ANSI STANDARDS ACTION

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American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

ISSN 0038-9633

Comment Deadline: July 3, 2016

AISI (American Iron and Steel Institute)

Supplement

BSR/AISI S400-15/S1-16-201x, Supplement 1 to the North American Standard for Seismic Design of Cold-Formed Steel Structural Systems (supplement to ANSI/AISI S400-2015)

This supplement is to revise the expected strength factors for cold-formed steel light-frame shear walls sheathed with wood structural panels, steel sheet sheathing, gypsum board, or fiberboard panel sheathing.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Helen Chen, (202) 452-7100, Hchen@steel.org

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME B16.4-201x, Gray Iron Threaded Fittings Classes 125 and 250 (revision of ANSI/ASME B16.4-2011)

This Standard for gray iron threaded fittings, Classes 125 and 250, covers:

(a) pressure-temperature ratings;

(b) sizes and method of designating openings of reducing fittings;

(c) marking;

(d) material;

(e) dimensions and tolerances;

(f) threading;

(g) coatings;

Mandatory Appendix I provides table values in U.S. Customary units.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Erika Lawson, (212) 591-8094, lawsone@asme.org

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME B16.42-201x, Ductile Iron Pipe Flanges and Flanged Fittings Classes 150 and 300 (revision of ANSI/ASME B16.42-2011)

This Standard covers minimum requirements for Classes 150 and 300 cast ductile iron pipe flanges and flanged fittings. The requirements covered are as follows:

(a) pressure-temperature ratings;

(b) sizes and method of designating openings of reducing fittings;

(c) marking;

(d) material;

(e) dimensions and tolerances;

(f) bolts, nuts, and gaskets; and

(g) tests.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Erika Lawson, (212) 591-8094, lawsone@asme.org

NSF (NSF International)

Revision

BSR/NSF 4-201x (i22r3), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANSI/NSF 4-2014)

Commercial cooking, rethermalization, and powered hot food holding and transportation equipment covered by this Standard includes, but is not limited to: ranges, ovens, fat/oil fryers, fat/oil filters, griddles, tilting griddle skillets, broilers, steam and pressure cookers, kettles, rotisseries, toasters, coffee makers and other hot beverage makers, component water heating equipment, proofing boxes and cabinets, hot food holding equipment, rethermalization equipment, and hot food transport cabinets.

Click here to view these changes in full

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

NSF (NSF International)

Revision

BSR/NSF 14-201x (i72r1), Plastics piping system components and related materials (revision of ANSI/NSF 14-2015)

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

Click here to view these changes in full

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

NSF (NSF International)

Revision

BSR/NSF 14-201x (i73r1), Plastics piping system components and related materials (revision of ANSI/NSF 14-2015)

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

Click here to view these changes in full

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

NSF (NSF International)

Revision

BSR/NSF 50-201x (i113r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2015)

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: Lauren Panoff, (734) 769-5197, lpanoff@nsf.org

NSF (NSF International)

Revision

BSR/NSF 50-201x (i114r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2015)

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: Lauren Panoff, (734) 769-5197, lpanoff@nsf.org

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 268-201x, Standard for Safety for Smoke Detectors for Fire Alarm Systems (revision of ANSI/UL 268-2016)

June 3, 2016 document proposes changes to original proposal dated 2-12-16 regarding cooking nuisance and polyurethane flaming and smoldering tests for the seventh edition of UL 268.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 746A-201x, Standard for Safety for Polymeric Materials - Short Term Property Evaluations (revision of ANSI/UL 746A-2016)

This proposal is a response to comments received by UL to a proposal for the enhancement of conformance criteria in the polymer variations program in Section 9.9 that was published on March 25, 2016.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1069-201x, Standard for Safety for Hospital Signaling and Nurse Call Equipment (revision of ANSI/UL 1069-2015)

UL 1069 Fundamentals Update.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Barbara Davis, Barbara.J.Davis@ul.com

Comment Deadline: July 18, 2016

ANS (American Nuclear Society)

Reaffirmation

BSR/ANS 6.4.2-2006 (R201x), Specification for Radiation Shielding Materials (reaffirmation of ANSI/ANS 6.4.2-2006)

The standard sets forth physical and nuclear properties that shall be reported by the supplier as appropriate for a particular application in order to form the basis for the selection of radiation shielding materials.

Single copy price: $78.00

Obtain an electronic copy from: scook@ans.org

Order from: scook@ans.org

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

ANS (American Nuclear Society)

Reaffirmation

BSR/ANS 15.2-1999 (R201x), Quality Control for Plate-Type Uranium-Aluminum Fuel Elements (reaffirmation of ANSI/ANS 15.2-1999 (R2009))

This standard sets forth general requirements for the establishment and execution of a program designed to verify that the qualify of plate-type uranium-aluminum fuel elements being purchased for research reactors conforms to the requirements of the contract and applicable technical documents, including specifications, standards, and drawings.

Single copy price: $64.00

Obtain an electronic copy from: S. Cook (scook@ans.org)

Order from: S. Cook, scook@ans.org

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

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

New Standard

BSR/APCO/NENA 2.105.1-201x, APCO/NENA NG 9-1-1 Emergency Incident Data Document (EIDD) (new standard)

This standard will develop and implement the NIEM-conformant NG9-1-1 EIDD Exchange Standard to be used by NG9-1-1 systems to exchange incident information between disparate vendor systems. It will define specific incident elements, attributes, and data structures in a NIEM-conformant XML schema and associated documents.

Single copy price: Free

Obtain an electronic copy from: mcduffiec@apcointl.org

Order from: Crystal McDuffie, (919) 625-6864, mcduffiec@apcointl.org; standards@apcointl.org

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

ASCE (American Society of Civil Engineers)

New Standard

BSR/ASCE/EWRI 50-201x, Standard Guideline for Fitting Saturated Hydraulic Conductivity Using Probability Density Functions (new standard)

This standard guideline outlines a procedure to optimize the fitting and goodness-of-fit testing of a probability density function (pdf) to a sample of saturated hydraulic conductivity (K) measurements. The procedure assumes a uniform scale of observation (similar measuring device) and statistically homogeneous and independent hydraulic conductivity measurements.

Single copy price: Free

Obtain an electronic copy from: jneckel@asce.org

Order from: James Neckel, 703-295-6176, jneckel@asce.org

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

ASCE (American Society of Civil Engineers)

New Standard

BSR/ASCE/EWRI 51-201x, Standard Guideline for Calculating the Effective Saturated Hydraulic Conductivity (new standard)

This standard guideline outlines a procedure to calculate the effective saturated hydraulic conductivity in local-scale groundwater flow. The effective saturated hydraulic conductivity is a parameter that relates the average groundwater specific discharge to the average hydraulic gradient. This standard guideline procedure assumes: (i) a uniform scale of observation (that is, the use of a similar measuring device for all saturated hydraulic conductivity measurements) and (ii) statistically homogeneous saturated hydraulic conductivity (K) with axisymmetric or isotropic spatial covariance.

Single copy price: Free

Obtain an electronic copy from: jneckel@asce.org

Order from: James Neckel, 703-295-6176, jneckel@asce.org

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

ASCE (American Society of Civil Engineers)

New Standard

BSR/ASCE/EWRI 54-201x, Standard Guideline for the Geostatistical Estimation and Block-Averaging of Homogeneous and Isotropic Saturated Hydraulic Conductivity (new standard)

This standard guideline outlines procedures for the geostatistical estimation and block averaging of homogeneous and isotropic saturated hydraulic conductivity. The procedures are applicable to 1-, 2-, and 3-dimensional data sets of saturated hydraulic conductivity.

Single copy price: Free

Obtain an electronic copy from: jneckel@asce.org

Order from: James Neckel, 703-295-6176, jneckel@asce.org

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

ASCE (American Society of Civil Engineers)

New Standard

BSR/ASCE/EWRI xx/yy-201x, Calculation of the Saturated Hydraulic Conductivity of Fine-Grained Soils (new standard)

This is a standard guideline for calculating the saturated hydraulic conductivity (K_sat), permeability (k), and porosity (n) of fine-grained, isotropic, and homogeneous soils using (i) strain-stress data from the incremental loading of a soil sample in a standardized consolidometer (step-load test), (ii) 1D vertical consolidation theory relating K_sat to the coefficient of consolidation (c_v), (iii) the relation between K_sat and k, and (iv) the relation between porosity and the void ratio of a soil undergoing primary consolidation.

Single copy price: Free

Obtain an electronic copy from: jneckel@asce.org

Order from: James Neckel, 703-295-6176, jneckel@asce.org

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

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME B16.11-201x, Forged Fittings, Socket-Welding and Threaded (revision of ANSI/ASME B16.11-2011)

This Standard covers ratings, dimensions, tolerances, marking, and material requirements for forged fittings, both socket-welding and threaded, as illustrated in Tables 1 through 5 and Tables I-1 through I-5, inclusive. Types of fittings covered by this Standard are shown in Table 6, by class and size range. Fittings shown in Tables 1 through 5 and Tables I-1 through I-5 may also be made with combinations of socket-welding and threaded ends. Fittings with special dimensions, threads, or counterbores may be made by agreement between the manufacturer and purchaser. When such fittings meet all other stipulations of this Standard, they shall be considered in compliance there-with, provided they are appropriately marked (see section 4). Installation welding requirements are not within the scope of this Standard. Installation welding shall be in accordance with the applicable piping code or regulation covering the piping system into which the fittings are installed.

