generators with AC output circuits that are not compatible with NEMA receptacles are not covered.

Single copy price: Free

Obtain an electronic copy from: jharding@thomasamc.com

Order from: Joseph Harding, (216) 241-7333 X3008, jharding@thomasamc.com

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

SPRI (Single Ply Roofing Institute)

Revision

BSR/SPRI ED-1-201x, Design Standard for Edge Systems Used with Low-Slope Roofing Systems (revision and partition of ANSI/SPRI/FM 4435 ES-1 2011 and ANSI/SPRI GD-1 2010)

This Standard provides the basic requirements for wind-load design for roof edge securement of roof-edge systems, including gutters and nailers. It also provides information on material thicknesses that lead to satisfactory flatness, accommodating thermal movement, how to minimize corrosion, methods for testing roof-edge systems, and other factors affecting roof-edge performance. It is intended for use with the specifications and requirements of the manufacturers of the specific roofing materials and the edge systems used in the roofing assembly. The membrane manufacturer shall be consulted for specific recommendations for making the roof watertight at the edge.

Single copy price: $5.00

Obtain an electronic copy from: info@spri.org

Order from: info@spri.org / Linda King

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

TNI (The NELAC Institute)

Revision

BSR/TNI EL-V1M4-201x, Management and Technical Requirements for Laboratories performing Environmental Analysis, Module 4: Quality Systems for Chemical Testing (revision and redesignation of ANSI/TNI EL-V4-2016)

Volume 1 Module 4 of the current standard (Quality Systems for Chemical Testing is being modified to meet the needs of the major user. The modified sections are limited to 1.5.2.1.1, 1.5.2.1.3, 1.5.2.2, 1.5.2.2.1, and 1.5.2.2.2.

Single copy price: $130.00

Obtain an electronic copy from: ken.jackson@nelac-institute.org

Order from: Kenneth Jackson, (518) 899-9697, ken.jackson@nelac-institute.org

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 719-201X, Standard for Safety for Nonmetallic-Sheathed Cables (revision of ANSI/UL 719-2015)

Add requirements to address composite outer jacket of nylon/PVC, New 4.8.2.1, 5.15.1.1, and Table 10; Revised 4.7.1, 4.7.2, 5.2.1, 5.4.1, and Table 6.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Linda Phinney, (510) 319-4297, Linda.L.Phinney@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 746C-201x, Standard for Safety for Polymeric Materials - Use in Electrical Equipment Evaluations (revision of ANSI/UL 746C-2017)

This proposal is an revised version of a proposal for the alignment of the text in Paragraph 9.4 with that of Table 6.1 for the Comparative Tracking Index Test dated September 29, 2017.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Derrick Martin, (510) 319-4271, Derrick.L.Martin@ul.com

VC (ASC Z80) (The Vision Council)

Revision

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

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

Single copy price: $50.00

Obtain an electronic copy from: ascz80@thevisioncouncil.org

Order from: Michele Stolberg, 585-387-9913, ascz80@thevisioncouncil.org

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

Comment Deadline: January 30, 2018

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

ASME (American Society of Mechanical Engineers)

New Standard

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

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

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: Jihoon Oh, (212) 591-8544, ohj@asme.org

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

New Standard

BSR/INCITS 525-201x, Information technology - Next Generation Access Control - Implementation Requirements, Protocols and API Definitions (NGAC-IRPADS) (new standard)

Defines the details necessary to ensure the functional architecture defined by the NGAC-FA project, and the entities defined by the NGAC-GOADS project, can be realized by a number of different types of implementation at a range of cost, performance points and scalability levels. Both centralized and distributed implementations will be supported. Clean interfaces will be defined between the major components of the implementation to allow them to be procured separately but still provide the requisite level of cohesion and functionality at the system level. In some cases, different versions of an interface will be defined for use in different types of implementation.

Single copy price: Free

Obtain an electronic copy from: https://standards.incits.org/apps/org/workgroup/eb/download.php/93250

Order from: https://standards.incits.org/apps/org/workgroup/eb/download.php/93250

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

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

New Standard

BSR/INCITS 529-201x, Information technology - ATA/ATAPI Command Set - 4 (ACS-4) (new standard)

This project will be an evolutionary follow on to project ATA/ATAPI Command Set - 3. The project would: (a) Document the command set implemented by devices that support the ATA architecture; (b) Address new features that were not sufficiently developed for ACS-3; and (c) Any other proposals or modifications to the command set.

Single copy price: Free

Obtain an electronic copy from: https://standards.incits.org/apps/group_public/document.php?document_id=93215&wg_abbrev=eb

Order from: https://standards.incits.org/apps/group_public/document.php?document_id=93215&wg_abbrev=eb

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

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 60079-29-4-201X, Standard for Safety for Explosive Atmospheres - Part 29-4: Gas Detectors - Performance Requirements of Open Path Detectors for Flammable Gases (national adoption of IEC 60079-29-4 with modifications and revision of ANSI/ISA 12.13.04/FM 6325-2007 (R2014))

Adoption of IEC 60079-29-4, Explosive Atmospheres - Part 29-4: Gas Detectors - Performance Requirements of Open Path Detectors for Flammable Gases, (first edition, issued by IEC November 2009 and Corrigendum 1 issued August 2010) as a new IEC-based UL standard, UL 60079-29-4 with U.S. Differences.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: www.comm-2000.com

Order from: comm2000, 151 Eastern Avenue, Bensenville, IL 60106 USA, 1-888-853-3503

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

Projects Withdrawn from Consideration

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

ASTM (ASTM International)

BSR/ASTM F689-201x, Practice for Determination of the Temperature of Above-Ground Plastic Gas Pressure Pipe within Metallic Casings (new standard)

ASTM (ASTM International)

BSR/ASTM WK56715-201x, New Test Method for Impact testing for Projectiles used in the Sport of Paintball (new standard)

Notice of Withdrawn ANS by an ANSI-Accredited Standards Developer

In accordance with clause 4.2.1.3.2 Withdrawal by ANSI-Accredited Standards Developer of the ANSI Essential Requirements, the following American National Standards have been withdrawn as an ANS.

AAMI (Association for the Advancement of Medical Instrumentation)

ANSI/AAMI/ISO 15225-2016, Medical devices - Quality management - Medical device nomenclature data structure

Questions may be directed to: Will Vargas, (703) 647-2779, wvargas@aami.org

Correction

Updated ANSI/AWS Designations

ANSI/AWS C2.25/C2.25M-2012 (R2018) and ANSI/AWS C4.3/C4.3M-2018

At the request of the SDO, the reaffirmation year-date of ANSI/AWS C2.25/C2.25M and the revision year-date of ANSI/AWS C4.3/C4.3M have changed from 2017 to 2018. The correct designations of these standards are ANSI/AWS C2.25/C2.25M-2012 (R2018) and ANSI/AWS C4.3/C4.3M-2018.

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.

ACMA (American Composites Manufacturers Association)

Office: 3033 Wilson Boulevard, Suite 420
Arlington, VA 22201

Contact: *Larry Cox*

Phone: (740) 928-3286

Fax: (703) 525-0743

E-mail: Lcox1225@gmail.com

BSR/ACMA/UCSC- FRP Composite Utility Poles-1-201x, ANSI/ACMA/UCSC-Standard Specification for FRP Composite Utility Poles (new standard)

ASA (ASC S12) (Acoustical Society of America)

Office: 1305 Walt Whitman Rd
Suite 300
Melville, NY 11747

Contact: *Neil Stremmel*

Phone: (631) 390-0215

Fax: (631) 923-2875

E-mail: nstremmel@acousticalsociety.org

BSR ASA S12.14-201x, Methods for the Field Measurement of the Sound Output of Audible Public Warning Devices Installed at Fixed Locations Outdoors (revision of ANSI ASA S12.14-1992 (R2012))

BSR ASA S12.78-201x, Small Unmanned Aerial Systems - Determination of Airborne Acoustic Emission - Anechoic Chamber Method (new standard)

ECIA (Electronic Components Industry Association)

Office: 2214 Rock Hill Road
Suite 265
Herndon, VA 20170-4212

Contact: *Laura Donohoe*

Phone: (571) 323-0294

Fax: (571) 323-0245

E-mail: ldonohoe@ecianow.org

BSR/EIA 364-31F-201x, Humidity Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364 -31E-2017)

BSR/EIA 364-42C-2012 (R201x), Impact Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-42C-2012)

BSR/EIA 364-54A-1999 (R201x), Magnetic Permeability Test Procedure for Electrical Connectors, Contacts, and Sockets (reaffirmation of ANSI/EIA 364-54A-1999 (R2012))

BSR/EIA 364-95-1999 (R201x), Full Mating and Mating Stability Test Procedures for Electrical Connectors (reaffirmation of ANSI/EIA 364 -95-1999 (R2012))

BSR/EIA 364-99-1999 (R201x), Gage Location and Retention Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-99 -1999 (R2012))

BSR/EIA 364-102-1998 (R201x), Rise Time Degradation Test Procedure for Electrical Connectors, Sockets, Cable Assemblies or Interconnection Systems (reaffirmation of ANSI/EIA 364-102-1998 (R2012))

BSR/EIA 364-103-1998 (R201x), Propagation Delay Test Procedure for Electrical Connectors, Sockets, Cable Assemblies or Interconnection Systems (reaffirmation of ANSI/EIA 364-103-1998 (R2012))

IES (Illuminating Engineering Society)

Office: 120 Wall St. 17th Floor
New York, NY 10005

Contact: *Patricia McGillicuddy*

Phone: (212) 248-5000

E-mail: pmcgillicuddy@ies.org

BSR/IES TM-34-201x, Technical Memorandum for Recommendations for Measuring Tunable White Solid-State Lighting Products (new standard)

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

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

Contact: *Rachel Porter*

Phone: (202) 737-8888

E-mail: comments@standards.incits.org

BSR/INCITS 525-201x, Information technology - Next Generation Access Control - Implementation Requirements, Protocols and API Definitions (NGAC-IRPADS) (new standard)

BSR/INCITS 529-201x, Information technology - ATA/ATAPI Command Set - 4 (ACS-4) (new standard)

NECA (National Electrical Contractors Association)

Office: 3 Bethesda Metro Center
Suite 1100
Bethesda, MD 20814

Contact: *Aga Golriz*

Phone: (301) 215-4549

E-mail: Aga.golriz@necanet.org

BSR/NECA 507-201X, Recommended Practices for Electrical Wiring and Equipment in Hazardous Locations (new standard)

NEMA (ASC C136) (National Electrical Manufacturers Association)

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

Contact: *Karen Willis*

Phone: (703) 841-3277

Fax: (703) 841-3378

E-mail: Karen.Willis@nema.org

BSR C136.32-201X, Standard for Roadway and Area Lighting Equipment - Enclosed Setback Luminaires and Directional Floodlights (revision of ANSI C136.32-2012)

NFPA (National Fire Protection Association)

Office: 1 Batterymarch Park
Quincy, MA 02169

Contact: *Dawn Michele Bellis*

Phone: (617) 984-7246

E-mail: dbellis@nfpa.org

BSR/NFPA 402-201x, Guide for Aircraft Rescue and Fire-Fighting Operations (revision of ANSI/NFPA 402-2012)

NSF (NSF International)

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

Contact: *Jason Snider*

Phone: (734) 418-6660

E-mail: jsnider@nsf.org

BSR/NSF 40-201x (i31r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2013)

BSR/NSF 50-201x (i132r1), Equipment for Swimming Pools, Spas, Hot Tubs (revision of ANSI/NSF 50-2016)

BSR/NSF 245-201x (i12r1), Wastewater treatment systems - Nitrogen reduction (revision of ANSI/NSF 245-2013)

BSR/NSF 350-201x (i24r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2014)

BSR/NSF 350-201x (i26r1), Onsite residential and commercial, water reuse treatment systems (revision of ANSI/NSF 350-2017)

BSR/NSF 359-201x (i3r), Valves for Crosslinked Polyethelene (PEX) Water Distribution Tubing Systems (revision of ANSI/NSF 359-2016)

TIA (Telecommunications Industry Association)

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

Contact: *Teesha Jenkins*

Phone: (703) 907-7706

Fax: (703) 907-7727

E-mail: standards@tiaonline.org

BSR/TIA 604-5-F-201x, FOCIS 5 Fiber Optic Connector Intermateability Standard- Type MPO (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.

ASABE (American Society of Agricultural and Biological Engineers)

Reaffirmation

ANSI/ASAE D241.4-FEB93 (R2017), Density, Specific Gravity, and Mass-Moisture Relationships of Grain for Storage (reaffirmation of ANSI/ASAE D241.4-FEB93 (R2013)): 11/28/2017

ANSI/ASAE EP400.3-2007 (R2017), Designing and Constructing Irrigation Wells (reaffirmation of ANSI/ASAE EP400.3-2007 (R2012)): 11/28/2017

ANSI/ASAE EP446.3-2008 (R2017), Loads Exerted by Irish Potatoes in Shallow Bulk Storage Structures (reaffirmation of ANSI/ASAE EP446.3-2008 (R2012)): 11/28/2017

ANSI/ASAE S401.2-AUG93 (R2017), Guidelines for Use of Thermal Insulation in Agricultural Buildings (reaffirmation of ANSI/ASAE S401.2-AUG93 (R2012)): 11/28/2017

CSA (CSA Group)

Revision

* ANSI Z83.7-2017, Gas-Fired Construction Heaters (same as CSA 2.14) (revision of ANSI Z83.7-2011 (R2016)): 11/28/2017

CTA (Consumer Technology Association)

New Standard

* ANSI/CTA 2060-2017, Interoperability Standards Series for Consumer EEG Data - File Storage (new standard): 11/21/2017

DASMA (Door and Access Systems Manufacturers Association)

New Standard

* ANSI/DASMA 303-2017, Performance Criteria for Accessible Communications Entry Systems (new standard): 11/21/2017

Revision

* ANSI/DASMA 115-2017, Standard Method for Testing Sectional Doors, Rolling Doors and Flexible Doors: Determination of Structural Performance Under Missile Impact and Cyclic Wind Pressure (revision of ANSI/DASMA 115-2014): 11/21/2017

IEEE (Institute of Electrical and Electronics Engineers)

New Standard

ANSI/IEEE C57.159-2016, Guide on Transformers for Application in Distributed Photovoltaic (DPV) Power Generation Systems (new standard): 11/21/2017

Revision

ANSI/IEEE 497-2016, Standard Criteria for Accident Monitoring Instrumentation for Nuclear Power Generating Stations (revision of ANSI/IEEE 497-2010): 11/21/2017

ANSI/IEEE C37.119-2016, Guide for Breaker Failure Protection of Power Circuit Breakers (revision of ANSI/IEEE C37.119-2005 (R2010)): 11/28/2017

ANSI/IEEE C62.36-2016, Standard Test Methods for Surge Protectors and Protective Circuits Used in Information and Communications Technology (ICT) Circuits, and Smart Grid Data Circuits (revision of ANSI/IEEE C62.36-2000 (R2006)): 11/28/2017

NSF (NSF International)

Revision

* ANSI/NSF 350-2017 (i22r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of BSR/NSF 350-2017 (i22r1)): 11/23/2017

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

New National Adoption

* ANSI/RESNA WC-4-2017, RESNA Standard for Wheelchairs - Volume 4: Wheelchairs and Transportation (national adoption of ISO 10865 -1:2012 with modifications and revision of ANSI/RESNA WC Volume 4-2012): 11/27/2017

UL (Underwriters Laboratories, Inc.)

Revision

* ANSI/UL 1559-2017, Insect-Control Equipment - Electrocution Type (December 30, 2016) (revision of ANSI/UL 1559-2011b): 11/20/2017

ANSI/UL 2251-2017, Standard for Safety for Plugs, Receptacles, and Couplers for Electric Vehicle (revision of ANSI/UL 2251-2013): 11/20/2017

ANSI/UL 2251-2017a, Standard for Safety for Plugs, Receptacles, and Couplers for Electric Vehicle (revision of ANSI/UL 2251-2013): 11/20/2017

WMA (World Millwork Alliance)

Revision

* ANSI/WMA 100-2018, Standard Method of Determining Structural Performance Ratings of Side-Hinged Exterior Door Systems and Procedures for Component Substitution (revision of ANSI/WMA 100 -2016): 11/28/2017

Project Initiation Notification System (PINS)

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

Following is a list of proposed actions and new ANS that have been received recently from ASDs. Please also review the section in Standards Action entitled "American National Standards Maintained Under Continuous Maintenance" for additional or comparable information with regard to standards maintained under the continuous maintenance option. 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.

AAFS (American Academy of Forensic Sciences)

Contact: Teresa Ambrosius, (719) 453-1036, tambrosius@aafs.org

BSR/ASB Std 045-201x, Standard for Stature Estimation from Human Remains (new standard)

Stakeholders: Forensic anthropologists estimating stature from complete or partial skeletal remains.

Project Need: There are no publically available standards on this topic. Stature is one of several biological parameters that can be estimated from skeletal remains or radiographic images of skeletal remains. This document is intended to assist forensic anthropologists when estimating stature from complete or partial skeletal remains.

Stature is one of several biological parameters that can be estimated from skeletal remains or radiographic images of skeletal remains. Stature estimation is based on a mathematical relationship between skeletal dimensions and stature (or height). Skeletal remains shall be analyzed in a reliable and systematic manner for the purpose of estimating stature using appropriate methods and the stature estimation process documented. This standard describes methods for estimating adult stature from skeletal elements when disarticulation has occurred, rendering measured cadaver length unreliable.

ABMA (ASC B3) (American Bearing Manufacturers Association)

Contact: James Converse, (919) 481-2852, jconverse@americanbearings.org

BSR ABMA 10-201x, Metal Balls (new standard)

Stakeholders: U.S. bearing manufacturers and users.

Project Need: To reinstate a previously withdrawn standard.

This standard establishes the requirements for finished metal balls for rolling contact (ball) bearings and other uses.

ANS (American Nuclear Society)

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

BSR/ANS 8.3-201x, Criticality Accident Alarm System (revision of ANSI/ANS 8.3-1997 (R2017))

Stakeholders: Criticality safety programs nationwide, U.S. Department of Energy, and the U.S. Nuclear Regulatory Commission.

Project Need: A revision of the standard is necessary based on lessons learned from usage of the current version as well as to address N16 and public review comments received during the recent reaffirmation process. The revision will focus on make the document self-consistent and consistent with other ANSI/ANS-8 standards. The working committee intends to work on the revision on a line-by-line basis.

This standard is applicable to operations with fissionable materials in which inadvertent criticality could occur leading to an excessive radiation dose to personnel. This standard is not applicable to nuclear reactors or critical experiments.

ASA (ASC S12) (Acoustical Society of America)

Contact: Neil Stremmel, (631) 390-0215, nstremmel@acousticalsociety.org

BSR ASA S12.14-201x, Methods for the Field Measurement of the Sound Output of Audible Public Warning Devices Installed at Fixed Locations Outdoors (revision of ANSI ASA S12.14-1992 (R2012))

Stakeholders: Manufacturers of sirens and audible public warning devices.

Project Need: Updating to reflect changing technology of measurement instruments and newer types of sirens.

Describes relatively simple procedures for measuring and reporting properties of sounds produced by audible public-warning devices. Methods are given for measurement of C-weighted sound level, for determining the 1/3 octave band containing the fundamental frequency of tonal warning sounds produced by such devices at a distance of 30.5 m from the device and at the mounted height of device, and for measuring the maximum level of sound from a warning sound source at heads of bystanders on ground.

* BSR ASA S12.78-201x, Small Unmanned Aerial Systems - Determination of Airborne Acoustic Emission - Anechoic Chamber Method (new standard)

Stakeholders: Government, consumers, manufacturers, military, land owners, environmental, commercial acoustic labs.

Project Need: The proliferation of unmanned aerial systems in both commercial and consumer markets has created a new source of noise in the environment. Quantifying the sound emission from these aircraft will help to understand the impact on the environment and provide valuable data for both potential owners and government regulators.

Describes a procedure for measurement of sound power emission from unmanned aerial systems (UAEs) under 55 lbs in an anechoic chamber. Data from this measurement would give sufficient information for an overall sound power level for item under test. The data can be used as input for sound propagation modeling to predict ground-level sound pressure levels. The sound power level may be used to generate product noise rating and labeling that may provide consumers an informed choice in purchase of small UAEs.

ASABE (American Society of Agricultural and Biological Engineers)

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

BSR/ASAE S572.2 MONYEAR-201x, Spray Nozzle Classification by Droplet Spectra (revision of ANSI/ASAE S572.1 MAR2009 (R2013))

Stakeholders: Researchers, nozzle and sprayer manufacturers, agrochemical producers, crop consultants, spray applicators, governmental regulatory agencies.

Project Need: Correct an error in Table 1.

Defines droplet spectrum categories for classification of spray nozzles, relative to specified reference fan nozzles discharging spray into static air so that no stream of air enhances atomization. The purpose of classification is to provide the nozzle user with droplet-size information to indicate off-site spray drift potential and for application efficacy. The Standard defines a means for relative nozzle comparisons only based on droplet size. Other spray drift and application efficacy factors (droplet discharge trajectory, height and velocity, air bubble inclusion, droplet evaporation, impaction on target) are examples of factors not addressed in standard.

ASC X9 (Accredited Standards Committee X9, Incorporated)

Contact: Ambria Frazier, (410) 267-7707, Ambria.frazier@x9.org

BSR X9.79-4-201x, Public Key Infrastructure - Part 4: Asymmetric Key Management (revision of ANSI X9.79 - Part 4-2013)

Stakeholders: Developers, service providers, financial institutions, regulators, and auditors.

Project Need: Updates are needed to address changes in technology and the financial services industry.

Public Key Infrastructure (PKI) - Part 4: Asymmetric Key Management for the Financial Services Industry addresses the management and security of asymmetric keys for protecting financial information and other associated data independent of the asymmetric algorithm, schemes or public key cryptography protocol. An asymmetric key pair consists of a mathematically related private key and public key that are jointly created using an asymmetric key generation algorithm. Only the public key (often encapsulated within an X.509 certificate issued by a certification authority) is distributed to the relying party. The corresponding private key must be retained by the originating party. Topics in scope of this standard include the following:
- Asymmetric key pairs utilized for the protection of financial data during transmission, in storage, or processing;
- Asymmetric key pairs utilized on computer systems, including mainframes, mid-range servers, client workstations, laptops, and other client platforms;
- Asymmetric key pairs utilized on network (wired) devices, including firewalls, routers, switches, load balancers, monitoring systems and other appliances;
- Asymmetric key pairs utilized on mobile (wireless) devices, including phones, pads, and tablets; and
- Asymmetric key pairs utilized on cryptographic hardware and software modules.

ASME (American Society of Mechanical Engineers)

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

BSR/ASME V&V 30.X -20XX , Scaling Uses and Context for Nuclear Power System Evaluation Model Validation Data Development

Stakeholders: Utilities, manufacturers, designers, laboratories, consultants, and government.

Project Need: Scaling is used to compare and contrast phenomena and guide formulation of analysis tools (evaluation model and input) and design of test facilities for the plant behavior. There are currently no industry consensus standards supporting the nuclear power industry in this area.

The Evaluation Models related to the transient behavior of Nuclear Power Plants are mostly based on Thermal Hydraulics System codes. Due to the demanding memory and time to obtain solutions, the Computational Fluid Dynamics codes are used for evaluating the response of subsystems and modules. In some cases, these codes are coupled. This standard sets the relationships between Separate Effects Tests, Integral Effects Tests, and the Nuclear Power System.

ASTM (ASTM International)

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

BSR/ASTM WK61117-201x, New Practice for Standard Practice for Electrofusion Joining of Polyethylene (PE) and Polyamide (PA) Pipe and Fittings (new standard)

Stakeholders: Joining industry.

Project Need: New standard practice for Electrofusion joining of PE and PA pipe and fittings for use in pressure applications (gas, water, etc.).

https://www.astm.org/DATABASE.CART/WORKITEMS/WK61117.htm

AWWA (American Water Works Association)

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

BSR/AWWA B1XX-201x, Manganese Oxide Media (new standard)

Stakeholders: Water Treatment and Supply industry, water utilities, consulting engineers, water treatment equipment manufacturers, etc.

Project Need: The purpose of this standard is to provide the minimum requirements for manganese oxide media, including physical, chemical, packaging, shipping, testing requirements and design specifications. Because this group of materials is very diverse, other specifications and quality requirements may be important for a successful installation, and the manufacturer must be consulted.

This standard describes manufactured manganese oxide media used in pressure and gravity filters to remove iron, manganese, radium, arsenic, and hydrogen sulfide for potable and reclaimed water applications. This standard does not cover manganese oxide media made on site. It discusses the placement, handling, preparation, and regeneration of manganese oxide media.

BSR/AWWA CRCV-201x, Rotary Cone Valves for Water, Wastewater and Reclaimed Water Service (new standard)

Stakeholders: Water Treatment and Supply industry, water utilities, consulting engineers, water treatment equipment manufacturers, etc.

Project Need: The purpose of this standard is to provide the minimum requirements for 6-in. through 60-in. (150-mm through 1,500-mm) rotary cone valves for water, wastewater, and reclaimed water supply service, including material, design, inspection, testing, marking, handling, and packaging for shipment.