Single copy price: Free

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

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

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

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME B31.8-201x , Gas Transmission and Distribution Piping Systems (revision of ANSI/ASME B31.8-2014)

This Code covers the design, fabrication, installation, inspection, and testing of pipeline facilities used for the transportation of gas. This Code also covers safety aspects of the operation and maintenance of those facilities. (See Mandatory Appendix Q for scope diagrams.) This Code is concerned only with certain safety aspects of liquefied petroleum gases when they are vaporized and used as gaseous fuels. All of the requirements of NFPA 58 and NFPA 59 and of this Code concerning design, construction, and operation and maintenance of piping facilities shall apply to piping systems handling butane, propane, or mixtures of these gases.

Single copy price: Free

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

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

Send comments (with copy to psa@ansi.org) to: Adam Maslowski, (212) 591-8017, maslowskia@asme.org

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME B31.8S-201x, Managing System Integrity of Gas Pipelines (revision of ANSI/ASME B31.8S-2014)

This Code applies to onshore pipeline systems constructed with ferrous materials and that transport gas. The principles and processes embodied in integrity management are applicable to all pipeline systems. This Code is specifically designed to provide the operator (as defined in section 13) with the information necessary to develop and implement an effective integrity management program utilizing proven industry practices and processes. The processes and approaches described within this Code are applicable to the entire pipeline.

Single copy price: Free

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

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

Send comments (with copy to psa@ansi.org) to: Adam Maslowski, (212) 591-8017, maslowskia@asme.org

ASSE (ASC A10) (American Society of Safety Engineers)

Revision

BSR/ASSE A10.16-201X, Safety Requirements for Tunnels, Shafts, and Caissons Standard for Construction and Demolition Operations (revision of ANSI/ASSE A10.16-2009)

This standard establishes safety requirements pertaining to the construction of tunnels, shafts, and caissons. The requirements set forth in this standard cover environmental control; related facilities; fire prevention; hoisting; haulage; and electrical, drilling and blasting, and compressed air work. This standard is not intended for application to mining or quarrying operations.

Single copy price: $80.00

Obtain an electronic copy from: TFisher@ASSE.Org

Order from: Tim Fisher, (847) 768-3411, TFisher@ASSE.Org

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

ASSE (ASC Z9) (American Society of Safety Engineers)

Revision

BSR/ASSE Z9.1-201X, Ventilation and Control of Airborne Contaminants during Open-Surface Tank Operations (revision of ANSI AIHA Z9.1-2006)

This standard establishes minimum control requirements and ventilation system design criteria for controlling and removing air contaminants to protect the health of personnel engaged in open-surface tank operations. It is not intended to cover fire protection.

Single copy price: $77.00

Obtain an electronic copy from: OMunteanu@ASSE.org

Order from: Ovidiu Munteanu, (847) 232-2012, OMunteanu@ASSE.org

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

ATIS (Alliance for Telecommunications Industry Solutions)

Reaffirmation

BSR/ATIS 0600010.03-2011 (R201x), Heat Dissipation Requirements for Network Telecommunications Equipment (reaffirmation of ANSI/ATIS 0600010.03-2011)

The purpose of this Standard is to provide the methods for the measurement of the heat release and to quantify/define airflow characteristics of telecommunications equipment. This Standard may assist in the efficient design and deployment of a telecommunications facility.

Single copy price: $110.00

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

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

AWWA (American Water Works Association)

Revision

BSR/AWWA C300-201x, Reinforced Concrete Pressure Pipe, Steel-Cylinder Type (revision of ANSI/AWWA C300-2011)

This standard describes the manufacture of reinforced concrete cylinder pipe in sizes 30 in. to 144 in. (760 mm to 3,660 mm), inclusive. Larger sizes have been manufactured based on the concepts of this standard. This type of pipe is designed for the internal pressure, external loads, and bedding conditions designated by the purchaser. This standard does not include requirements for design, handling, delivery, laying, field testing, or disinfection of pipe.

Single copy price: $20.00

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 C302-201x, Reinforced Concrete Pressure Pipe, Noncylinder Type (revision of ANSI/AWWA C302-2011)

This standard describes the manufacture of circumferentially reinforced concrete pressure pipe, without a steel cylinder and not prestressed, in sizes 12 in. to 144 in. (300 mm to 3,660 mm) inclusive and for working pressures not exceeding 55 psi (380 kPa) and working plus surge pressures not exceeding a total pressure of 65 psi (450 kPa).

Single copy price: $20.00

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)

New National Adoption

BSR/CSA LNG 1-201x, Liquefied natural gas fueling connections devices (identical national adoption of ISO 12617)

This International Standard specifies liquefied natural gas (LNG) refuelling nozzles and receptacles constructed entirely of new and unused parts and materials for road vehicles powered by LNG. An LNG refuelling connector consists of, as applicable, the receptacle and its protective cap (mounted on the vehicle) and the nozzle. This International standard is applicable only to such devices designed for a maximum working pressure of 3,4 MPa (34 bar) to those using LNG as vehicle fuel and having standardized mating components.

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

HL7 (Health Level Seven)

Revision

BSR/HL7 IMTRANS, R2-201x, HL7 Version 3 Standard: Transmission Infrastructure, Release 2 (revision and redesignation of ANSI/HL7 V3 IM R1.1-2013)

This domain addresses the following aspects about the communications environment that is considered common to all HL7 version 3 messaging implementations: (1) A specification for the composite HL7 version 3 message; (2) A protocol for reliable message delivery, (3) Generic "communication roles" that support the modes of HL7 messaging; and (4) Message control events that describe a framework for generic HL7 messaging.

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

Obtain an electronic copy from: Karenvan2HL7.org

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

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

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

Revision

BSR/CSA B45.5/IAPMO Z124-201x, Plastic plumbing fixtures (revision of ANSI/IAPMO Z124/CSA B45.5-2011)

This Standard covers plastic plumbing fixtures and specifies requirements for materials, construction, performance, testing, and markings. This Standard covers the following plumbing fixtures: (a) bathtubs and combination tub/showers; (b) lavatories; (c) shower bases and shower stalls; (d) sinks: (i) bar sinks, (ii) kitchen sinks, (iii) laundry sinks, and (iv) service sinks; (e) urinals; and (f) water closets.

Single copy price: $75.00 US

Obtain an electronic copy from: Standards@iapmostandards.org

Order from: Charles Gross, (909) 472-4136, charles.gross@iapmo.org

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

NSF (NSF International)

Revision

BSR/NSF 350-201x (i10r1), Onsite residential and commercial water reuse treatment systems (revision of ANSI/NSF 350-2014)

This Standard contains minimum requirements for onsite residential and commercial water treatment systems.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/document.php?document_id=32700&wg_abbrev=wwt_jc

Order from: Lauren Panoff, (734) 769-5197, lpanoff@nsf.org

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

RVIA (Recreational Vehicle Industry Association)

Revision

BSR/RVIA LV-201x, Standard for Low Voltage Systems in Conversion and Recreational Vehicles (revision of ANSI/RVIA LV-2013)

This standard covers the installation of low voltage electrical systems and devices within conversion and recreational vehicles. In the absence of specific instructions from the automotive OEM, this standard also covers any additions, deletions, or modifications to any part of the original equipment chassis manufacturer's electrical system.

Single copy price: $20.00

Obtain an electronic copy from: kperkins@rvia.org

Order from: Kent Perkins, (703) 620-6003, kperkins@rvia.org

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

SCTE (Society of Cable Telecommunications Engineers)

New Standard

BSR/SCTE 200-201x, Specification for a 75 ohm 'MMCX' Connector (MMCX -75), Male & Female Interface (new standard)

The purpose of this document is to specify requirements for the male/female interface of a 75-ohm, 3-GHz rated connector series generically known as MMCX-75. This is an indoor connector with applications in controlled environments such as headends and hubsites where high-density platform chassis are used. MMCX-75 connectors are not intended to be mated with 50-ohm MMCX design counterparts.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

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

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

SDI (Steel Deck Institute)

Revision

BSR/SDI-C-201x, Standard for Composite Steel Floor Deck-Slabs (revision of ANSI/SDI C-2011)

SDI-C is a standard for composite steel floor deck to be used by designers, specifiers, manufacturers, and installers of composite steel floor deck-slabs. The specification sets guidelines and requirements relating to quality assurance, materials, design, materials handling, and installation of composite steel floor deck. Non-mandatory user notes are included for further clarification and guidance.

Single copy price: $5.00

Obtain an electronic copy from: bob@sdi.org

Order from: bob@sdi.org

Send comments (with copy to psa@ansi.org) to: Thomas Sputo; tsputo50@gmail.com

SDI (Steel Deck Institute)

Revision

BSR/SDI NC-201x, Standard for Non-Composite Steel Floor Deck (revision of ANSI/SDI NC-2010)

SDI-NC is a standard for non-composite steel floor deck to be used by designers, specifiers, manufacturers, and installers of non-composite steel floor deck. The specification sets guidelines and requirements relating to quality assurance, materials, design, materials handling, and installation of non-composite steel floor deck. Non-mandatory user notes are included for further clarification and guidance.

Single copy price: $5.00

Obtain an electronic copy from: bob@sdi.org

Order from: bob@sdi.org

Send comments (with copy to psa@ansi.org) to: Thomas Sputo; tsputo50@gmail.com

SDI (Steel Deck Institute)

Revision

BSR/SDI RD-201x, Standard for Steel Roof Deck (revision of ANSI/SDI RD -2010)

SDI-RD is a standard for steel roof deck to be used by designers, specifiers, manufacturers, and installers of steel roof deck. The specification sets guidelines and requirements relating to quality assurance, materials, design, materials handling, and installation of steel roof deck. Non-mandatory user notes are included for further clarification and guidance.

Single copy price: $5.00

Obtain an electronic copy from: bob@sdi.org

Order from: bob@sdi.org

Send comments (with copy to psa@ansi.org) to: Thomas Sputo; tsputo50@gmail.com

SDI (Steel Deck Institute)

Revision

BSR/SDI T-CD-201x, Test Standard for Composite Steel Deck Slabs (revision of ANSI/SDI T-CD-2011)

SDI-T-CD is a standard for structural testing of composite steel deck slabs to be used by designers, specifiers, manufacturers, and installers of composite steel deck slabs. The specification sets guidelines and requirements relating to methods for structural testing of composite steel deck slabs. Non-mandatory user notes are included for further clarification and guidance.