This standard describes gray-iron, ductile-iron, and cast-steel flanged-end, low-leakage, shaft- or trunnion-mounted, full-port, double- and single-seated rotary cone valves for pressures up to 150 psi (1,050 kPa) in sizes 6-in. through 60-in. (150-mm through 1,500-mm) diameter and pressures up to 300 psi (2,100 kPa) in sizes from 6-in. through 48-in. (150-mm through 1,200-mm) diameter for use in water, wastewater, and reclaimed water systems.

ECIA (Electronic Components Industry Association)

Contact: Laura Donohoe, (571) 323-0294, ldonohoe@ecianow.org

BSR/EIA 364-31F-201x, Humidity Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364-31E-2017)

Stakeholders: Electrical, electronics and telecommunications industries.

Project Need: Revise and redesignate current American National Standard.

The purpose of these tests is to evaluate materials and/or connector/socket assemblies as they are impacted by the effects of high humidity and heat. These tests are intended to be noncondensing.

IEEE (ASC C63) (Institute of Electrical and Electronics Engineers)

Contact: Jennifer Santulli, (732) 562-3874, J.Santulli@ieee.org

BSR C63.4-201x, Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz (revision, redesignation and consolidation of ANSI/IEEE C63.4-2014)

Stakeholders: EMC test laboratories, EMC test equipment manufacturers, accreditation bodies, EMC calibration laboratories, and authorities associated with ensuring products meet their regulatory emission limits. Also included are manufacturers of equipment subject to the use of this standard.

Project Need: This present edition (C63.4-2014) of the standard is approaching its review period for currency, also C63.4a-2017) was recently released. There have been many requests for interpretations, which now need to be considered. Consequently, it was decided that clarifications of the requirements and information only statements were needed. In addition, there is new information that has been developed as well as a few corrections that need to be included. There may be other changes to be determined as the project proceeds.

The standard includes methods of measurement of radiated and conducted emissions from equipment being tested. It also contains requirements for measurement equipment as well as test sites.

BSR C63.5-201x, Standard for Electromagnetic Compatibility - Radiated Emission Measurements in Electromagnetic Interference (EMI) Control - Calibration and Qualification of Antennas (9 kHz to 40 GHz) (revision of ANSI C63.5-2017)

Stakeholders: EMC test laboratories, EMC test equipment manufacturers, EMC laboratory accreditation bodies, regulatory bodies.

Project Need: Corrections are needed to address the prescription of 10dB attenuators in clause 5.1.1(e) so selection of the attenuator ensures no more than a 2:1 SWR at the connection point between the measurement system and the Antenna Under Calibration (AUC).

This project proposes to create a corrigendum to the recently published document ANSI C63.5:2017 to make corrections to clarify the selection of attenuator values documented in 5.1.1e.

BSR C63.27-201X, Standard on Evaluation of Wireless Coexistence (revision of ANSI C63.27-2017)

Stakeholders: Manufacturers of wireless devices, IT enterprise managers, regulators (e.g., FCC, FDA) and test laboratories.

Project Need: During the development of C63.27, items were deferred to future versions to focus on establishing test methods and provide some technology specific guidance. The WG has received feedback that the standard is being implemented for use cases (e.g., in a production line) not previously considered.

Topics being proposed for version 2 include:
- Wi-Fi/LTE guidance;
- improvements to the estimation of probability-of-coexistence (advancing from the likelihood-of-coexistence used in version 1);
- improvements to the test methods to increase repeatability; and
- improvement of measurement uncertainty guidance.

BSR IEEE C63.23-201x, Measurement Uncertainty (revision of ANSI IEEE C63.23-2012)

Stakeholders: EMC and radio test laboratories and equipment manufacturers, laboratory accreditation bodies, government agencies, manufacturers.

Project Need: This project is needed to address measurement uncertainty for a number of wireless transmitter measurements contained in C63.10 and C63.26, which are not currently addressed by C63.23

This PINS is intended to address the following topics to be incorporated into the revision:
1. Editorial corrections as required
2. Addition of measurement uncertainty for the following measurements required for intentional radiators:
a. Output power
b. Frequency stability
c. Emission mask assessments
d. Signal substitution
e. Other tests, as required.

IES (Illuminating Engineering Society)

Contact: Patricia McGillicuddy, (212) 248-5000, pmcgillicuddy@ies.org

BSR/IES TM-34-201x, Technical Memorandum for Recommendations for Measuring Tunable White Solid-State Lighting Products (new standard)

Stakeholders: Lighting practitioners, manufacturers, testing labs, scientists.

Project Need: To establish a consistent and effective method for testing, interpolating, and reporting performance data for tunable white solid-state lighting products.

This document describes the parameters for measuring photometric and electrical characteristics of tunable white solid-state lighting products - including lamps, luminaires, and light engines - as covered by IES LM-79. It also describes a method for interpolating between measured data to obtain specified characteristics, including CCT range, Duv range, lumen output range (at full intensity control as color changes), efficacy at maximum output, efficacy range, color rendition range (CIE Ra, CIE R9, IES Rf, IES Rg, IES Rcs,h1), and chromaticity coordinates (x, y, u', v').

NECA (National Electrical Contractors Association)

Contact: Aga Golriz, (301) 215-4549, Aga.golriz@necanet.org

* BSR/NECA 507-201X, Recommended Practices for Electrical Wiring and Equipment in Hazardous Locations (new standard)

Stakeholders: Electrical contractors, specifiers, electrical workers, inspectors, building owners, maintenance engineers.

Project Need: National Electrical Installation Standards (developed by NECA in partnership with other industry organizations) are the first performance standards for electrical construction. They go beyond the basic safety requirements of the National Electrical Code to clearly define what is meant by installing products and systems in a "neat and workmanlike" manner.

This recommended practice covers system design, quality, performance, and workmanship related to installing and maintaining electrical wiring and equipment in hazardous locations.

NEMA (ASC C136) (National Electrical Manufacturers Association)

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

BSR C136.32-201X, Standard for Roadway and Area Lighting Equipment - Enclosed Setback Luminaires and Directional Floodlights (revision of ANSI C136.32 -2012)

Stakeholders: Users, producers, general interest.

Project Need: This project is needed to include new technologies in the standard.

This standard covers dimensional, maintenance, and electrical features that permit the interchange of similar style enclosed luminaires having the same light distribution classification or type used in roadway or area lighting equipment. Luminaires covered by this standard are generally yoke-, trunnion-, or tenon-mounted. The standard will be updated to include new technologies.

TIA (Telecommunications Industry Association)

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

BSR/TIA 604-5-F-201x, FOCIS 5 Fiber Optic Connector Intermateability Standard - Type MPO (new standard)

Stakeholders: Telecommunications industry, data center operators, data communications cable and connector manufacturers.

Project Need: Create new standard.

The project will revise the existing FOCIS-5 standard to harmonize it with the IEC equivalent documents. The changes are minimal and mostly edits that will allow the document to be in complete harmony with its IEC sister document, 61754-7. Technical changes include ferrule orientation options, ferrule travel, contact force and minor upgrades to spring compression definition. The overall scope of the document is not changing.

VC (ASC Z80) (The Vision Council)

Contact: Michele Stolberg, 585-387-9913, ascz80@thevisioncouncil.org

* BSR Z80.27-201x, Implantable Glaucoma Devices (revision of ANSI Z80.27-2014)

Stakeholders: Patients, glaucoma device manufacturers, clinicians, regulatory agencies.

Project Need: 5-year review and the need to incorporate new technology for MIGS (Micro Invasive Glaucoma Surgery).

The scope of this standard applies to devices that are implanted in the eye to treat glaucoma by facilitating aqueous outflow. The standard excludes glaucoma devices whose effect depends upon metabolic and/or pharmacologic mechanisms.

American National Standards Maintained Under Continuous Maintenance

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

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

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

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

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

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

ANSI-Accredited Standards Developers Contact Information

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

AAFS
American Academy of Forensic Sciences
4200 Wisconsin Ave, NW Suite 106 -310
Washington, DC 20016
Phone: (719) 453-1036
Web: www.aafs.org

ABMA (ASC B3)
American Bearing Manufacturers Association
330 N. Wabash Avenue
Suite 2000
Chicago, IL 60611
Phone: (919) 481-2852
Fax: (919) 827-4587
Web: www.americanbearings.org

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

ACMA
American Composites Manufacturers Association
3033 Wilson Boulevard, Suite 420
Arlington, VA 22201
Phone: (740) 928-3286
Fax: (703) 525-0743
Web: www.icpa-hq.org

ANS
American Nuclear Society
555 North Kensington Avenue
La Grange Park, IL 60526
Phone: (708) 579-8268
Fax: (708) 579-8248
Web: www.ans.org

ASA (ASC S12)
Acoustical Society of America
1305 Walt Whitman Rd
Suite 300
Melville, NY 11747
Phone: (631) 390-0215
Fax: (631) 923-2875
Web: www.acousticalsociety.org

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

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

ASHRAE
American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.
1791 Tullie Circle, NE
Atlanta, GA 30329
Phone: (404) 636-8400
Fax: (404) 321-5478
Web: www.ashrae.org

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

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

ATIS
Alliance for Telecommunications Industry Solutions
1200 G Street NW
Suite 500
Washington, DC 20005
Phone: (202) 434-8840
Web: www.atis.org

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

CSA
CSA Group
8501 East Pleasant Valley Rd.
Cleveland, OH 44131
Phone: (216) 524-4990 x88321
Fax: (216) 520-8979
Web: www.csa-america.org

CTA
Consumer Technology Association
1919 South Eads Street
Arlington, VA 22202
Phone: (703) 907-7697
Fax: (703) 907-4197
Web: www.cta.tech

DASMA
Door and Access Systems Manufacturers Association
1300 Sumner Avenue
Cleveland, OH 44115
Phone: (216) 241-7333
Fax: (216) 241-0105

ECIA
Electronic Components Industry Association
2214 Rock Hill Road
Suite 265
Herndon, VA 20170-4212
Phone: (571) 323-0294
Fax: (571) 323-0245
Web: www.ecianow.org

ESTA
Entertainment Services and Technology Association
630 Ninth Avenue
Suite 609
New York, NY 10036-3748
Phone: (212) 244-1505
Fax: (212) 244-1502
Web: www.esta.org

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

IEEE (ASC C63)
Institute of Electrical and Electronics Engineers
445 Hoes Lane
Piscataway, NJ 08854
Phone: (732) 562-3874
Web: www.ieee.org

IES
Illuminating Engineering Society
120 Wall St. 17th Floor
New York, NY 10005
Phone: (212) 248-5000
Web: www.ies.org

ITI (INCITS)
InterNational Committee for Information Technology Standards
1101 K Street NW
Suite 610
Washington, DC 20005
Phone: (202) 737-8888
Web: www.incits.org

NECA
National Electrical Contractors Association
3 Bethesda Metro Center
Suite 1100
Bethesda, MD 20814
Phone: (301) 215-4549
Web: www.neca-neis.org

NEMA (ASC C136)
National Electrical Manufacturers Association
1300 North 17th Street
Suite 900
Rosslyn, VA 22209
Phone: (703) 841-3277
Fax: (703) 841-3378
Web: www.nema.org

NFSI
National Floor Safety Institute

P.O. Box 92607
Southlake, TX 76092
Phone: (817) 749-1700
Fax: (817) 749-1702
Web: www.nfsi.org

NSF
NSF International

789 N. Dixboro Road
Ann Arbor, MI 48105-9723
Phone: (734) 418-6660
Web: www.nsf.org

PGMA
Portable Generator Manufacturers Association

1300 Sumner Avenue
Cleveland, OH 44115-2851
Phone: (216) 241-7333 X3008
Fax: (216) 241-0105
Web: www.pgmaonline.com

RESNA
Rehabilitation Engineering and Assistive Technology Society of North America

1560 Wilson Blvd.
Suite 850
Arlington, VA 22209-1903
Phone: (703) 524-6686
Fax: (703) 524-6686
Web: www.resna.org

SPRI
Single Ply Roofing Institute

465 Waverley Oaks Road
Suite 421
Waltham, MA 02452
Phone: (781) 647-7026
Fax: (781) 647-7222
Web: www.spri.org

TIA
Telecommunications Industry Association

1320 North Courthouse Road
Suite 200
Arlington, VA 22201
Phone: (703) 907-7706
Fax: (703) 907-7727
Web: www.tiaonline.org

TNI
The NELAC Institute

PO Box 2439
Weatherford, TX 76086
Phone: (518) 899-9697
Fax: (817) 598-1177
Web: www.NELAC-Institute.org

UL
Underwriters Laboratories, Inc.

12 Laboratory Drive
Research Triangle Park, NC 27709
-3995
Phone: (919) 549-1851
Web: www.ul.com

VC (ASC Z80)
The Vision Council of North America

225 Reinekers Lane
Alexandria, VA 22314
Phone: 585-387-9913
Web: www.z80asc.com

WMA
World Millwork Alliance

10047 Robert Trent Jones Parkway
New Port Richey, FL 34655
Phone: (727) 372-3665
Fax: (727) 372-2879
Web: worldmillworkalliance.com

ISO & IEC Draft International Standards

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

Comments

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

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

Ordering Instructions

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

ISO Standards

ADDITIVE MANUFACTURING (TC 261)

ISO/ASTM DIS 52911-1, Additive manufacturing - Technical design guideline for powder bed fusion - Part 1: Laser-based powder bed fusion of metals - 12/8/2017, $88.00

ISO/ASTM DIS 52911-2, Additive manufacturing - Technical design guideline for powder bed fusion - Part 2: Laser-based powder bed fusion of polymers - 12/8/2017, $77.00

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 5496/DAmd1, Sensory analysis - Methodology - Initiation and training of assessors in the detection and recognition of odours - Amendment 1 - 11/12/2015, $29.00

ISO/DIS 21846, Vegetable fats and oils - Determination of composition of triacylglycerols and composition and content of diacylglycerols by capillary gas chromatography - 12/10/2017, $58.00

ISO/DIS 28198, Vegetable fats and oils - Determination of toluene insoluble matter - 12/14/2017, $46.00

ISO/DIS 18363-2, Animal and vegetable fats and oils - Determination of fatty-acid-bound chloropropanediols (MCPDs) and glycidol by GC/MS - Part 2: Method using slow alkaline transesterification and measurement for 2-MCPD, 3-MCPD and glycidol - 12/14/2017, $82.00

AIR QUALITY (TC 146)

ISO/DIS 28902-3, Air quality - Environmental meteorology - Part 3: Ground-based remote sensing of wind by continuous-wave doppler lidar - 12/7/2017, $77.00

ISO/DIS 16000-23, Indoor air - Part 23: Performance test for evaluating the reduction of formaldehyde and other carbonyl compounds concentrations by sorptive building materials - 12/11/2017, $102.00

ISO/DIS 16000-24, Indoor air - Part 24: Performance test for evaluating the reduction of volatile organic compound concentrations by sorptive building materials - 12/14/2017, $88.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 21785, Air cargo unit load devices - Load distribution model - 2/8/2018, $46.00

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

ISO/DIS 20186-3, Molecular in-vitro diagnostic examinations - Specifications for pre-examination processes for venous whole blood - Cellular RNA - Part 3: Isolated circulating cell free DNA from plasma - 1/27/2018, $82.00

CONCRETE, REINFORCED CONCRETE AND PRE-STRESSED CONCRETE (TC 71)

ISO/DIS 18408, Concrete - Reinforced concrete and pre-stressed concrete - Simplified structural design guidelines for reinforced concrete wall buildings - 2/4/2018, $146.00

ISO/DIS 21022, Test method for fibre-reinforced cementitious composites - Load-delfection curve using circular plates - 2/2/2018, $46.00

CRYOGENIC VESSELS (TC 220)

ISO/DIS 20421-1, Cryogenic vessels - Large transportable vacuum-insulated vessels - Part 1: Design, fabrication, inspection and testing - 2/5/2018, $175.00

ENVIRONMENTAL MANAGEMENT (TC 207)

ISO/DIS 14005, Environmental management systems - Guidelines for a flexible approach to phased implementation - 2/5/2018, $98.00

ISO/DIS 14064-3, Greenhouse gases - Part 3: Specification with guidance for the verification and validation of greenhouse gas statements - 12/8/2017, $185.00

FASTENERS (TC 2)

ISO/DIS 3506-1, Mechanical properties of corrosion-resistant stainless steel fasteners - Part 1: Bolts, screws and studs with specified property classes - Coarse pitch thread and fine pitch thread - 2/2/2018, $107.00

ISO/DIS 3506-2, Mechanical properties of corrosion-resistant stainless steel fasteners - Part 2: Nuts with specified property classes - Coarse pitch thread and fine pitch thread - 2/2/2018, $93.00

ISO/DIS 3506-6, Mechanical properties of corrosion-resistant stainless steel fasteners - Part 6: Guidance for the selection of stainless steels and nickel alloys for fasteners - 2/2/2018, $77.00

FERTILIZERS AND SOIL CONDITIONERS (TC 134)

ISO/DIS 19745, Fertilizers and soil conditioners - Determination of crude (free) water content of ammoniated phosphate products - DAP, MAP - by gravimetric vacuum oven at 50°C - 2/1/2018, $40.00

FINE BUBBLE TECHNOLOGY (TC 281)

ISO/DIS 20298-1, Fine bubble technology - Sampling and sample preparation for measurement - Part 1: Ultrafine bubble dispersion in water - 1/28/2018, $46.00

ISO/DIS 20480-2, Fine bubble technology - General principles for usage and measurement of fine bubbles - Part 2: General principles - 12/16/2017, $58.00

FLOOR COVERINGS (TC 219)

ISO/DIS 10581, Resilient floor coverings - Homogeneous poly(vinyl chloride) floor covering - Specifications - 2/11/2018, $46.00

FLUID POWER SYSTEMS (TC 131)

ISO 19973-2/DAmd1, Pneumatic fluid power - Assessment of component reliability by testing - Part 2: Directional control valves - Amendment 1 - 2/8/2018, $46.00

HUMAN RESOURCE MANAGEMENT (TC 260)

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

ISO/DIS 30414, Human resource management - Guidelines for human capital reporting for internal and external stakeholders - 2/1/2018, $107.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO/DIS 16300-1, Automation systems and integration - Interoperability of capability units for manufacturing application solutions - Part 1: Interoperability criteria of capability units per application requirements - 12/8/2017, $53.00

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

ISO/DIS 19900, Petroleum and natural gas industries - General requirements for offshore structures - 1/28/2018, $146.00

ISO/DIS 10426-3, Petroleum and natural gas industries - Cements and materials for well cementing - Part 3: Testing of deepwater well cement formulations - 2/5/2018, $33.00

MEASUREMENT OF FLUID FLOW IN CLOSED CONDUITS (TC 30)

ISO/DIS 5167-6, Measurement of fluid flow by means of pressure differential devices inserted in circular cross-section conduits running full - Part 6: Wedge meters - 12/7/2017, $82.00

MEDICAL DEVICES FOR INJECTIONS (TC 84)

ISO 11070/DAmd1, Sterile single-use intravascular introducers, dilators and guidewires - Amendment 1 - 12/17/2017, $29.00

NATURAL GAS (TC 193)

ISO/DIS 20676, Natural gas - Upstream area - Determination of hydrogen sulfide content by laser absorption spectroscopy - 12/8/2017, $67.00

NUCLEAR ENERGY (TC 85)

ISO/DIS 18315, Nuclear energy - Guide to the evaluation of measurement uncertainties of impurity in uranium solution by linear regression analysis - 1/28/2018, $62.00

OTHER

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

PAINTS AND VARNISHES (TC 35)

ISO/DIS 150, Raw, refined and boiled linseed oil for paints and varnishes - Specifications and methods of test - 2/2/2018, $53.00

ISO/DIS 3681, Binders for paints and varnishes - Determination of saponification value - Titrimetric method - 2/2/2018, $40.00

ISO/DIS 4629-3, Binders for paints and varnishes - Determination of hydroxyl value - Part 3: Rapid test - 2/2/2018, $40.00

PAPER, BOARD AND PULPS (TC 6)

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

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

PLASTICS PIPES, FITTINGS AND VALVES FOR THE TRANSPORT OF FLUIDS (TC 138)

ISO 10508/DAmd1, Plastics piping systems for hot and cold water installations - Guidance for classification and design - Amendment 1 - 2/4/2018, $29.00

ISO/DIS 11296-7, Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 7: Lining with spirally-wound pipes - 2/2/2018, $71.00

ISO/DIS 11299-1, Plastics piping systems for renovation of underground gas supply networks - Part 1: General - 1/29/2018, $71.00

ISO/DIS 11299-2, Plastics piping systems for renovation of underground gas supply networks - Part 2: Lining with continuous pipes - 1/29/2018, $53.00

ISO/DIS 11299-3, Plastics piping systems for renovation of underground gas supply networks - Part 3: Lining with close-fit pipes - 1/29/2018, $71.00

PULLEYS AND BELTS (INCLUDING VEEBELTS) (TC 41)

ISO/DIS 155, Belt drives - Pulleys - Limiting values for adjustment of centres - 12/15/2017, $40.00

PUMPS (TC 115)

ISO/DIS 20361, Liquid pumps and pumps units - Noise test code - Grades 2 and 3 of accuracy - 2/1/2018, $88.00

RISK MANAGEMENT (TC 262)

IEC/DIS 31010, Risk management - Risk assessment techniques, $155.00

ROUND STEEL LINK CHAINS, CHAIN SLINGS, COMPONENTS AND ACCESSORIES (TC 111)

ISO/DIS 1835, Short link chain for lifting purposes - Grade M(4), non-calibrated, for chain slings, etc. - 11/5/2013, $67.00

SAFETY OF MACHINERY (TC 199)

ISO 19353/DAmd1, Safety of machinery - Fire prevention and fire protection - Amendment 1 - 12/8/2017, $93.00

ISO/DIS 20607, Safety of machinery - Instruction handbook - General drafting principles - 2/11/2018, $93.00

SAFETY OF TOYS (TC 181)

ISO 8124-3/DAmd2, Safety of toys - Part 3: Migration of certain elements - Amendment 2 - 2/11/2018, $29.00

ISO 8124-4/DAmd2, Safety of toys - Part 4: Swings, slides and similar activity toys for indoor and outdoor family domestic use - Amendment 2 - 2/10/2018, $29.00

ISO/DIS 8124-10, Safety of toys - Part 10: Experimental sets for chemistry and related activities - 2/10/2018, $82.00

ISO/DIS 8124-11, Safety of toys - Part 11: Chemical toys (sets) other than experimental sets - 2/10/2018, $134.00

SECURITY (TC 292)

ISO/DIS 22381, Security and resilience - Guidelines for establishing interoperability among object identification systems to deter counterfeiting and illicit trade - 12/7/2017, $82.00

ISO/DIS 22382, Security and resilience - Authenticity, integrity and trust for products and documents - Guidelines for the content, security, issuance and examination of excise tax stamps - 1/28/2018, $107.00

SERVICE ACTIVITIES RELATING TO DRINKING WATER SUPPLY SYSTEMS AND WASTEWATER SYSTEMS - QUALITY CRITERIA OF THE SERVICE AND PERFORMANCE INDICATORS (TC 224)

ISO/DIS 20325, Service activities relating to drinking water supply and wastewater systems - Stormwater management - Guidelines for stormwater management in urban areas - 1/22/2018, $125.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 23048, Ships and marine technology - Verification method for portable power measurement using a strain gauge - 12/8/2017, $53.00

ISO/DIS 11336-2, Large yachts - Strength, weathertightness and watertightness of glazed openings - Part 2: Glazed opening integrated into adjacent structure, (elastically bonded to bulkhead or shell), design criteria, structural support, installation and testing - 2/11/2018, $102.00

ISO/DIS 11336-3, Large yachts - Strength, weathertightness and watertightness of glazed openings - Part 3: Quality assurance, installation and in-service inspection - 2/11/2018, $112.00

SMALL CRAFT (TC 188)

ISO/DIS 12215-7, Small craft - Hull construction and scantlings - Part 7: Scantling determination of multihulls - 11/7/2003, $125.00

SPORTS AND RECREATIONAL EQUIPMENT (TC 83)

ISO/DIS 13993, Rental ski shop practice - Sampling and inspection of complete and incomplete alpine ski-binding-boot systems in rental applications - 2/2/2018, $67.00

SURFACE CHEMICAL ANALYSIS (TC 201)

ISO/DIS 14701, Surface chemical analysis - X-ray photoelectron spectroscopy - Measurement of silicon oxide thickness - 2/4/2018, $71.00

ISO/DIS 16129, Surface chemical analysis - X-ray photoelectron spectroscopy - Procedures for assessing the day-to-day performance of an X-ray photoelectron spectrometer - 2/4/2018, $71.00

(TC 305)

ISO/DIS 30500, Non-sewered sanitation systems - Prefabricated integrated treatment units - General safety and performance requirements for design and testing - 2/12/2018, $155.00

THERMAL INSULATION (TC 163)

ISO/DIS 16478, Thermal insulation products for buildings - Vacuum insulation panels (VIP) - Products specification - 2/2/2018, $107.00

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

ISO/DIS 13926-1, Pen systems - Part 1: Glass cylinders for pen-injectors for medical use - 1/29/2018, $40.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/DIS 20524-1, Intelligent transport systems - Geographic Data Files (GDF) - GDF5.1 - Part 1: Application independent map data shared between multiple sources - 2/11/2018, $335.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO/DIS 7289, Gas welding equipment - Quick-action couplings with shut-off valves for welding, cutting and allied processes - 2/5/2018, $53.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 13818-1/DAmd10, Information technology - Generic coding of moving pictures and associated audio information - Part 1: Systems - Amendment 1: Carriage of timed metadata for media orchestration (MORE) and sample variants over MPEG-2 TS - 2/10/2018, $33.00