Single copy price: $5.00

Obtain an electronic copy from: bob@sdi.org

Order from: bob@sdi.org

Send comments (with copy to psa@ansi.org) to: Thomas Sputo; tsputo50@gmail.com

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 60034-1-201X, Standard for Safety for Rotating Electrical Machines - Part 1: Rating and Performance (identical national adoption of IEC 60034 -1)

UL proposes to adopt the requirements of IEC 60034-1, which covers rating and performance criteria applicable to all rotating electrical machines.

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: Jonette Herman, (919) 549 -1479, Jonette.A.Herman@ul.com

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 60079-7-201X, Standard for Safety for Explosive Atmospheres - Part 7: Equipment Protection by Increased Safety "e" (Proposal dated 06-03 -16) (national adoption of IEC 60079-7 with modifications and revision of ANSI/UL 60079-7-2008 (R2013))

This proposal includes the fifth edition of the Standard for Explosive Atmospheres - Part 7: Equipment Protection by Increased Safety "e" (fifth edition, issued by IEC June 2015) as a new IEC-based UL standard, UL 60079-7 with U.S. differences.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 977-2012 (201X), Standard for Safety for Fused Power-Circuit Devices (Proposal dated 06-03-16) (reaffirmation of ANSI/UL 977-2012)

Reaffirmation and continuance of the 5th edition of the ANSI/UL 977-2012, Standard for Fused Power-Circuit Devices.

Single copy price: Contact comm2000 for pricing and delivery options

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UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 1412-2012 (R201x), Standard for Safety for Fusing Resistors and Temperature-Limited Resistors for Radio- and Television-Type Appliances (reaffirmation of ANSI/UL 1412-2012)

Reaffirm UL 1412 as an American National Standard. UL 1412 covers fusing resistors and temperature-limited resistors to be employed in radio- and television-type appliances. These requirements also apply to resistor mounting assemblies intended for use with such resistors. These requirements cover fusing resistors and temperature-limited resistors for use in radio- and television-type appliances in circuits that do not involve potentials greater than 2500 V peak.

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UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 796-201x, Standard for Safety for Printed-Wiring Boards (revision of ANSI/UL 796-2016)

This proposal for UL 796 covers the clarification of requirements for solder limit evaluation for laminates and printed wiring boards.

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UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1678-201x, Standard for Safety for Household, Commercial, and Institutional-Use Carts, Stands and Entertainment Centers for Use with Audio and/or Video Equipment (revision of ANSI/UL 1678-2012)

(1).Revisions to address potential injury from different loading and unloading scenarios; (2) Additional requirements regarding the securement of an audio or video device to the cart, stand or entertainment center; (3) Revisions to address polymeric components whose failure would cause the supported weight of the audio or video product to be released; (4) Addition of requirements for testing wide handles with the load distributed between two 3-inch areas on the single handle; and (5) Revision to Figure 16.6 (Appurtenance loading).

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Comment Deadline: August 2, 2016

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 444-201X, Standard for Safety for Communications Cables (Proposals dated 6/3/16) (revision of ANSI/UL 444-2015)

Proposed fifth edition of the Standard for Communication Cables, UL 444, including the following changes: (a) Revision to paragraph 5.9.2 to ensure proper bonding; (b) LP cables; (c) Revision to recognized markings in Canada; (d) Correction to drop weight in paragraph 7.13.3; (e) Addition of material type TPE to Tables 9 and 10; (f) Update to Table A1 in Appendix A; and (g) Editorial corrections.

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

INCITS/ISO/IEC TR 29196:2015 [2016], Guidance for biometric enrolment (technical report)

ISO/IEC TR 29196:2015 consolidates information relating to successful, secure and usable implementation of biometric enrollment processes, while indicating areas of uncertainty that organizations proposing to use biometric technologies will need to address during procurement, design, deployment and operation. Much of the information is generic to many types of application, e.g., from national scale commercial and government applications, through to closed user group systems for in-house operations, and to consumer applications where convenience rather than security is the primary driver for adoption of biometric technologies.

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Projects Withdrawn from Consideration

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

API (American Petroleum Institute)

BSR/API MPMS 3.5.1-201x, Refrigerated hydrocarbon fluids and non-petroleum based liquefied gaseous fuels - Part 1: Automatic tank gauges for liquefied natural gas on board marine carriers and floating storage (identical national adoption of ISO 18132-1)

Inquiries may be directed to Paula Watkins, (202) 682-8197, watkinsp@api.org

API (American Petroleum Institute)

BSR/API MPMS 3.5.2-201x, Refrigerated hydrocarbon fluids and non-petroleum based liquefied gaseous fuels - General requirements for automatic tank gauges - Part 3: Automatic tank gauges for liquefied petroleum and chemical gases on board marine carriers and floating storage (identical national adoption of ISO 18132-3)

ASTM (ASTM International)

ANSI/ASTM D1367-1996 (R2001), Test Method for Lubricating Qualities of Graphites (withdrawal of ANSI/ASTM D1367-1996 (R2001))

ASTM (ASTM International)

ANSI/ASTM D5039-1997 (R2002), Test Methods for Identification of Wire Side of Paper (withdrawal of ANSI/ASTM D5039-1997 (R2002))

ASTM (ASTM International)

ANSI/ASTM E1631-1996, Use of Calorimetric Dosimetry Systems for Electron Beam Dosimeter Measurements and Dosimeter Calibrations, Practice for (new standard)

ASTM (ASTM International)

ANSI/ASTM F1437-2006, Practice for Inclined Cargo Tank Ladders (withdrawal of ANSI/ASTM F1437-2006)

ASTM (ASTM International)

ANSI/ASTM F1637-1997, Practice for Safe Walking Surfaces (revision of ANSI/ASTM F1637-95)

ASTM (ASTM International)

BSR/ASTM 1317-1997, Test Method for Flammability of Marine Surface Finishes (new standard)

ASTM (ASTM International)

BSR/ASTM 5455-199x, Test Method for Short Term Liquid Absorption into Paper (Bristow Test) (new standard)

ASTM (ASTM International)

BSR/ASTM B106-199x, Test Method for Flexivity of Thermostat Metals (new standard)

ASTM (ASTM International)

BSR/ASTM B362-201x, Test Method for Mechanical Torque Rate of Spiral Coils of Thermostat Metal (new standard)

ASTM (ASTM International)

BSR/ASTM B478-199x, Test Method for Cross Curvature of Thermostat Metals (new standard)

ASTM (ASTM International)

BSR/ASTM B539-199x, Test Methods for Measuring Contact Resistance of Electrical Connections (Static Contacts) (new standard)

ASTM (ASTM International)

BSR/ASTM B596-199x, Specification for Gold-Copper Alloy Electrical Contact Material (new standard)

ASTM (ASTM International)

BSR/ASTM B693-199x, Specification for Silver-Nickel Electrical Contact Materials (new standard)

ASTM (ASTM International)

BSR/ASTM B808-199x, Test Method for Monitoring of Atmospheric Corrosion Chambers by Quartz Crystal Microbalances (new standard)

ASTM (ASTM International)

BSR/ASTM B812-199x, Test Method for Resistance to Environmental Degradation of Electrical Pressure Connections Involving Aluminum and Intended for Residential Applications (new standard)

ASTM (ASTM International)

BSR/ASTM B825-199x, Test Method for Coulometric Reduction of Surface Films on Metallic Test Samples (new standard)

ASTM (ASTM International)

BSR/ASTM B845-199x, Guide for Mixed Flowing Gas (MFG)Tests for Electrical Contacts (new standard)

ASTM (ASTM International)

BSR/ASTM D86-200x, Test Method for Distillation of Petroleum Products at Atmospheric Pressure (revision of ANSI/ASTM D86-2007a)

ASTM (ASTM International)

BSR/ASTM D97-200x, Test Method for Pour Point of Petroleum Products (revision of ANSI/ASTM D97-96A)

ASTM (ASTM International)

BSR/ASTM D210-200x, Test Method for Ph of Water Extractions of Halogenated Organic Solvents and Their Admixtures (revision of ANSI/ASTM D210-96)

ASTM (ASTM International)

BSR/ASTM D256-200x, Test Methods for Determining the Izod Pendulum Impact Resistance of Plastics (revision of ANSI/ASTM D256-2001)

ASTM (ASTM International)

BSR/ASTM D341-2004 (R200x), Test Method for Viscosity-Temperature Charts for Liquid Petroleum Products (reaffirmation of ANSI/ASTM D341 -2004)

ASTM (ASTM International)

BSR/ASTM D390-199x, Specification for Coal-Tar Creosote for the Preservative Treatment of Piles, Poles, and Timbers of Marine, Land, and Fresh Water Use (reaffirmation of ANSI/ASTM D390)

ASTM (ASTM International)

BSR/ASTM D566-2002, Test Method for Dropping Point of Lubricating Grease (withdrawal of ANSI/ASTM D566-2002)

ASTM (ASTM International)

BSR/ASTM D619-201x, Test Methods for Vulcanized Fibre Used for Electrical Insulation (new standard)

ASTM (ASTM International)

BSR/ASTM D635-200x, Test Method for Rate of Burning And/or Extent and Time of Burning of Self-Supporting Plastics in a Horizontal Position (revision of ANSI/ASTM D635-1998)

ASTM (ASTM International)

BSR/ASTM D638-200x, Test Method for Tensile Properties of Plastics (revision of ANSI/ASTM D638-2001)

ASTM (ASTM International)