ISO/IEC 13818-1/DAmd11, Information technology - Generic coding of moving pictures and associated audio information - Part 1: Systems - Amendment 1: Carriage of HEVC Tiles over MPEG-2 Systems - 2/9/2018, $67.00

ISO/IEC 14496-3/DAmd7, Information technology - Coding of audio-visual objects - Part 3: Audio - Amendment 7: SBR Enhancements - 2/8/2018, $46.00

ISO/IEC 14496-5/DAmd43, Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 43: New levels of ALS simple profile, SBR enhancements - 2/8/2018, $29.00

ISO/IEC 23003-4/DAmd4, Information technology - MPEG audio technologies - Part 4: Dynamic Range Control - Amendment 4: Profiles and levels - 2/8/2018, $53.00

ISO/IEC 14496-26/DAmd5, Information technology - Coding of audio-visual objects - Part 26: Audio conformance - Amendment 5: Conformance for new levels of ALS simple profile, SBR enhancements - 2/8/2018, $33.00

ISO/IEC 23008-11/DAmd1, Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 11: MPEG media transport composition information - Amendment 1: Customization in composition information - 2/11/2018, $29.00

ISO/IEC DIS 20889, Information technology - Security techniques - Privacy enhancing data de-identification techniques - 2/4/2018, $119.00

ISO/IEC DIS 20933, Information technology - Distributed application platforms and services (DAPS) - Framework for distributed real-time access systems - 12/8/2017, $98.00

ISO/IEC DIS 21878, Information technology - Security techniques - Security guidelines for design and implementation of virtualized servers - 2/4/2018, $82.00

ISO/IEC DIS 15963-2, Information technology - Radio frequency identification for item management - Part 2: Unique identification for RF tags registration procedures - 1/27/2018, $40.00

ISO/IEC DIS 23005-1, Information technology - Media context and control - Part 1: Architecture - 2/9/2018, $134.00

ISO/IEC DIS 27050-2, Information technology - Security techniques - Electronic discovery - Part 2: Guidance for governance and management of electronic discovery - 2/5/2018, $53.00

ISO/IEC DIS 30118-1, Information technology - Open Connectivity Foundation - Part 1: Core specification - 12/15/2017, $215.00

ISO/IEC DIS 30118-2, Information technology - Open Connectivity Foundation - Part 2: Security specification - 12/15/2017, $194.00

ISO/IEC DIS 30118-3, Information technology - Open Connectivity Foundation - Part 3: Bridging specification - 12/15/2017, $125.00

ISO/IEC DIS 30118-4, Information technology - Open Connectivity Foundation - Part 4: Resource type specification - 12/15/2017, $281.00

ISO/IEC DIS 30118-5, Information technology - Open Connectivity Foundation - Part 5: Smart home device specification - 12/15/2017, $62.00

ISO/IEC DIS 30118-6, Information technology - Open Connectivity Foundation - Part 6: Resource to AllJoyn interface mapping specification - 12/15/2017, $165.00

ISO/IEC DIS 9075-15, Information technology - Database languages - SQL - Part 15: Multi-dimensional arrays (SQL/MDA) - 12/7/2017, $185.00

ISO/IEC DIS 14496-22, Information technology - Coding of audio-visual objects - Part 22: Open Font Format - 2/11/2018, $301.00

ISO/IEC DIS 19823-19, Information technology - Conformance test methods for security service crypto suites - Part 19: Crypto suite RAMON - 2/4/2018, $67.00

ISO/IEC DIS 23001-12, Information technology - MPEG systems technologies - Part 12: Sample variants - 2/10/2018, $93.00

ISO/IEC DIS 23001-14, Information technology - MPEG systems technologies - Part 14: Partial file format - 2/10/2018, $67.00

ISO/IEC DIS 29110-4-3, Systems and software engineering - Lifecycle profiles for very small entities (VSEs) - Part 4-3: Service delivery - Profile specification - 12/15/2017, $125.00

ISO/IEC/IEEE DIS 29148, Systems and software engineering - Life cycle processes - Requirements engineering - 12/8/2017, $155.00

ISO/IEC/IEEE DIS 42030, Systems and Software Engineering - Architecture Evaluation - 1/27/2018, $134.00

IEC Standards

4/339/NP, PNW 4-339: Technical Guide for Smart Hydroelectric Power Plant, 2018/2/16

8/1478/NP, PNW TS 8-1478: Guidelines for network management - Power quality management, /2017/12/2

8B/15/NP, PNW TS 8B-15: Microgrids - Technical requirements - Self-regulation of dispatchable loads, 2018/2/16

9/2335/FDIS, IEC 62236-1 ED3: Railway applications - Electromagnetic compatibility - Part 1: General, 018/1/5/

9/2340/FDIS, IEC 62236-5 ED3: Railway applications - Electromagnetic compatibility - Part 5: Emission and immunity of fixed power supply installations and apparatus, 018/1/5/

9/2339/FDIS, IEC 62236-4 ED3: Railway applications - Electromagnetic compatibility - Part 4: Emission and immunity of the signalling and telecommunications apparatus, 018/1/5/

9/2336/FDIS, IEC 62236-2 ED3: Railway applications - Electromagnetic compatibility - Part 2: Emission of the whole railway system to the outside world, 018/1/5/

9/2337/FDIS, IEC 62236-3-1 ED3: Railway applications - Electromagnetic compatibility - Part 3-1: Rolling stock - Train and complete vehicle, 018/1/5/

9/2338/FDIS, IEC 62236-3-2 ED3: Railway applications - Electromagnetic compatibility - Part 3-2: Rolling stock - Apparatus, 018/1/5/

21/938/CDV, IEC 62660-2 ED2: Secondary lithium-ion cells for the propulsion of electric road vehicles - Part 2: Reliability and abuse testing, 2018/2/16

21/939/CDV, IEC 62660-1 ED2: Secondary lithium-ion cells for the propulsion of electric road vehicles - Part 1: Performance testing, 2018/2/16

23G/391/CDV, IEC 60320-3/AMD1 ED1: Appliance couplers for household and similar general purposes - Part 3: Standard sheets and gauges, 2018/2/16

23G/392/CDV, IEC 60320-1/AMD1 ED3: Appliance couplers for household and similar general purposes - Part 1: General requirements, 2018/2/16

23H/392A/CD, IEC 60309-2 ED5: Plugs, socket-outlets and couplers for industrial purposes - Part 2: Dimensional interchangeability requirements for pin and contact-tube accessories, 018/2/2/

23H/389A/CD, IEC 62196-1 ED4: Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 1: General requirements, 2018/1/26

23H/393A/CD, IEC 60309-4 ED2: Plugs, socket-outlets and couplers for industrial purposes - Part 4: Switched socket-outlets and connectors with or without interlock, 018/2/2/

23H/390A/CD, IEC 62196-3/AMD1 ED1: Plugs, socket-outlets, vehicle connectors and vehicle inlets - Conductive charging of electric vehicles - Part 3: Dimensional compatibility and interchangeability requirements for d.c. and a.c./d.c. pin and contact-tube vehicle couplers, 2018/1/26

23H/391A/CD, IEC 60309-1 ED5: Plugs, socket-outlets and couplers for industrial purposes - Part 1: General requirements, 018/2/2/

31/1359/NP, PNW 31-1359: Explosive atmospheres - Part XX - Electrical Ignition Systems for Internal Combustion Engines, 2018/2/16

34/474/CD, IEC 61547 ED3: Equipment for general lighting purposes - EMC immunity requirements, 2018/2/16

45A/1178/NP, PNW 45A-1178: Recommended design criteria for nuclear power plant automatic seismic trip system, 2018/2/16

47/2446/FDIS, IEC 60749-13 ED2: Semiconductor devices - Mechanical and climatic test methods - Part 13: Salt atmosphere, 018/1/5/

47/2428(F)/CDV, IEC 62951-6 ED1: Semiconductor devices - Flexible and stretchable semiconductor devices - Part 6: Test method for sheet resistance of flexible conducting films, 2018/1/19

48B/2599/CDV, IEC 61076-2-114 ED1: Connectors for electronic equipment - Product requirements - Part 2-114: Circular connectors - Detail specification for data and power connectors with M8 screw-locking, 2018/2/16

48B/2605/CDV, IEC 61076-1/AMD1 ED2: Amendment 1: Connectors for electronic equipment - Product requirements - Part 1: Generic specification, 2018/2/16

48B/2604/CDV, IEC 60603-7/AMD2 ED3: Amendment 2: Connectors for electronic equipment - Part 7: Detail specification for 8-way, unshielded, free and fixed connectors, 2018/2/16

49/1261/CD, IEC 60122-4 ED1: Quartz crystal units of assessed quality - Part 4: Crystal units with thermistors, 2018/2/16

56/1757/CDV, IEC 31010 ED2: Risk management - Risk assessment techniques, 2018/2/16

61/5585/CD, IEC 60335-1/FRAG6 ED6: Household and similar electrical appliances - Safety - Part 1: General requirements, 2018/3/16

62D/1547/FDIS, IEC 80601-2-49 ED1: Medical electrical equipment - Part 2-49: Particular requirements for the basic safety and essential performance of multifunction patient monitors, 018/1/5/

62D/1548/FDIS, IEC 80601-2-30 ED2: Medical electrical equipment - Part 2-30: Particular requirements for the basic safety and essential performance of automated non-invasive sphygmomanometers, 018/1/5/

62D/1531(F)/CDV, IEC 80601-2-78 ED1: Medical Electrical Equipment - Part 2-78: Particular requirements for the basic safety and essential performance of medical robots for rehabilitation, assessment, compensation or alleviation, 2018/1/26

62D/1549/FDIS, Amendment 1 to IEC 60601-2-4: Medical electrical equipment - Part 2-4: Particular requirements for the basic safety and essential performance of cardiac defibrillators, 018/1/5/

62D/1532(F)/CDV, IEC 80601-2-77 ED1: Medical Electrical Equipment - Part 2-77: Particular requirements for the basic safety and essential performance of robotically assisted surgical equipment, 2018/1/26

64/2246/NP, PNW 64-2246: Part 7-7XX: Requirements for special installations or locations□DC power supply system in the data centre, 2018/2/16

64/2244/CD, IEC 60364-5-54/AMD1 ED3: Low-voltage electrical installations - Part 5-54: Selection and erection of electrical equipment - Earthing arrangements and protective conductors, 2018/3/16

65B/1109/CD, IEC 63144 ED1: Industrial Process Control Devices - Thermographic Imagers - Metrological Characterization and Calibration of Thermographic Imagers, 2018/2/16

94/426/FDIS, IEC 62246-1-1 ED2: Reed switches - Part 1-1: Generic specification - Blank detail specification, 018/1/5/

100/2992/CDV, IEC 60268-4 ED6: Sound system equipment - Part 4: Microphones, 2018/2/16

100/3012/CD, IEC 60268-16 ED5: Sound system equipment - Part 16: Objective rating of speech intelligibility by speech transmission index, 2018/2/16

106/426/DTR, IEC TR 63170 ED1: Measurement procedure for the evaluation of power density related to human exposure to radio frequency fields from wireless communication devices operating between 6 GHz and 100 GHz Hz., 2018/1/19

110/917/CDV, IEC 62679-2 ED1: Electronic paper display - Part 2: Essential ratings and characteristics, 2018/2/16

121A/188/CD, IEC 62026-1 ED3: Low-voltage switchgear and controlgear - Controller-device interfaces (CDIs) - Part 1: General rules, 2018/2/16

121A/189/CD, IEC 60947-5-4/AMD1 ED2: Low-voltage switchgear and controlgear - Part 5-4: Control circuit devices and switching elements - Method of assessing the performance of low-energy contacts - Special tests, 2018/2/16

122/51/CD, IEC TS 63042-101 ED1: UHV AC transmission systems - Part 101: Voltage regulation and insulation design for UHV AC transmission systems, 2018/1/19

122/53/CD, IEC TS 63042-301 ED1: UHV AC transmission systems: Part 301: On-site acceptance tests, 2018/1/19

CIS/D/439/CDV, CISPR 36 ED1: Electric and hybrid road vehicles - Radio disturbance characteristics - Limits and methods of measurement for the protection of off-board receivers below 30 MHz, 2018/2/16

CIS/D/440/CDV, CISPR 12 ED7: Vehicles, boats and devices with internal combustion engines or traction batteries - Radio disturbance characteristics - Limits and methods of measurement for the protection of off-board receivers, 2018/2/16

SyCSmartCities/30/Q, Questionnaire for a Proposal for NP “Smart Cities Reference Architecture” as International Standard, 2018/1/12

Newly Published ISO & IEC Standards

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

ISO Standards

ISO/IEC JTC 1 Technical Reports

ISO/IEC TR 22446:2017, Information technology - Continual performance improvement of IT enabled services, $138.00

COMPRESSORS, PNEUMATIC TOOLS AND PNEUMATIC MACHINES (TC 118)

ISO 11148-13:2017, Hand-held non-electric power tools - Safety requirements - Part 13: Fastener driving tools, $185.00

EARTH-MOVING MACHINERY (TC 127)

ISO 16001:2017, Earth-moving machinery - Object detection systems and visibility aids - Performance requirements and tests, $209.00

EQUIPMENT FOR FIRE PROTECTION AND FIRE FIGHTING (TC 21)

ISO 8201:2017, Acoustics - Audible and other emergency evacuation signals, $45.00

ISO 7240-2:2017, Fire detection and alarm systems - Part 2: Fire detection control and indicating equipment, $185.00

ISO 7240-4:2017, Fire detection and alarm systems - Part 4: Power supply equipment, $138.00

ESSENTIAL OILS (TC 54)

ISO 19817:2017, Essential oil of thyme [Thymus vulgaris L. and Thymus zygis L.], thymol type, $68.00

FLOOR COVERINGS (TC 219)

ISO 10582:2017, Resilient floor coverings - Heterogeneous poly(vinyl chloride) floor covering - Specifications, $103.00

HOROLOGY (TC 114)

ISO 16253:2017, Watch-cases and accessories - Vapour phase deposited coatings, $68.00

INTERNAL COMBUSTION ENGINES (TC 70)

ISO 2710-1:2017, Reciprocating internal combustion engines - Vocabulary - Part 1: Terms for engine design and operation, $45.00

METALLIC AND OTHER INORGANIC COATINGS (TC 107)

ISO 27830:2017, Metallic and other inorganic coatings - Requirements for the designation of metallic and inorganic coatings, $68.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO 2714:2017, Liquid hydrocarbons - Volumetric measurement by displacement meter, $185.00

PULLEYS AND BELTS (INCLUDING VEEBELTS) (TC 41)

ISO 17396:2017, Synchronous belt drives - Metric pitch - Tooth profiles T and AT endless and open ended belts and pulleys, $103.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 2004:2017, Natural rubber latex concentrate - Centrifuged or creamed, ammonia-preserved types - Specifications, $45.00

SPORTS AND RECREATIONAL EQUIPMENT (TC 83)

ISO 7138:2017, Cross-country skis - Determination of mass and location of balance point, $45.00

STEEL (TC 17)

ISO 9364:2017, Steel sheet, 55% aluminium-zinc alloy-coated by the continuous hot-dip process, of commercial, drawing and structural qualities, $103.00

ISO 14788:2017, Steel sheet, zinc-5% aluminium alloy-coated by the continuous hot-dip process, of commercial, drawing and structural qualities, $138.00

ISO 20805:2017, Hot-rolled steel sheet in coils of higher yield strength with improved formability and heavy thickness for cold forming, $68.00

TERMINOLOGY (PRINCIPLES AND COORDINATION) (TC 37)

ISO 16642:2017, Computer applications in terminology - Terminological markup framework, $138.00

TOBACCO AND TOBACCO PRODUCTS (TC 126)

ISO 17175:2017, Bidis - Determination of total and nicotine-free dry particulate matter using a linear routine analytical smoking machine, $103.00

TYRES, RIMS AND VALVES (TC 31)

ISO 19940:2017, Tyre stiffness index testing procedure for passenger car extended mobility and run flat tyres, $103.00

ISO 4223-1:2017, Definitions of some terms used in the tyre industry - Part 1: Pneumatic tyres, $138.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO 14114:2017, Gas welding equipment - Acetylene manifold systems for welding, cutting and allied processes - General requirements, $68.00

ISO Technical Reports

FIRE SAFETY (TC 92)

ISO/TR 12470-1:2017, Fire-resistance tests - Guidance on the application and extension of results from tests conducted on fire containment assemblies and products - Part 1: Loadbearing elements and vertical and horizontal separating elements, $185.00

ISO/TR 12470-2:2017, Fire-resistance tests - Guidance on the application and extension of results from tests conducted on fire containment assemblies and products - Part 2: Non-loadbearing elements, $209.00

GEARS (TC 60)

ISO/TR 6336-30:2017, Calculation of load capacity of spur and helical gears - Part 30: Calculation examples for the application of ISO 6336 parts 1,2,3,5, $209.00

HYDROMETRIC DETERMINATIONS (TC 113)

ISO/TR 9210:2017, Hydrometry - Measurement in meandering river and in streams with unstable boundaries, $68.00

IMPLANTS FOR SURGERY (TC 150)

ISO/TR 12417-2:2017, Cardiovascular implants and extracorporeal systems - Vascular device-drug combination products - Part 2: Local regulatory information, $162.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/TR 10992-2:2017, Intelligent transport systems - Use of nomadic and portable devices to support ITS service and multimedia provision in vehicles - Part 2: Definition and use cases for mobile service convergence, $68.00

ISO Technical Specifications

AIR QUALITY (TC 146)

ISO/TS 21623:2017, Workplace exposure - Assessment of dermal exposure to nano-objects and their aggregates and agglomerates (NOAA), $162.00

STERILIZATION OF HEALTH CARE PRODUCTS (TC 198)

ISO/TS 19930:2017, Guidance on aspects of a risk-based approach to assuring sterility of terminally sterilized, single-use health care product that is unable to withstand processing to achieve maximally a sterility assurance level of 10-6, $138.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 11801-1:2017, Information technology - Generic cabling for customer premises - Part 1: General requirements, $232.00

ISO/IEC 11801-2:2017, Information technology - Generic cabling for customer premises - Part 2: Office premises, $138.00

ISO/IEC 11801-3:2017, Information technology - Generic cabling for customer premises - Part 3: Industrial premises, $185.00

ISO/IEC 11801-4:2017, Information technology - Generic cabling for customer premises - Part 4: Single-tenant homes, $162.00

ISO/IEC 11801-5:2017, Information technology - Generic cabling for customer premises - Part 5: Data centres, $209.00

ISO/IEC 11801-6:2017, Information technology - Generic cabling for customer premises - Part 6: Distributed building services, $185.00

ISO/IEC 19823-10:2017, Information technology - Conformance test methods for security service crypto suites - Part 10: Crypto suite AES-128, $138.00

IEC Standards

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

IEC 62448 Ed. 4.0 en:2017, Multimedia systems and equipment - Multimedia e-publishing and e-books - Generic format for e-publishing, $410.00

IEC 60728-3 Ed. 5.0 en:2017, Cable networks for television signals, sound signals and interactive services - Part 3: Active wideband equipment for cable networks (TA 5), $317.00

S+ IEC 62448 Ed. 4.0 en:2017 (Redline version), Multimedia systems and equipment - Multimedia e-publishing and e-books - Generic format for e-publishing, $534.00

S+ IEC 60728-3 Ed. 5.0 en:2017 (Redline version), Cable networks for television signals, sound signals and interactive services - Part 3: Active wideband equipment for cable networks (TA 5), $412.00

ELECTRIC CABLES (TC 20)

IEC 62893-1 Ed. 1.0 en:2017, Charging cables for electric vehicles for rated voltages up to and including 0,6/1 kV - Part 1: General requirements, $164.00

IEC 62893-2 Ed. 1.0 en:2017, Charging cables for electric vehicles for rated voltages up to and including 0,6/1 kV - Part 2: Test methods, $82.00

IEC 62893-3 Ed. 1.0 en:2017, Charging cables for electric vehicles for rated voltages up to and including 0,6/1 kV - Part 3: Cables for AC charging according to modes 1, 2 and 3 of IEC 61851-1 of rated voltages up to and including 450/750 V, $82.00

IEC 63010-1 Ed. 1.0 en:2017, Halogen-free thermoplastic insulated and sheathed flexible cables of rated voltages up to and including 300/300 V - Part 1: General requirements and cables, $164.00

IEC 63010-2 Ed. 1.0 en:2017, Halogen-free thermoplastic insulated and sheathed flexible cables of rated voltages up to and including 300/300 V - Part 2: Test methods, $47.00

ELECTROACOUSTICS (TC 29)

IEC 62489-1 Amd.2 Ed. 1.0 b:2017, Amendment 2 - Electroacoustics - Audio-frequency induction loop systems for assisted hearing - Part 1: Methods of measuring and specifying the performance of system components, $23.00

IEC 62489-1 Ed. 1.2 b:2017, Electroacoustics - Audio-frequency induction loop systems for assisted hearing - Part 1: Methods of measuring and specifying the performance of system components, $352.00

OTHER

IEC/CA 01 Ed. 2.1 en:2017, IEC Conformity Assessment Systems Basic Rules, Free

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

IEC 60758 Ed. 5.0 b:2016, Synthetic quartz crystal - Specifications and guidelines for use, $317.00

SEMICONDUCTOR DEVICES (TC 47)

IEC 62047-29 Ed. 1.0 en:2017, Semiconductor devices - Micro-electromechanical devices - Part 29: Electromechanical relaxation test method for freestanding conductive thin-films under room temperature, $82.00

TERMINOLOGY (TC 1)

IEC 60050-821 Ed. 2.0 b:2017, International electrotechnical vocabulary - Part 821: Signalling and security apparatus for railways, $410.00

IEC Technical Reports

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

IEC/TR 61131-8 Ed. 3.0 en:2017, Industrial-process measurement and control - Programmable controllers - Part 8: Guidelines for the application and implementation of programming languages, $375.00

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 AN 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 ad 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

American Dental Association (ADA)

ANSI's Executive Standards Council has approved the reaccreditation of the American Dental Association (ADA), an ANSI Member and Accredited Standards Developer, under its recently revised operating procedures for documenting consensus on ADA-sponsored American National Standards, effective November 22, 2017. For additional information, please contact: Mr. Paul Bralower, Manager, Standards, Center for Informatics and Standards, American Dental Association, 211 E. Chicago Ave., Chicago, IL 60611; phone: 312.587.4129; e-mail: bralowerp@ada.org.

Withdrawal of ASD Accreditation

Sustainability Accounting Standards Board (SASB)

The ANSI accreditation of the Sustainability Accounting Standards Board (SASB) as a developer of American National Standards has been administratively withdrawn, effective November 28, 2017. SASB currently maintains no American National Standards. For additional information, please contact: Mr. David Post, Director of Research, Sustainability Accounting Standards Board, Pier 3, Ste. 101, San Francisco, CA 94111; phone: 415.830.9220; e-mail: david.post@sasb.org.

International Organization for Standardization (ISO)

U.S. New Work Item Proposal

Specifications for the Process of Remanufacturing

Comment Deadline: December 22, 2017

ANSI has received a request from The Remanufacturing Industries Council (RIC), an ANSI member and ANSI-accredited SDO, to submit to ISO a new work item proposal for the development of an ISO standard on the subject of Specifications for the Process of Remanufacturing, with the following scope statement:

> This standard defines and provides a benchmark for the process of global remanufacturing, and establishes specifications that characterize the remanufacturing process and differentiate remanufacturing from other practices.
>
> Please note that in 2013 and in 2016, SAC (China) submitted proposals for a new ISO technical committee on remanufacturing technology which were both rejected by the ISO members, including ANSI. In the case of the SAC proposals, they focused on remanufacturing of specific technologies or products, whereas this draft ANSI proposal focuses on the remanufacturing process, which is regarded as more acceptable to RIC and its stakeholders.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, December 22, 2017.

U.S. Technical Advisory Groups

Application for Accreditation

U.S. TAG to ISO/TC 309 – Governance of Organizations (including ISO/TC 309/AG 1 – Communications and Engagement; ISO/TC 309/AHG 1 – Strategic Business Plan; ISO/TC 309/AHG 3 – Whistleblowing; ISO/TC 309/TG 4 – Anti-Bribery Management Systems; ISO/TC 309/TG 5 – Compliance Management Systems; ISO/TC 309/WG 1, Guidance for the Governance of Organizations)

Comment Deadline: January 2, 2018

The InterNational Committee for Information Technology Standards (INCITS), a current ANSI Accredited Standards Developer (ASD), has submitted an application for accreditation for a proposed U.S. Technical Advisory Group (TAG) to ISO/TC 309, Governance of organizations (including ISO/TC 309/AG 1, Communications and engagement; ISO/TC 309/AHG 1, Strategic business plan; ISO/TC 309/AHG 3, Whistleblowing; ISO/TC 309/TG 4, Anti-bribery management systems; ISO/TC 309/TG 5, Compliance management systems and ISO/TC 309/WG 1, Guidance for the governance of organizations) and request for appointment as TAG Administrator. The TAG intends to operate under its own unique operating procedures, which shall comply with the current ANSI International Procedures.