BSR/ASTM D696-200x, Test Method for Coefficient of Linear Thermal Expansion of Plastics between -30 C and 30 C with a Vitreous Silica Dilatometer (revision of ANSI/ASTM D696-1998)

ASTM (ASTM International)

BSR/ASTM D706-199x, Classification System for Cellulose Acetate Molding and Extrusion Compounds (revision of ANSI/ASTM D706-96)

ASTM (ASTM International)

BSR/ASTM D707-199x, Specification for Cellulose Acetate Butyrate Molding and Extrusion Compounds (revision of ANSI/ASTM D707-96)

ASTM (ASTM International)

BSR/ASTM D859-200x, Test Method for Silica in Water (revision of ANSI/ASTM D859-2000)

ASTM (ASTM International)

BSR/ASTM D943-200x, Test Method for Oxidation Characteristics of Inhibited Mineral Oils (revision of ANSI/ASTM D943-2004)

ASTM (ASTM International)

BSR/ASTM D953-1995, Test Method for Bearing Strength of Plastics (revision of ANSI/ASTM D953-92)

ASTM (ASTM International)

BSR/ASTM D975-200x, Specification for Diesel Fuel Oils (revision of ANSI/ASTM D975-2008)

ASTM (ASTM International)

BSR/ASTM D1000-201x, Test Methods for Pressure-Sensitive Adhesive-Coated Tapes Used for Electrical and Electronic Applications (revision of ANSI/ASTM D1000-2004)

ASTM (ASTM International)

BSR/ASTM D1042-200x, Test Method for Linear Dimensional Changes of Plastics Under Accelerated Service Conditions (revision of ANSI/ASTM D1042-01a)

ASTM (ASTM International)

BSR/ASTM D1193-199x, Specification for Reagent Water (new standard)

ASTM (ASTM International)

BSR/ASTM D1242-200x, Test Methods for Resistance of Plastic Materials to Abrasion (revision of ANSI/ASTM D1242-1992)

ASTM (ASTM International)

BSR/ASTM D1248-200x, Specification for Polyethylene Plastics Extrusion Materials for Wire and Cable (revision of ANSI/ASTM D1248-01)

ASTM (ASTM International)

BSR/ASTM D1265-200x, Practice for Sampling Liquefied Petroleum (LP) Gases, Manual Method (revision of ANSI/ASTM D1265-2004a)

ASTM (ASTM International)

BSR/ASTM D1292-200x, Test Method for Odor in Water (revision of ANSI/ASTM D1292-1999)

ASTM (ASTM International)

BSR/ASTM D1293-1999 (R200x), Test Methods for Ph of Water (reaffirmation of ANSI/ASTM D1293-1999)

ASTM (ASTM International)

BSR/ASTM D1505-199x, Test Method for Density of Plastics by the Density-Gradient Technique (revision of ANSI/ASTM D1505)

ASTM (ASTM International)

BSR/ASTM D1550-200x, Standard ASTM Butadiene Measurement Tables (reaffirmation of ANSI/ASTM D1550-94)

ASTM (ASTM International)

BSR/ASTM D1562-199x, Specification for Cellulose Propionate Molding and Extrusion Compounds (revision of ANSI/ASTM D1562-96)

ASTM (ASTM International)

BSR/ASTM D1603-200x, Test Method for Carbon Black in Olefin Plastics (revision of ANSI/ASTM D1603-01)

ASTM (ASTM International)

BSR/ASTM D1784-200x, Specification for Rigid Poly(Vinyl Chloride) (PVC) Compounds and Chlorinated Poly(Vinyl Chloride) (CPVC) Compounds (revision of ANSI/ASTM D1784-99A)

ASTM (ASTM International)

BSR/ASTM D1824-200x, Test Method for Apparent Viscosity of Plastisols and Organosols at Low Shear Rates by Brookfield Viscometer (withdrawal of ANSI/ASTM D1824-95)

ASTM (ASTM International)

BSR/ASTM D1835-200x, Specification for Liquefied Petroleum (LP) Gases (revision of ANSI/ASTM D1835-2003a)

ASTM (ASTM International)

BSR/ASTM D1895-1997 (R200x), Test Methods for Apparent Density, Bulk Factor, and Pourability of Plastic Materials (reaffirmation of ANSI/ASTM D1895-1997)

ASTM (ASTM International)

BSR/ASTM D1976-200x, Test Method for Elements in Water by Inductively-Coupled Argon Plasma Atomic Emission Spectroscopy (revision of ANSI/ASTM D1976-96)

ASTM (ASTM International)

BSR/ASTM D2103-200x, Specification for Polyethylene Film and Sheeting (new standard)

ASTM (ASTM International)

BSR/ASTM D2186-1999 (R200x), Test Methods for Deposit-Forming Impurities in Steam (reaffirmation of ANSI/ASTM D2186-1999)

ASTM (ASTM International)

BSR/ASTM D2302-199x, Test Methods for Liquid Contaminant, Inclined-Plane Tracking and Erosion of Insulating Materials (new standard)

ASTM (ASTM International)

BSR/ASTM D2420-200x, Test Method for Hydrogen Sulfide in Liquefied Petroleum (LP) Gases (Lead Acetate Method) (revision of ANSI/ASTM D2420-2006)

ASTM (ASTM International)

BSR/ASTM D2500-200x, Test Method for Cloud Point of Petroleum Products (revision of ANSI/ASTM D2500-2005)

ASTM (ASTM International)

BSR/ASTM D2532-2004 (R200x), Test Method for Viscosity and Viscosity Change after Standing at Low Temperature of Aircraft Turbine Lubricants (reaffirmation of ANSI/ASTM D2532-2004)

ASTM (ASTM International)

BSR/ASTM D2538-199x, Test Method for Fusion of Poly(Vinyl Chloride) (PVC) Resins Using a Torque Rheometer (95-1, Item 20) (revision of ANSI/ASTM D2538-1994)

ASTM (ASTM International)

BSR/ASTM D2619-200x, Test Method for Hydrolytic Stability of Hydraulic Fluids Beverage Bottle Method (revision of ANSI/ASTM D2619-1995 (R2002))

ASTM (ASTM International)

BSR/ASTM D2688-200x, Test Methods for Corrosivity of Water in the Absence of Heat Transfer Weight Loss Methods (revision of ANSI/ASTM D2688-1999)

ASTM (ASTM International)

BSR/ASTM D2709-200x, Test Method for Water and Sediment in Middle Distillate Fuels by Centrifuge (reaffirmation of ANSI/ASTM D2709-93)

ASTM (ASTM International)

BSR/ASTM D2913-200x, Test Method for Mercaptan Content of the Atmosphere (reaffirmation of ANSI/ASTM D2913-96)

ASTM (ASTM International)

BSR/ASTM D2914-200x, Test Methods for Sulfur Dioxide Content of the Atmosphere (West-Gaeke Method) (revision of ANSI/ASTM D2914-95)

ASTM (ASTM International)

BSR/ASTM D2983-200x, Test Method for Low-Temperature Viscosity of Lubricants Measured by Brookfield Viscometer (revision of ANSI/ASTM D2983-2004)

ASTM (ASTM International)

BSR/ASTM D3084-200x, Practice for Alpha-Particle Spectrometry of Water (revision of ANSI/ASTM D3084-1996)

ASTM (ASTM International)

BSR/ASTM D3117-2003 (R200x), Test Method for Wax Appearance Point of Distillate Fuels (reaffirmation of ANSI/ASTM D3117-2003)

ASTM (ASTM International)

BSR/ASTM D3227-200x, Test Method for Thiol Mercaptan Sulfur in Gasoline, Kerosine, Aviation Turbine, and Distillate Fuels - Potentiometric Method (revision of ANSI/ASTM D3227-2004)

ASTM (ASTM International)

BSR/ASTM D3231-200x, Test Method for Phosphorus in Gasoline (revision of ANSI/ASTM D3231-2007)

ASTM (ASTM International)

BSR/ASTM D3237-200x, Test Method for Lead in Gasoline by Atomic ABSorption Spectroscopy (revision of ANSI/ASTM D3237-2006)

ASTM (ASTM International)

BSR/ASTM D3241-200x, Test Method for Thermal Oxidation Stability of Aviation Turbine Fuels (JFTOT Procedure) (revision of ANSI/ASTM D3241 -2007)

ASTM (ASTM International)

BSR/ASTM D3245-2003 (R200x), Test Method for Pumpability of Industrial Fuel Oils (reaffirmation of ANSI/ASTM D3245-2003)

ASTM (ASTM International)

BSR/ASTM D3269-200x, Test Methods for Analysis for Fluoride Content of the Atmosphere and Plant Tissues (Manual Procedures) (reaffirmation of ANSI/ASTM D3269-96)

ASTM (ASTM International)

BSR/ASTM D3294-199x, Specification for PTFE Resin Molded Sheet and Molded Basic Shapes (revision of ANSI/ASTM D3294-91a)

ASTM (ASTM International)

BSR/ASTM D3306-200x, Specification for Glycol Base Engine Coolant for Automobile and Light-Duty Service (revision of ANSI/ASTM D3306-01)

ASTM (ASTM International)

BSR/ASTM D3341-200x, Test Method for Lead in Gasoline - Iodine Monochloride Method (revision of ANSI/ASTM D3341-91)

ASTM (ASTM International)

BSR/ASTM D3341-200x, Test Method for Lead in Gasoline - Iodine Monochloride Method (revision of ANSI/ASTM D3341-2005)

ASTM (ASTM International)

BSR/ASTM D3345-199x, Test Method for Laboratory Evaluation of Wood and Other Cellulosic Materials for Resistance to Termites (reaffirmation of ANSI/ASTM D3345)

ASTM (ASTM International)

BSR/ASTM D3372-200x, Test Method for Molybdenum in Water (revision of ANSI/ASTM D3372-96)