To obtain a copy of the TAG application and proposed operating procedures or to offer comments, please contact: Ms. Jennifer Garner, Director, Standards Programs, INCITS/Information Technology Industry Council, 1101 K Street, NW, Suite 610, Washington, DC 20005; phone: 202.626.5737; e-mail: jgarner@itic.org (please copy jthompso@ansi.org) by January 2, 2018. As the proposed procedures are available electronically, the public review period is 30 days. You may view or download a copy of the TAG's proposed operating procedures from ANSI Online during the public review period at the following URL:www.ansi.org/accredPR.

Withdrawal

U.S. TAG to the Joint ISO/International Commission on Illumination (CIE) Standards

The members of the U.S. TAG to the Joint ISO/International Commission on Illumination (CIE) Standards have voted to formally terminate the TAG. This notice of dissolution has resulted in the U.S. relinquishing it "P" (Participating) status in the international activity. This termination action was taken, effective August 18, 2017. For any related questions, please contact: Mr. James Leland, President, CIE-USNC (CIE/USA), Copia LLC, 51 Ball Park Road, Goshen, NH 03752; phone: 603.504.2855; e-mail: jleland@copia-lux.com.

Information Concerning

Meeting Notice and Call for Members for the New INCITS Technical Committee on Software and Systems Engineering (SSE)

Organizational Meeting – Thursday, December 7, 2017. The organizational meeting of the INCITS/Software and Systems Engineering (SSE) will be held via WebEx on Thursday, December 7, 2017 from 12:00 PM to 3:00 PM (eastern time). The agenda, related documents and instructions for joining the WebEx meeting will be distributed to organizational representatives requesting membership on the new committee. RSVPs for the meeting should be submitted to Lynn Barra (Lbarra@itic.org) as soon as possible.

The IEEE-provided notice to INCITS of their relinquishment of the JTC 1/SC 7 TAG, effective December 1, 2017. In response to the IEEE action, the INCITS Executive Board established a new Technical Committee INCITS/Software and Systems Engineering and assigned the US TAG responsibilities for JTC 1/SC 7 to this new INCITS Technical Committee.

Scope of JTC 1/SC 7 - The JTC 1/SC 7 delivers standards in the area of software and systems engineering that meet market and professional requirements. These standards converse the processes, supporting tools and supporting technologies for the engineering of software products and systems. Systems engineering, whose origin is traceable to industrial engineering, is defined as an interdisciplinary approach governing the total technical and managerial effort required to transform a set of customer needs, expectations, and constraints into a solution and to support that solution throughout its life. JTC 1/SC 7, whose scope is Software and Systems Engineering, can thus be described as a horizontal committee who produce generic standards that are technology agnostics and independent of the application domain. These standards are principally focused on process models and good practices (Methods and techniques).

The INCITS committee will operate under the ANSI-accredited procedures for the InterNational Committee for Information Technology Standards (INCITS); (see INCITS Organization, Policies and Procedures). Additional information can also be found at www.INCITS.org and http://www.incits.org/participation/membership-info.

The complete meeting notice and membership information can be found at https://standards.incits.org/apps/group_public/document.php?document_id=93122&wg_abbrev=eb .

Information Concerning

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO/TC 215 – *Health informatics*

Reply Deadline: December 15, 2017

Currently, the U.S. holds a leadership position as Secretariat of ISO/TC 215 – Health informatics. ANSI has delegated the responsibility for the administration of the Secretariat for ISO/TC 215 to the American Health Information Management Association (AHIMA). AHIMA has advised ANSI of its intent to relinquish its role as delegated Secretariat for this committee.

ISO/TC 215 operates under the following scope:

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

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated Secretariat for ISO/TC 215. 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 215 Secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity by Friday, December 15, 2017, 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).

Additional Substantive Revisions to Proposed BSR/AWWA C222

Nov. 13, 2017 – American Water Works Association

The following technical/substantive revisions are being considered for the proposed BSR/AWWA C222, Standard for Polyurethane Coatings and Linings for Steel Water Pipe and Fittings.

1. **Add an item to the Foreword, Sec. III.A Purchaser Options and Alternatives to address scoring requirements as follows:**

   14. Scoring requirements around dolly, if required (Sec. 5.5.5).

2. **Add an item to the Foreword, Sec. III.A Purchaser Options and Alternatives to address tensile adhesion testing as follows:**

   15. Additional adhesion tests, if required (Sec. 5.5.5).

3. **Revise Sec. 5.5.4 to address the Standards Council's concern regarding the unsupported use of the term "minimum specific polyurethane thickness" as follows:**

5.5.4 *Electrical continuity inspection*. Electrical continuity inspection shall be conducted in accordance with NACE SP0188 or NACE SP0274 any time after the polyurethane has reached a "cure to handle" state as recommended by the polyurethane manufacturer, but prior to installation. ~~Based on the minimum specified polyurethane thickness,~~ Based on the polyurethane thickness as determined in accordance with the NACE standard used, ~~T~~the voltage setting shall be the greater of the manufacturer's recommendation or 100 V/mil. Any holidays indicated by the detector shall be marked and repaired in accordance with Sec. 4.6.

Tracking #40i31r1 et al **Revision to NSF/ANSI 350-2017**

Multiple revisions for 40i31r1, 245i12r1, 350i26r1

NSF/ANSI Standard
for Wastewater Treatment Systems —

Residential wastewater treatment systems

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5 Design and construction

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5.4 Noise

When installed according to the manufacturer's instructions, the system shall not produce excessive noise.

Noise associated with systems designed for outdoor operation, measured at 1.2 m (4 ft) above the ground surface, 6 m (20 ft) in four directions, at 90, 180, 270, and 360° from the system and its appurtenances shall not exceed 60 dbA.

Noise associated with systems designed for indoor operation, measured at 1.2 m (4 ft) above the ground surface, 1 m (20 ft) in four directions, at 90, 180, 270, and 360° from the system and its appurtenances shall not exceed 60 dbA.

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NSF/ANSI Standard
for Wastewater Treatment Systems —

Wastewater treatment systems – Nitrogen reduction

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5 Design and construction

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5.4 Noise

When installed according to the manufacturer's instructions, the system shall not produce excessive noise.

Noise associated with systems designed for outdoor operation, measured at 1.2 m (4 ft) above the ground surface, 6 m (20 ft) in four directions, at 90, 180, 270, and 360° from the system and its appurtenances shall not exceed 60 dbA.

Noise associated with systems designed for indoor operation, measured at 1.2 m (4 ft) above the ground surface, 1 m (20 ft) in four directions, at 90, 180, 270, and 360° from the system and its appurtenances shall not exceed 60 dbA.

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NSF/ANSI Standard
for Wastewater Treatment Systems —

Onsite residential and commercial water reuse treatment systems

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5 Design and construction

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5.4 Noise

When installed according to the manufacturer's instructions, the system shall not produce excessive noise.

Noise associated with systems designed for outdoor operation, measured at 1.2 m (4 ft) above the ground surface, 6 m (20 ft) in four directions, at 90, 180, 270, and 360° from the system and its appurtenances shall not exceed 60 dbA.

Noise associated with systems designed for indoor operation, measured at 1.2 m (4 ft) above the ground surface, 1 m (20 ft) in four directions, at 90, 180, 270, and 360° from the system and its appurtenances shall not exceed 60 dbA. ~~These requirements apply both to systems installed inside and outside the building.~~

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Rationale: The ballot harmonizes the language in all 3 wastewater standards. It provides for a more stringent test for indoor systems. This is appropriate because system noise inside the home will be much more problematic for the home owner than outdoor system noise. This also makes it possible to complete the noise test on a system installed inside a building for performance testing.

Tracking #50i132r1 **Revision to NSF/ANSI 50-2016a**
 Draft 1, Issue 132 (November 2017)

NSF/ANSI 50 – 2016a
Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities

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Annex R
(normative)

Toxicology review and evaluation procedures for swimming pool treatment chemicals

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R.4.2 Determination of swimming pool water concentrations:

Utilizing the formulation information and maximum dose rate provided under section R.3.1, the maximum residual concentration of each chemical constituent (or contaminant) in the product may be calculated as follows:

$$\frac{\text{mg constituent}}{\text{mg product}} \times \frac{\text{mg product}}{\text{L pool water}} = \frac{\text{mg constituent}}{\text{L pool water}}$$

[% formulation] [maximum dose rate] [maximum pool water concentration]

NOTE — Unit conversions may be required in order to convert the provided maximum dose rate into mg product/L pool water value.

The maximum pool water concentration of each chemical constituent (or contaminant) in the product must be calculated and then initially compared to the Threshold of Evaluation as described in section R.4.4, with the exception of the metals listed in R.4.3.

R.4.3 Maximum pool water concentrations for metals

The following metal contaminants will be limited to the Total Allowable Concentrations criteria as set forth under NSF/ANSI 60/61. Any metals listed here will be evaluated per the procedures outline in the remainder of Annex R.

Table 3.1 – Limitations on Metal Contaminants

Metal	Criteria (mg/L)
Antimony	0.006
Arsenic	0.01
Barium	2
Beryllium	0.004
Cadmium	0.005
Chromium	0.1
Lead	0.005
Mercury	0.002
Selenium	0.05
Thallium	0.002

R.~~4.3~~4.4 Determination of a Threshold of Evaluation

Under Annex R, section R.7.1.1 of NSF/ANSI 60 and NSF/ANSI 61, a Threshold of Evaluation for chronic exposure to a chemical in drinking water was determined to be 3 µg/L (static conditions). The use of the Threshold of Evaluation criteria under NSF/ANSI 60 and NSF/ANSI 61 is based on an assumed drinking water intake of 2 L/day (U.S. EPA, 2012). For pool water, a study by Dufour et al. (2006), an oral exposure to pool water of 0.05 L per hour or swimming event was estimated for children of ages 6 – 11. Based on this intake, a Threshold of Evaluation for chemicals found in pool water may be determined as follows:

FDA Threshold of Regulation	=	0.5 µg/kg food (from 21 CFR 170.39)
Average food intake in children (6 – 11 Years)	=	1.118 kg/day (from EFH, U.S. EPA, 1997)
Pool water ingested per swimming event	=	0.05 L (from Dufuor et al., 2006)

$$\text{Threshold of Evaluation} = \frac{(0.5\ \mu g/kg\ \text{food}) \times (1.118\ kg\ \text{food/day})}{(0.05\ L\ \text{pool water ingested})} = 11.18\ \mu g/L \approx 10\ \mu g/L$$

NOTE — While derived from an oral route of exposure only, the resulting 10 µg/L Threshold of Evaluation level for pool chemicals is only approximately three-fold higher than the drinking water Threshold of Evaluation of 3 µg/L from NSF/ANSI 60 and NSF/ANSI 61 despite the estimated oral intake of pool water being twenty-fold less. While exposure to pool treatment chemicals by skin contact and inhalation is potentially greater than from ingestion, the 10 µg/L Threshold of Evaluation level for pool chemicals allows for a margin that may account for this.

R.~~4.4~~4.5 Comparison of maximum pool water concentrations to Threshold of Evaluation
As an initial toxicity screen to determine the need for further toxicological assessment, the maximum pool water concentrations of each chemical constituent (and/or contaminant) in the product as calculated under section R.4.2 may be compared against the Threshold of Evaluation limit of 10 µg/L; however, this Under Annex R, section R.7.1.1 of NSF/ANSI 60 and NSF/ANSI 61, a Threshold of Evaluation for chronic exposure to a chemical in drinking water was determined to be 3 µg/L (static conditions). The use of the Threshold of Evaluation criteria under NSF/ANSI 60 and NSF/ANSI 61 is based on an assumed drinking water intake of 2 L/day (U.S. EPA, 2012). For pool water, a study by Dufour et al. (2006), an oral exposure to pool water of 0.05 L per hour or swimming event was estimated for children of ages 6 – 11. Based on this intake, a Threshold of Evaluation for chemicals found in pool water may be determined as follows:

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NSF/ANSI Standard
for Wastewater Treatment Systems —

Onsite residential and commercial water reuse treatment systems

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1.2 Scope

This Standard contains minimum requirements for onsite residential and commercial water treatment systems. Systems may include the following.

— graywater treatment systems having a rated treatment capacity up to 5,678 L/day (1,500 gal/day). This applies to onsite residential and commercial treatment systems that treat graywater, those that treat laundry water from residential laundry facilities, and those that treat bathing water. See 8.1 for performance testing and evaluation.

— residential wastewater treatment systems having a rated treatment capacity up to 5,678 L/day (1,500 gal/day). This applies to onsite residential treatment systems that treat combined wastewater generated by the occupants of residence(s). A reuse system treating 1,514 L/day (400 gal/day) to 5,678 L/day (1,500 gal/day) shall either be demonstrated to have met the Class I requirements of NSF/ANSI 40, or must meet these requirements during concurrent testing to this Standard. A treatment system treating less than 1,514 L/day (400 gal/day) is not required to have met the Class I requirements of NSF/ANSI 40. See 8.2 for performance testing and evaluation.