ASTM (ASTM International)

BSR/ASTM D3380-201x, Test Method for Relative Permittivity Dielectric Constant and Dissipation Factor of Polymer-Based Microwave Circuit Substrates (revision of ANSI/ASTM D3380-2003)

ASTM (ASTM International)

BSR/ASTM D3464-200x, Test Method for Average Velocity in a Duct Using a Thermal Anemometer (reaffirmation of ANSI/ASTM D3464-96)

ASTM (ASTM International)

BSR/ASTM D3483-1999 (R200x), Test Methods for Accumulated Deposition in a Steam Generator Tube (reaffirmation of ANSI/ASTM D3483-1999)

ASTM (ASTM International)

BSR/ASTM D3485-201x, Specification for Coilable High Density Polyethylene (HDPE) Cable in Conduit (CIC) (new standard)

ASTM (ASTM International)

BSR/ASTM D3534-200x, Test Method for Polychlorinated Biphenyls (PCBS) in Water (withdrawal of ANSI/ASTM D3534)

ASTM (ASTM International)

BSR/ASTM D3634-200x, Test Method for Trace Chloride Ion in Engine Coolants (revision of ANSI/ASTM D3634)

ASTM (ASTM International)

BSR/ASTM D3712-200x, Test Method for Analysis of Oil-Soluble Petroleum Sulfonates by Liquid Chromatography (reaffirmation of ANSI/ASTM D3712 -1991)

ASTM (ASTM International)

BSR/ASTM D3739-200x, Practice for Calculation and Adjustment of the Langelier Saturation Index for Reverse Osmosis (revision of ANSI/ASTM D3739-1998 (R2003))

ASTM (ASTM International)

BSR/ASTM D3748-200x, Practice for Evaluating High-Density Rigid Cellular Thermoplastics (revision of ANSI/ASTM D3748-1998)

ASTM (ASTM International)

BSR/ASTM D3814-199x, Guide for Locating Combustion Test Methods for Plastics (revision of ANSI/ASTM D3814-91)

ASTM (ASTM International)

BSR/ASTM D3844-199x, Guide for Labeling Halogenated Hydrocarbon Solvent Containers (new standard)

ASTM (ASTM International)

BSR/ASTM D3915-200x, Specification for Rigid Poly(Vinyl Chloride) (PVC) and Chlorinated Poly(Vinyl Chloride) (CPVC) Compounds for Plastic Pipe and Fittings Used in Pressure Applications (revision of ANSI/ASTM D3915 -99a)

ASTM (ASTM International)

BSR/ASTM D4047-200x, Test Method for Phosphorus in Lubricating Oils and Additives by Quinoline Phosphomolybdate Method (revision of ANSI/ASTM D4047-1991)

ASTM (ASTM International)

BSR/ASTM D4051-1999 (R200x), Practice for Preparation of Low-Pressure Gas Blends (reaffirmation of ANSI/ASTM D4051-1999)

ASTM (ASTM International)

BSR/ASTM D4056-200x, Test Method for Estimation of Solubility of Water in Hydrocarbon and Aliphatic Ester Lubricants (revision of ANSI/ASTM D4056)

ASTM (ASTM International)

BSR/ASTM D4101-200x, Specification for Polypropylene Injection and Extrusion Materials (revision of ANSI/ASTM D4101-2001a)

ASTM (ASTM International)

BSR/ASTM D4129-200x, Test Method for Total and Organic Carbon in Water by High Temperature Oxidation and by Coulometric Detection (revision of ANSI/ASTM D4129-2001 (R2004))

ASTM (ASTM International)

BSR/ASTM D4170-200x, Test Method for Fretting Wear Protection by Lubricating Greases (revision of ANSI/ASTM D4170-1997 (R2002))

ASTM (ASTM International)

BSR/ASTM D4196-200x, Test Method for Confirming the Sterility of Membrane Filters (revision of ANSI/ASTM D4196-2001)

ASTM (ASTM International)

BSR/ASTM D4201-2001 (R200x), Test Method for Coliphages in Water (reaffirmation of ANSI/ASTM D4201-2001)

ASTM (ASTM International)

BSR/ASTM D4225-200x, Specification for Styrene-Butadiene Sheeting (revision of ANSI/ASTM D4225-1997)

ASTM (ASTM International)

BSR/ASTM D4249-2001 (R200x), Test Method for Enumeration of Candida Albicans in Water (reaffirmation of ANSI/ASTM D4249-2001)

ASTM (ASTM International)

BSR/ASTM D4272-199x, Test Method for Total Energy Impact of Plastic Films by Dart Drop (revision of ANSI/ASTM D4272-96)

ASTM (ASTM International)

BSR/ASTM D4276-200x, Practice for Confined Area Entry (revision of ANSI/ASTM D4276-95)

ASTM (ASTM International)

BSR/ASTM D4312-200x, Test Method for Toluene-Insoluble (TI) Content of Tar and Pitch Short Method (new standard)

ASTM (ASTM International)

BSR/ASTM D4364-200x, Practice for Performing Accelerated Outdoor Weathering of Plastics Using Concentrated Natural Sunlight (revision of ANSI/ASTM D4364-94)

ASTM (ASTM International)

BSR/ASTM D4385-200x, Practice for Classifying Visual Defects in Thermosetting Reinforced Plastic Pultruded Products (revision of ANSI/ASTM D4385-1995)

ASTM (ASTM International)

BSR/ASTM D4398-199x, Test Method for Determining the Chemical Resistance of Fiberglass-Reinforced Thermosetting Resins by One-Side Pane Exposure (new standard)

ASTM (ASTM International)

BSR/ASTM D4424-1990 (R200x), Test Method for Butylene Analysis by Gas Chromatography (reaffirmation of ANSI/ASTM D4424-1990 (R2002))

ASTM (ASTM International)

BSR/ASTM D4458-200x, Test Method for Chloride Ions in Brackish Water, Seawater, and Brines (revision of ANSI/ASTM D4458-2001)

ASTM (ASTM International)

BSR/ASTM D4473-199x, Practice for Measuring the Cure Behavior of Thermosetting Resins Using Dynamic Mechanical Procedures (revision of ANSI/ASTM D4473-1994)

ASTM (ASTM International)

BSR/ASTM D4490-200x, Practice for Measuring the Concentration of Toxic Gases or Vapors Using Detector Tubes (reaffirmation of ANSI/ASTM D4490 -96)

ASTM (ASTM International)

BSR/ASTM D4519-2001 (R200x), Test Method for On-Line Determination of Anions and Carbon Dioxide in High Purity Water by Cation Exchange and Degassed Cation Conductivity (reaffirmation of ANSI/ASTM D4519-2001)

ASTM (ASTM International)

BSR/ASTM D4539-200x, Test Method for Filterability of Diesel Fuels by Low-Temperature Flow Test (LTFT) (revision of ANSI/ASTM D4539-2003)

ASTM (ASTM International)

BSR/ASTM D4582-200x, Practice for Calculation and Adjustment of the Stiff and Davis Stability Index for Reverse Osmosis (revision of ANSI/ASTM D4582-2001)

ASTM (ASTM International)

BSR/ASTM D4591-200x, Test Method for Determining Temperatures and Heats of Transitions of Fluoropolymers by Differential Scanning Calorimetry (revision of ANSI/ASTM D4591)

ASTM (ASTM International)

BSR/ASTM D4674-200x, Test Method for Accelerated Testing for Color Stability of Plastics Exposed to Indoor Fluorescent Lighting and Window-Filtered Daylight (revision of ANSI/ASTM D4674-89 (R1997))

ASTM (ASTM International)

BSR/ASTM D4682-200x, Specification for Miscibility with Gasoline and Fluidity of Two-Stroke-Cycle Gasoline Engine Lubricants (revision of ANSI/ASTM D4682-1996 (R2002))

ASTM (ASTM International)

BSR/ASTM D4683-200x, Test Method for Measuring Viscosity at High Shear Rate and High Temperature by Tapered Bearing Simulator (revision of ANSI/ASTM D4683-2004)

ASTM (ASTM International)

BSR/ASTM D4725-1998, Terminology for Engine Coolants (revision of ANSI/ASTM D4725-98)

ASTM (ASTM International)

BSR/ASTM D4739-199x, Test Method for Base Number Determination by Potentiometric Titration (revision of ANSI/ASTM D4739-1992)

ASTM (ASTM International)

BSR/ASTM D4739-200x, Test Method for Base Number Determination by Potentiometric Titration (revision of ANSI/ASTM D4739-1996)

ASTM (ASTM International)

BSR/ASTM D4778-200x, Test Method for Determination of Corrosion and Fouling Tendency of Cooling Water Under Heat Transfer Conditions (revision of ANSI/ASTM D4778-2001)

ASTM (ASTM International)

BSR/ASTM D4804-200x, Test Method for Determining the Flammability Characteristics of Nonrigid Solid Plastics (revision of ANSI/ASTM D4804 -1998)

ASTM (ASTM International)

BSR/ASTM D4814-200x, Specification for Automotive Spark-Ignition Engine Fuel (revision of ANSI/ASTM D4814-2008)

ASTM (ASTM International)

BSR/ASTM D4825-199x, Test Method for Measurement of Curl in Cut-Sized Office Paper (new standard)

ASTM (ASTM International)

BSR/ASTM D4883-200x, Test Method for Density of Polyethylene by the Ultrasound Technique (revision of ANSI/ASTM D4883-1999)

ASTM (ASTM International)

BSR/ASTM D4953-200x, Test Method for Vapor Pressure of Gasoline and Gasoline-Oxygenate Blends (Dry Method) (revision of ANSI/ASTM D4953 -2006)

ASTM (ASTM International)

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ASTM (ASTM International)

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ASTM (ASTM International)

BSR/ASTM D4998-199x, Test Method for Evaluation of Wear Characteristics of Tractor Hydraulic Fluids (revision of ANSI/ASTM D4998-1989)

ASTM (ASTM International)

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ASTM (ASTM International)

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ASTM (ASTM International)

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ASTM (ASTM International)

BSR/ASTM D5072-2001 (R200x), Test Method for Radon in Drinking Water (reaffirmation of ANSI/ASTM D5072-2001)

ASTM (ASTM International)

BSR/ASTM D5075-200x, Test Method for Nicotine and 3-Ethenylpyridine in Indoor Air (revision of ANSI/ASTM D5075-96)

ASTM (ASTM International)

BSR/ASTM D5086-200x, Test Method for Determination of Calcium, Magnesium, Potassium, and Sodium in Atmospheric West Deposition by Flame Atomic Absorption Spectrophotometry (revision of ANSI/ASTM D5086 -95)

ASTM (ASTM International)

BSR/ASTM D5128-2001 (R200x), Test Method for On-Line Ph Measurement of Water of Low Conductivity (reaffirmation of ANSI/ASTM D5128-2001)

ASTM (ASTM International)

BSR/ASTM D5133-200x, Test Method for Low Temperature, Low Shear Rate, Viscosity/Temperature Dependence of Lubricating Oils Using a Temperature-Scanning Technique (revision of ANSI/ASTM D5133-2001)

ASTM (ASTM International)

BSR/ASTM D5140-199x, Guide for Testing Polyurethane Poured-in-Place Thermal Break Materials (95-1, Item 45) (revision of ANSI/ASTM D5140 -1990)

ASTM (ASTM International)

BSR/ASTM D5185-199x, Test Method for the Determination of Additive Elements, Wear Metals and Contaminants in Used Lubricating Oils by Inductively-Coupled Plasma Atomic Emission Spectrometry (revision of ANSI/ASTM D5185-1993)

ASTM (ASTM International)

BSR/ASTM D5186-200x, Test Method for Determination of the Aromatic Content and Polynuclear Aromatic Content of Diesel Fuels and Aviation Turbine Fuels by Supercritical Fluid Chromatography (revision of ANSI/ASTM D5186-2003)

ASTM (ASTM International)

BSR/ASTM D5188-200x, Test Method for Vapor-Liquid Ratio Temperature Determination of Fuels (Evacuated Chamber Method) (revision of ANSI/ASTM D5188-2004)

ASTM (ASTM International)

BSR/ASTM D5190-200x, Test Method for Vapor Pressure of Petroleum Products (Automatic Method) (revision of ANSI/ASTM D5190-2007)

ASTM (ASTM International)

BSR/ASTM D5191-200x, Test Method for Vapor Pressure of Petroleum Products (Mini Method) (revision of ANSI/ASTM D5191-2007)

ASTM (ASTM International)

BSR/ASTM D5196-200x, Guide for Biomedical Grade Water (new standard)

ASTM (ASTM International)

BSR/ASTM D5207-200x, Practice for Confirmation of 20 and 125 mm Test Flames for Small-Scale Burning Tests on Plastic Materials (revision of ANSI/ASTM D5207-1998)

ASTM (ASTM International)

BSR/ASTM D5214-199x, Test Method for Polyimide Resin Film for Electrical Insulating and Dielectric Application (withdrawal of ANSI/ASTM D5214-93)

ASTM (ASTM International)

BSR/ASTM D5245-2001 (R200x), Practice for Cleaning Laboratory Glassware, Plasticware, and Equipment Used in Microbiological Analyses (reaffirmation of ANSI/ASTM D5245-2001)

ASTM (ASTM International)

BSR/ASTM D5247-1992, Test Method for Determining the Aerobic Biodegradability of Degradable Plastics by Specific Microorganisms (reaffirmation of ANSI/ASTM D5247)

ASTM (ASTM International)

BSR/ASTM D5274-200x, Guide for Analysis of 1,3-Butadiene Product (revision of ANSI/ASTM D5274-1997)

ASTM (ASTM International)

BSR/ASTM D5275-2003 (R200x), Test Method for Fuel Injector Shear Stability Test (FISST) for Polymer Containing Fluids (reaffirmation of ANSI/ASTM D5275-2003)

ASTM (ASTM International)

BSR/ASTM D5280-200x, Practice for Evaluation of Performance Characteristics of Air Quality Measurement Methods with Linear Calibration Functions (reaffirmation of ANSI/ASTM D5280-96)

ASTM (ASTM International)

BSR/ASTM D5281-92 (R1997), Test Method for Collection and Analysis of Hexavalent Chromium in Ambient, Workplace, or Indoor Atmospheres (new standard)

ASTM (ASTM International)

BSR/ASTM D5288-201x, Test Method for Determining the Tracking Index of Electrical Insulating Materials Using Various Electrode Materials Excluding Platinum (revision of ANSI/ASTM D5288-1997 (R2004))

ASTM (ASTM International)

BSR/ASTM D5296-1997, Test Method for Molecular Weight Averages and Molecular Weight Distribution of Polystyrene by High Performance Size-Exclusion Chromatography (reaffirmation of ANSI/ASTM D5296-1997)

ASTM (ASTM International)

BSR/ASTM D5394-199x, Specification for Reclaimed 1, 1, 1 Trichloroethane (new standard)

ASTM (ASTM International)

BSR/ASTM D5395-199x, Specification for Reclaimed Methylene Chloride (new standard)

ASTM (ASTM International)

BSR/ASTM D5411-2001 (R200x), Practice for Calculation of Average Energy per Disintegration for a Mixture of Radionuclides in Reactor Coolant (reaffirmation of ANSI/ASTM D5411-2001)

ASTM (ASTM International)

BSR/ASTM D5436-200x, Specification for Cast Poly Methyl Methacrylate Plastic Rods, Tubes, and Shapes (revision of ANSI/ASTM D5436-1999)

ASTM (ASTM International)

BSR/ASTM D5482-200x, Test Method for Vapor Pressure of Petroleum Products (Mini Method - Atmospheric) (revision of ANSI/ASTM D5482-2007)

ASTM (ASTM International)

BSR/ASTM D5509-199x, Practice for Exposing Plastics to a Simulated Compost Environment (revision of ANSI/ASTM D 5509-94)

ASTM (ASTM International)

BSR/ASTM D5512-199x, Practice for Exposing Plastics to a Simulated Compost Environment Using an Externally Heated Reactor (revision of ANSI/ASTM D 5512-94)

ASTM (ASTM International)

BSR/ASTM D5542-200x, Test Methods for Trace Anions in High Purity Water by Ion Chromatography (revision of ANSI/ASTM D5542-2001)

ASTM (ASTM International)

BSR/ASTM D5543-2001 (R200x), Test Methods for Low-Level Dissolved Oxygen in Water (reaffirmation of ANSI/ASTM D5543-2001)

ASTM (ASTM International)

BSR/ASTM D5544-200x, Test Method for On-Line Measurement of Residue after Evaporation of High-Purity Water (revision of ANSI/ASTM D5544-2001 (R2004))

ASTM (ASTM International)

BSR/ASTM D5662-200x, Test Method for Determining Automotive Gear Oil Compatibility with Typical Oil Seal Elastomers (revision of ANSI/ASTM D5662-2006a)

ASTM (ASTM International)

BSR/ASTM D5663-2003 (R200x), Guide for Validating Recycled Content in Packaging Paper and Paperboard (reaffirmation of ANSI/ASTM D5663 -2003)

ASTM (ASTM International)

BSR/ASTM D5740-199x, Guide for Writing Material Standards in the D 4000 Format (95-1, Item 62) (new standard)

ASTM (ASTM International)

BSR/ASTM D5740-200x, Guide for Writing Material Standards in the D4000 Format (revision of ANSI/ASTM D5740-1997)

ASTM (ASTM International)

BSR/ASTM D5755-1995, Test Method for Microvacuum Sampling and Indirect Analysis of Dust by Transmission Electron Microscopy for Asbestos Structure Number Concentrations (new standard)

ASTM (ASTM International)

BSR/ASTM D5756-1995, Test Method for Microvacuum Sampling and Indirect Analysis of Dust by Transmission Electron Microscopy for Asbestos Mass Concentration (new standard)

ASTM (ASTM International)

BSR/ASTM D5798-200x, Specification for Fuel Ethanol (ed75-ed85) for Automotive Spark-Ignition Engines (revision of ANSI/ASTM D5798-2007)

ASTM (ASTM International)

BSR/ASTM D5835-200x, Practice for Sampling Stationary Source Emissions for the Automated Determination of Gas Concentrations (reaffirmation of ANSI/ASTM D5835-95)

ASTM (ASTM International)

BSR/ASTM D5857-200x, Specification for Polypropylene Injection and Extrusion Materials Using ISO Protocol and Methodology (revision of ANSI/ASTM D5857-02)

ASTM (ASTM International)

BSR/ASTM D5870-200x, Practice for Calculating the Property Retention Index of Plastics (new standard)

ASTM (ASTM International)

BSR/ASTM D5901-2003 (R200x), Test Method for Freezing Point of Aviation Fuels (Automated Optical Method) (reaffirmation of ANSI/ASTM D5901 -2003)

ASTM (ASTM International)

BSR/ASTM D5949-200x, Test Method for Pour Point of Petroleum Products (Automatic Pressure Pulsing Method) (revision of ANSI/ASTM D5949-2001)

ASTM (ASTM International)

BSR/ASTM D5953M-200x, Test Method for Determination of Non-Methane Organic Compounds (NMOC) in Ambient Air Using the Cryogenic Preconcentration and Direct Flame Ionization Detection Method (Metric) (reaffirmation of ANSI/ASTM D5953M-96)

ASTM (ASTM International)

BSR/ASTM D5972-200x, Test Method for Freezing Point of Aviation Fuels - Automatic Phase Transition Method (revision of ANSI/ASTM D5972-2005)