— commercial treatment systems – this applies to onsite commercial treatment systems that treat combined commercial facility wastewater and commercial facility laundry water of any capacity, and those treatment systems that treat graywater from commercial facilities with capacities exceeding 5,678 L/day (1,500 gal/day). These systems shall be performance tested and evaluated at the location of the reuse system installation, using the wastewater generated onsite from the facility serving the treatment system. See 8.3 for performance testing and evaluation. The key elements of a field evaluation of a commercial treatment system are described in Annex A.

Management methods and end uses appropriate for the treated efflent discharged from onsite residential and commercial treatment systems meeting Class R (single family residential) or Class C (multi-family and commercial facilitiesds) requirements of this Standard include indoor restricted urban water use, such as toilet and urinal flushing, and outdoor unrestricted urban water use, such as surface irrigation. Effluent quality criteria consistent with these uses are described in 8.6, Criteria.

This Standard is intended to address public health and environmental issues. Actual performance for any site or system may vary, depending on variations in raw water supply (such as alkalinity and hardness), wastewater constituents, and patterns of use. The end use of the effluent is the responsibility of the owner, design professionals, and regulatory officials.

System components covered under other NSF or NSF/ANSI standards or criteria shall also comply with the requirements therein. This Standard shall in no way restrict new system designs, provided such designs meet the minimum specifications described herein.

Rationale: the Residential section of the scope was unintentionally removed from the Standard after the 2012 publication. The original language is being returned for the time being, and the WWT Task Group on NSF/ANSI 350 will continue to discuss refining language in the scope to add clarity.

Tracking #359i3r1 **Revision to NSF/ANSI 359-2016**
 Issue 3, Revision 1 (November 2017)

NSF/ANSI 359 – 2016 Valves for crosslinked polyethylene (PEX) water distribution tubing systems

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5 Requirements

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5.4 Performance requirements of valves

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5.4.4 C_V test

The C_V value of the valve shall be equal or greater than 95% of the manufacturer's recommended value. Testing shall be conducted as per ANSI/ISA 75.01.01**Error! Bookmark not defined.**.

NSF/ANSI 359 – 2016 Valves for crosslinked polyethylene (PEX) water distribution tubing systems

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4 Material requirements

4.1 Materials identified below and that meet the minimum requirements are acceptable for use in producing valves which comply with the minimum requirements of this standard.

4.2 ~~Materials used to manufacture valves shall meet the requirements of ASTM F877.~~ Valves shall be made of materials as specified in their respective applicable nationally recognized standards specification as mentioned in section 2 normative references.

BSR/UL 132, Standard for Safety for Safety Relief Valves for Anhydrous Ammonia and LP-Gas

1. Addition of requirements for field-installed accessories and assemblies

PROPOSAL

MARKING

28 General

28.7 If an accessory is intended to be field-installed ~~that~~ and is not shipped with the relief valve, the relief valve shall be provided with a tag, label, or similar marking on the product or smallest unit package that includes the following or equivalent statement: "For use only with (manufacturer's name) (model or catalog number) relief valve." This marking shall be repeated in the instructions accompanying the accessory. Also, the accessory shall be provided with a tag, label, or similar marking on the product or unit package that includes the following or equivalent statement: “For use only with (manufacturer's name) (model or catalog number) relief valve.”

29 Instruction manual

29.1 An accessory intended to be field-installed shall be provided with legible installation, operation, and, as applicable, user-maintenance instructions. These instructions shall be ~~preceded by the statement "IMPORTANT INFORMATION - FOLLOW ALL INSTRUCTIONS" in bold text minimum 1/2 in (12.7 mm) high with at least the following information in text minimum 1/8 in (3.2 mm) high using any or all of the following methods:~~ shipped in printed format with the accessory. The instructions can be electronic edition on manufacturer’s website, with relevant QR code and statement “Scan QR code or visit manufacturer’s website for installation instructions” or equivalent, or a statement may be provided indicating where to find instructions on the manufacturer’s website.

~~a) Shipped with the accessory in a printed format; or~~

~~b) Shipped with the accessory on a device that can be read on a PC; or~~

~~c) Available at the manufacturer's website.~~

29.1.1 The instructions in 29.1shall be preceded by the statement "IMPORTANT INFORMATION - FOLLOW ALL INSTRUCTIONS" in bold text minimum 1/2 in (12.7 mm) high and shall contain, at minimum, the information listed in 29.2 – 29.6, in text minimum 1/8 in (3.2 mm) high.

29.4 A statement that accessories shall only be installed by trained personnel.

29.5 A statement that a relief device shall only have an accessory added or replaced if there are two or more relief devices installed on a tank. Only one relief device shall be worked on at one time. The remaining relief devices shall remain functional, and provide the rated relieving capacity required for the container.

29.6 A statement that these devices are only for use on tanks in accordance with NFPA 59.

BSR/UL 834, Standard for Safety for Heating, Water Supply, and Power Boilers - Electric

1. Revise marking requirements for valves

PROPOSAL

34.2 Each safety valve and safety relief valve shall be marked with the ASME ~~Code symbol of~~ Certification Mark and have either the "V" Designator ~~in a cloverleaf~~ for high pressure boilers, or the ~~a~~ "HV" Designator ~~in a cloverleaf~~ for low pressure boilers.

BSR/UL 1191, Standard for Safety for Components for Personal Flotation Devices

1. Automatic Inflation Systems Inadvertent Puncture requirement

PROPOSAL

32.14 Inadvertent Puncture Test

32.14.1 The following test is to be conducted when an inflation system relies on contact between the cylinder pierce cap ~~the insertion~~ of a CO_2 cylinder and a mechanism inside the inflator to reposition the activation mechanism (ie. pierce pin) or any other device that touches the cylinder pierce cap.

32.14.2 This test is to determine if repeated insertion and removal of the same cylinder will damage the CO_2 cylinder such that it is punctured.

32.14.3 One recognized component CO_2 cylinder of each different pierce cap type shall be used for this test.

32.14.4 Each ~~A~~ CO_2 cylinder~~, as defined by the manufacturer,~~ shall be completely installed per the inflation mechanism manufacturer's instructions. Each ~~The~~ cylinder shall then be completely removed. This cycle shall then be repeated 19 more times using the same cylinder and mechanism.

32.14.5 At the completion of the 20 cycles, if the cylinder pierce cap base material is disturbed by the device, that cylinder shall be subjected to the High Temperature exposure as defined in Table 32.2 (Non-Indicating Cylinders) or Table 32.3 (Cylinder Seal Indicating Cylinders), as dictated by the design. Compliance criteria would be CO_2 cylinder shall not leak through the cylinder pierce cap ~~the CO_2 cylinder shall not be punctured such that the CO_2 gas is released~~.

32.14.6 The process described in 32.14.4 and 32.14.5 shall be repeated with each of the currently Recognized Component cylinders. A new mechanism shall be used with each different cylinder with different pierce cap type.

Standards Action Publishing Schedule for 2018, Volume No. 49

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The last three columns display the 30, 45 & 60-DAY PR (Public Review) END dates

ISSUE	SUBMIT START	*SUBMIT END 5 PM	SA PUBLISHED	30-DAY PR END	45-DAY PR END	60-DAY PR END
1	12/19/2017	12/25/2017	Jan-5	2/4/2018	2/19/2018	3/6/2018
2	12/26/2017	1/1/2018	Jan-12	2/11/2018	2/26/2018	3/13/2018
3	1/2/2018	1/8/2018	Jan-19	2/18/2018	3/5/2018	3/20/2018
4	1/9/2018	1/15/2018	Jan-26	2/25/2018	3/12/2018	3/27/2018
5	1/16/2018	1/22/2018	Feb-2	3/4/2018	3/19/2018	4/3/2018
6	1/23/2018	1/29/2018	Feb-9	3/11/2018	3/26/2018	4/10/2018
7	1/30/2018	2/5/2018	Feb-16	3/18/2018	4/2/2018	4/17/2018
8	2/6/2018	2/12/2018	Feb-23	3/25/2018	4/9/2018	4/24/2018
9	2/13/2018	2/19/2018	Mar-2	4/1/2018	4/16/2018	5/1/2018
10	2/20/2018	2/26/2018	Mar-9	4/8/2018	4/23/2018	5/8/2018
11	2/27/2018	3/5/2018	Mar-16	4/15/2018	4/30/2018	5/15/2018
12	3/6/2018	3/12/2018	Mar-23	4/22/2018	5/7/2018	5/22/2018
13	3/13/2018	3/19/2018	Mar-30	4/29/2018	5/14/2018	5/29/2018
14	3/20/2018	3/26/2018	Apr-6	5/6/2018	5/21/2018	6/5/2018
15	3/27/2018	4/2/2018	Apr-13	5/13/2018	5/28/2018	6/12/2018
16	4/3/2018	4/9/2018	Apr-20	5/20/2018	6/4/2018	6/19/2018
17	4/10/2018	4/16/2018	Apr-27	5/27/2018	6/11/2018	6/26/2018
18	4/17/2018	4/23/2018	May-4	6/3/2018	6/18/2018	7/3/2018
19	4/24/2018	4/30/2018	May-11	6/10/2018	6/25/2018	7/10/2018
20	5/1/2018	5/7/2018	May-18	6/17/2018	7/2/2018	7/17/2018
21	5/8/2018	5/14/2018	May-25	6/24/2018	7/9/2018	7/24/2018
22	5/15/2018	5/21/2018	Jun-1	7/1/2018	7/16/2018	7/31/2018
23	5/22/2018	5/28/2018	Jun-8	7/8/2018	7/23/2018	8/7/2018
24	5/29/2018	6/4/2018	Jun-15	7/15/2018	7/30/2018	8/14/2018
25	6/5/2018	6/11/2018	Jun-22	7/22/2018	8/6/2018	8/21/2018
26	6/12/2018	6/18/2018	Jun-29	7/29/2018	8/13/2018	8/28/2018
27	6/19/2018	6/25/2018	Jul-6	8/5/2018	8/20/2018	9/4/2018
28	6/26/2018	7/2/2018	Jul-13	8/12/2018	8/27/2018	9/11/2018
29	7/3/2018	7/9/2018	Jul-20	8/19/2018	9/3/2018	9/18/2018
30	7/10/2018	7/16/2018	Jul-27	8/26/2018	9/10/2018	9/25/2018
31	7/17/2018	7/23/2018	Aug-3	9/2/2018	9/17/2018	10/2/2018

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32	7/24/2018	7/30/2018	Aug-10	9/9/2018	9/24/2018	10/9/2018
33	7/31/2018	8/6/2018	Aug-17	9/16/2018	10/1/2018	10/16/2018
34	8/7/2018	8/13/2018	Aug-24	9/23/2018	10/8/2018	10/23/2018
35	8/14/2018	8/20/2018	Aug-31	9/30/2018	10/15/2018	10/30/2018
36	8/21/2018	8/27/2018	Sep-7	10/7/2018	10/22/2018	11/6/2018
37	8/28/2018	9/3/2018	Sep-14	10/14/2018	10/29/2018	11/13/2018
38	9/4/2018	9/10/2018	Sep-21	10/21/2018	11/5/2018	11/20/2018
39	9/11/2018	9/17/2018	Sep-28	10/28/2018	11/12/2018	11/27/2018
40	9/18/2018	9/24/2018	Oct-5	11/4/2018	11/19/2018	12/4/2018
41	9/25/2018	10/1/2018	Oct-12	11/11/2018	11/26/2018	12/11/2018
42	10/2/2018	10/8/2018	Oct-19	11/18/2018	12/3/2018	12/18/2018
43	10/9/2018	10/15/2018	Oct-26	11/25/2018	12/10/2018	12/25/2018
44	10/16/2018	10/22/2018	Nov-2	12/2/2018	12/17/2018	1/1/2019
45	10/23/2018	10/29/2018	Nov-9	12/9/2018	12/24/2018	1/8/2019
46	10/30/2018	11/5/2018	Nov-16	12/16/2018	12/31/2018	1/15/2019
47	11/6/2018	11/12/2018	Nov-23	12/23/2018	1/7/2019	1/22/2019
48	11/13/2018	11/19/2018	Nov-30	12/30/2018	1/14/2019	1/29/2019
49	11/20/2018	11/26/2018	Dec-7	1/6/2019	1/21/2019	2/5/2019
50	11/27/2018	12/3/2018	Dec-14	1/13/2019	1/28/2019	2/12/2019
51	12/4/2018	12/10/2018	Dec-21	1/20/2019	2/4/2019	2/19/2019
52	12/11/2018	12/17/2018	Dec-28	1/27/2019	2/11/2019	2/26/2019