ASTM (ASTM International)

BSR/ASTM D5989-1998, Specification for Extruded and Monomer Cast Shapes Made from Nylon (PA) (reaffirmation of ANSI/ASTM D5989-1998)

ASTM (ASTM International)

BSR/ASTM D5998-200x, Specification for Molded Polyethylene Shipping and Storage Drums (new standard)

ASTM (ASTM International)

BSR/ASTM D6060-2001, Practice for Sampling of Process Vents with a Portable Gas Chromatography (revision of ANSI/ASTM D6060-2001)

ASTM (ASTM International)

BSR/ASTM D6062M-200x, Guide for Personal Samplers of Health-Related Aerosol Fractions (Metric) (reaffirmation of ANSI/ASTM D6062M-01)

ASTM (ASTM International)

BSR/ASTM D6100-1997, Specification for Extruded, Compression Molded and Injection Molded Acetal Shapes (POM) (reaffirmation of ANSI/ASTM D6100-1997)

ASTM (ASTM International)

BSR/ASTM D6156-2001 (R200x), Practice for Use of Reversed-Phase High Performance Liquid Chromatographic Systems (reaffirmation of ANSI/ASTM D6156-2001)

ASTM (ASTM International)

BSR/ASTM D6161-200x, Terminology Used for Crossflow Microfiltration, Ultrafiltration, Nanofiltration and Reverse Osmosis Membrane Processes (new standard)

ASTM (ASTM International)

BSR/ASTM D6202-200x, Test Method for Automotive Engine Oils on the Fuel Economy of Passenger Cars and Light-Duty Trucks in the Sequence via Spark Ignition Engine (revision of ANSI/ASTM D6202-00)

ASTM (ASTM International)

BSR/ASTM D6209-1998, Test Method for Determination of Gaseous and Particulate Polycyclic Aromatic Hydrocarbons in Ambient Air (Collection on Sorbent Backed Filters with Gas Chromatographic/Mass Spectrometric Analysis) (revision of ANSI/ASTM D6209-97)

ASTM (ASTM International)

BSR/ASTM D6258-200x, Test Method for Determination of Solvent Red 164 Dye Concentration in Diesel Fuels (revision of ANSI/ASTM D6258-2004)

ASTM (ASTM International)

BSR/ASTM D6281-1998, Test Method for Airborne Asbestos Concentration in Ambient and Indoor Atmospheres as Determined by Transmission Electron Microscopy Direct Transfer (TEM) (new standard)

ASTM (ASTM International)

BSR/ASTM D6291-199x, Specification for Cellulose Acetate Butyrate Molding and Extrusion Compounds (new standard)

ASTM (ASTM International)

BSR/ASTM D6292-199x, Specification for Cellulose Acetate Molding and Extrusion Compounds (new standard)

ASTM (ASTM International)

BSR/ASTM D6310-199x, Specification for Cellulose Acetate Propionate Molding and Extrusion Compounds (new standard)

ASTM (ASTM International)

BSR/ASTM D6310-199x, Specification for Cellulose Acetate Propionate Molding and Extrusion Compounds (new standard)

ASTM (ASTM International)

BSR/ASTM D6378-200x, Test Method for Determination of Vapor Pressure (VPX) of Petroleum Products, Hydrocarbons, and Hydrocarbon-Oxygenate Mixtures (Triple Expansion Method) (revision of ANSI/ASTM D6378-2007)

ASTM (ASTM International)

BSR/ASTM D6422-1999 (R200x), Test Method for Water Tolerance Phase Separation of Gasoline-Alcohol Blends (reaffirmation of ANSI/ASTM D6422 -1999)

ASTM (ASTM International)

BSR/ASTM D6424-200x, Practice for Octane Rating Naturally Aspirated Spark Ignition Aircraft Engines (revision of ANSI/ASTM D6424-2004a)

ASTM (ASTM International)

BSR/ASTM D6448-200x, Specification for Industrial Burner Fuels from Used Lubricating Oils (revision of ANSI/ASTM D6448-2004)

ASTM (ASTM International)

BSR/ASTM D6471-200x, Specification for Recycled Prediluted Aqueous Glycol Base Engine Coolant 50 Volume Minimum for Automobile and Light-Duty Service (revision of ANSI/ASTM D6471-99)

ASTM (ASTM International)

BSR/ASTM D6472-200x, Specification for Recycled Glycol Base Engine Coolant Concentrate for Automobile and Light-Duty Service (revision of ANSI/ASTM D6472-00)

ASTM (ASTM International)

BSR/ASTM D6504-2000, Practice for On-Line Determination of Cation Conductivity in High Purity Water (new standard)

ASTM (ASTM International)

BSR/ASTM D6508-2001 (R200x), Test Method for Determination of Dissolved Inorganic Anions in Aqueous Matrices Using Capillary Ion Electrophoresis and Chromate Electrolyte (reaffirmation of ANSI/ASTM D6508-2001)

ASTM (ASTM International)

BSR/ASTM D6581-2001 (R200x), Test Method for Bromate, Bromide, Chlorate, and Chlorite in Drinking Water by Chemically Suppressed Ion Chromatography (reaffirmation of ANSI/ASTM D6581-2001)

ASTM (ASTM International)

BSR/ASTM D6592-200x, Test Method for Thermal Stability of Organic Heat Transfer Fluids (new standard)

ASTM (ASTM International)

BSR/ASTM D6649-200x, Test Method for Metal Removal Fluid Aerosol in Workplace Atmospheres (new standard)

ASTM (ASTM International)

BSR/ASTM D6670-200x, Practice for Full-Scale Chamber Determination of Volatile Organic Emissions from Indoor Materials/Products (new standard)

ASTM (ASTM International)

BSR/ASTM D6696-200x, Guide for Understanding Cyanide Species (new standard)

ASTM (ASTM International)

BSR/ASTM D6756-200x, Test Method for Determination of the Red Dye Concentration and Estimation of the ASTM Color of Diesel Fuel and Heating Oil Using a Portable Visible Spectrophotometer (revision of ANSI/ASTM D6756-2002)

ASTM (ASTM International)

BSR/ASTM D6893-200x, Test Method for Oxidation Characteristics without Added Water for Lubricants Containing Ester Base Stocks (1) (new standard)

ASTM (ASTM International)

BSR/ASTM D6908-200x, Practice for Integrity Testing of Water Filtration Membrane Systems (revision of ANSI/ASTM D6908-2003)

ASTM (ASTM International)

BSR/ASTM D6920-200x, Test Method for Total Sulfur in Naphthas, Distillates, Reformulated Gasolines, Diesels, Biodiesels, and Motor Fuels by Oxidative Combustion and Electrochemical Detection (revision of ANSI/ASTM D6920-2007)

ASTM (ASTM International)

BSR/ASTM D6921-200x, Test Method for Free Water, Particulates and Other Contamination in Aviation Fuels (Visual Inspection Procedures) (new standard)

ASTM (ASTM International)

BSR/ASTM D6983-200x, Test Method for Density, Relative Density or API Gravity of Liquid Petroleum by Portable Digital Density Meter (new standard)

ASTM (ASTM International)

BSR/ASTM D6993-200x, Practice for 99% / 95% Within-laboratory Detection Estimate (WDE) for Analytical Methods with Negligible Calibration Error (new standard)

ASTM (ASTM International)

BSR/ASTM D7039-200x, Test Method for Sulfur in Gasoline and Diesel Fuel by Monochromatic Wavelength Dispersive X-ray Fluorescence Spectrometry (revision of ANSI/ASTM D7039-2007)

ASTM (ASTM International)

BSR/ASTM D7043-200x, Test Method for Indicating Wear Characteristics of Non-Petroleum and Petroleum Hydraulic Fluids in a Constant Volume Vane Pump (revision of ANSI/ASTM D7043-2004a)

ASTM (ASTM International)

BSR/ASTM D7065-200x, Standard Test Method for Determination of Nonylphenol and Nonylphenol Ethoxylates in Environmental Waters (new standard)

ASTM (ASTM International)

BSR/ASTM D7152-200x, Practice for Calculating the Viscosity of a Blend of Petroleum Products (new standard)

ASTM (ASTM International)

BSR/ASTM D7153-200x, Test Method for Freezing Point of Aviation Fuels (Automatic Laser Method) (new standard)

ASTM (ASTM International)

BSR/ASTM D7154-200x, Test Method for Freezing Point of Aviation Fuels (Automatic Fiber Optical Method) (new standard)

ASTM (ASTM International)

BSR/ASTM D7157-200x, Draft New Standard Test Method for the Determination of the Intrinsic Stability of Asphaltene Containing Residues, Heavy Fuel Oils and Crude Oils (n-heptane Phase Separation; Optical Detection) (new standard)

ASTM (ASTM International)

BSR/ASTM D7169-200x, Test Method for Boiling Point Distribution of Samples with Residues Such as Crude Oils and Atmospheric and Vacuum Residues by High Temperature Gas Chromatography (new standard)

ASTM (ASTM International)

BSR/ASTM D7214-200x, Test Method for Determination of the Oxidation of Used Lubricants by Ft-Ir Using Peak Area Increase Calculation (new standard)

ASTM (ASTM International)

BSR/ASTM D7218-200x, Test Method for Determination of Sulfur and Trace Metals in Pitch by Wavelength Dispersive X-Ray Fluorescence Spectroscopy (new standard)

ASTM (ASTM International)

BSR/ASTM D7221-200x, Test Method for the Determination of the Ignition Temperature of Calcined Petroleum Coke (new standard)

ASTM (ASTM International)

BSR/ASTM D7222-200x, Test Method for the Determination of the Carboxy Reactivity of Calcined Petroleum Coke by a Weight Loss Method (new standard)

ASTM (ASTM International)

BSR/ASTM D7302-200x, Test Method for Oxidation Characteristics of Environmentally Friendly Lubrication Oils (HETG and HEES) without the Inclusion of a Water Catalyst (Dry TOST Method) (new standard)

ASTM (ASTM International)

BSR/ASTM D7319-200x, Test Method for Determination of Total and Potential Sulfate and Inorganic Chloride in Fuel Ethanol by Direct Injection Suppressed Ion Chromatography (revision of ANSI/ASTM D7319-2007)

ASTM (ASTM International)

BSR/ASTM D7413-200x, Test Method for Condition Monitoring of Nitration in In-Service Petroleum and Hydrocarbon Based Lubricants by Trend Analysis Using Fourier Transform Infrared (ft-ir) Spectrometry (new standard)

ASTM (ASTM International)

BSR/ASTM D7414-200x, Test Method for Condition Monitoring of Oxidation in In-Service Petroleum and Hydrocarbon Based Lubricants by Trend Analysis Using Fourier Transform Infrared (ft-ir) Spectrometry (new standard)

ASTM (ASTM International)

BSR/ASTM D7415-200x, Test Method for Condition Monitoring of Sulfate By-Products in In-Service Petroleum and Hydrocarbon Based Lubricants by Trend Analysis Using Fourier Transform Infrared (ft-ir) Spectrometry (new standard)

ASTM (ASTM International)

BSR/ASTM D7417-200x, Test Method for Analysis of In-Service Lubricants Using a Particular Four-Part Integrated Tester: (Optical Emission Spectroscopy, Infrared Spectroscopy, Viscosity, and Laser Particle Counting) (new standard)

ASTM (ASTM International)

BSR/ASTM D7420-200x, Test Method for Test Method for Determining Tribomechanical Properties of Grease Lubricated Plastic Socket Suspension Joints Using a High-Frequency, Linear-Oscillation (SRV) Test Machine (new standard)

ASTM (ASTM International)

BSR/ASTM D7422-200x, Test Method for Test Method for Evaluation of Diesel Engine Oils in the T-12 Exhaust Gas Recirculation Diesel Engine (new standard)

ASTM (ASTM International)

BSR/ASTM D7423-200x, Test Method for Test Method for Standard Test Method for Determination of Oxygenates in Ethene, Propene, C4, and C5 Hydrocarbon Matrices by Gas Chromatography and Flame Ionization Detection (new standard)

ASTM (ASTM International)

BSR/ASTM D9412-200x, Test Method for Condition Monitoring of Phosphate Anitwear Additives in In-Service Petroleum and Hydrocarbon Based Lubricants by Trend Anaylsis Using Fourier Transform Infrared (ft-ir) Spectrometry (new standard)

ASTM (ASTM International)

BSR/ASTM E5-199x, Test Method for Fire Testing of Real Scale Stacked Chairs (new standard)

ASTM (ASTM International)

BSR/ASTM E6-200x, Terminology Relating to Methods of Mechanical Testing (revision of ANSI/ASTM E6-99)

ASTM (ASTM International)

BSR/ASTM E90-200x, Test Method for Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions and Elements (revision of ANSI/ASTM E90-1999)

ASTM (ASTM International)

BSR/ASTM E94-200x, Guide for Radiographic Examination (revision of ANSI/ASTM E94-00)

ASTM (ASTM International)

BSR/ASTM E103-1984 (R200x), Method for Rapid Indentation Hardness Testing of Metallic Materials (reaffirmation of ANSI/ASTM E103-1984 (R1996))

ASTM (ASTM International)

BSR/ASTM E190-92(1997), Test Method for Guided Bend Test for Ductility of Welds (new standard)

ASTM (ASTM International)

BSR/ASTM E262-200x, Test Method for Determining Thermal Neutron Reaction and Fluence Rates by Radioactivation Techniques (revision of ANSI/ASTM E262-1997)

ASTM (ASTM International)

BSR/ASTM E376-200x, Practice for Measuring Coating Thickness by Magnetic-field or Eddy-Current (Electromagnetic) Test Methods (revision of ANSI/ASTM E376-1996)

ASTM (ASTM International)

BSR/ASTM E431-1996, Guide to Interpretation of Radiographs of Semiconductors and Related Devices (reaffirmation of ANSI/ASTM E431-96)

ASTM (ASTM International)

BSR/ASTM E477-1999, Test Method for Measuring Acoustical and Airflow Performance of Duct Liner Materials and Prefabricated Silencers (revision of ANSI/ASTM E477-99)

ASTM (ASTM International)

BSR/ASTM E481-200x, Test Method for Measuring Neutron Fluence Rates by Radioactivation of Cobalt and Silver (revision of ANSI/ASTM E481-1997)

ASTM (ASTM International)

BSR/ASTM E489-1997 (R200x), Test Method for Tensile Strength Properties of Metal Connector Plates (reaffirmation of ANSI/ASTM E489 -1997)

ASTM (ASTM International)

BSR/ASTM E492-200x, Test Method for Laboratory Measurement of Impact Sound Transmission Through Floor-Ceiling Assemblies Using the Tapping Machine (revision of ANSI/ASTM E492-90(R1996))

ASTM (ASTM International)

BSR/ASTM E509-200x, Guide for In-Service Annealing of Light-Water Cooled Nuclear Reactor Vessels (revision of ANSI/ASTM E509-1997)

ASTM (ASTM International)

BSR/ASTM E545-200x, Test Method for Determining Image Quality in Direct Thermal Newtron Radiographic Examination (revision of ANSI/ASTM E545 -99)

ASTM (ASTM International)

BSR/ASTM E584-199x, Guide for Developing the (ASTM) Voluntary Consensus Standards Required to Help Implement the National Energy Plan (new standard)

ASTM (ASTM International)

BSR/ASTM E597-200x, Practice for Determining a Single-Number Rating of Airborne Sound Isolation for Use in Multiunit Building Specifications (Reinstatement of E597-95) (new standard)

ASTM (ASTM International)

BSR/ASTM E621-1994 (R200x), Practice for Use of Metric SI Units in Building Design and Construction Committee E-6 Supplement to E380 (reaffirmation of ANSI/ASTM E621-1994 (R1999))

ASTM (ASTM International)

BSR/ASTM E631-93A (R1998), Terminology of Building Constructions (revision of ANSI/ASTM E631-93A (R1998))

ASTM (ASTM International)

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ASTM (ASTM International)

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ASTM (ASTM International)

BSR/ASTM E783-200x, Test Method for Field Measurement of Air Leakage through Installed Exterior Windows and Doors (revision of ANSI/ASTM E783 -93)

ASTM (ASTM International)

BSR/ASTM E783-93-199x, Test Method for Field Measurement of Air Leakage through Installed Exterior Windows and Doors (revision of ANSI/ASTM E783-93)

ASTM (ASTM International)

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ASTM (ASTM International)

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ASTM (ASTM International)

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ASTM (ASTM International)

BSR/ASTM E854-200x, Test Method for Application and Analysis of Solid State Track Recorder Sstr Monitors for Reactor Surveillance, E706 IIIB (revision of ANSI/ASTM E854-1998)

ASTM (ASTM International)

BSR/ASTM E907-200x, Test Method for Field Testing Uplift Resistance of Adhered Membrane Roofing Systems (revision of ANSI/ASTM E907-1996)

ASTM (ASTM International)

BSR/ASTM E936-1998 (R200x), Practice for Roof System Assemblies Employing Steel Deck, Preformed Roof Insulation, and Bituminous Built-Up Roofing (reaffirmation of ANSI/ASTM E936-1998)

ASTM (ASTM International)

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ASTM (ASTM International)

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ASTM (ASTM International)

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ASTM (ASTM International)

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BSR/ASTM WK41275-201x, New Practice for Determination of Arch Stiffness Constant (ASC) and Flattening of Corrugated Wall Stormwater Collection Chambers (new standard)

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BSR/ASTM WK41415-201x, New Practice for Standard Practice for Ignition Sources Applicable to Electrical and Electronic Insulation Materials (new standard)

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BSR/ASTM WK42443-201x, New Practice for Installation of Corrugated HDPE and PP Pipe in Agricultural Applications (new standard)

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BSR/ASTM WK42638-201x, New Specification for 4 to 60 inch [100 to 1500 mm] Annular Corrugated Profile Wall Polyethylene (PE) Pipe Containing Recycled PE for Gravity Flow Storm Sewer and Subsurface Drainage Applications (new standard)

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BSR/ASTM WK43311-201x, New Specification for 4 to 60 inch [100 to 1500 mm] Annular Corrugated Profile Wall Polyethylene (PE) Pipe Containing Recycled PE for Gravity Flow Storm Sewer and Subsurface Drainage Applications (new standard)

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BSR/ASTM WK44033-201x, New Specification for Fluid Composite Transfer Pipe and Fittings (new standard)

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BSR/ASTM Z8856Z-200x, Classification for Serviceability of an Office Facility for Temperature and Indoor Air (new standard)

ASTM (ASTM International)

BSR/ASTM Z8865Z-200x, Practice for the Use of ASTM E96 for Determining the Water Vapor Transmission (WVT) of Exterior Insulation and Finish Systems ("EIFS") (new standard)

ASTM (ASTM International)

BSR/ASTM Z8903Z-200x, Practice on Statistical Assessment and Improvement of the Expected Agreement between Two Test Methods that Purport to Measure the Same Property of Material (new standard)

ASTM (ASTM International)

BSR/ASTM Z8949Z-200x, Test Methods for Water Vapor Diffusion Resistance and Air Flow Diffusion Resistance of Clothing Materials Using the Dynamic Moisture Permeation Cell (new standard)

ASTM (ASTM International)

BSR/ASTM Z9036Z-200x, Specification for the Performance of Paintball Barrier Netting (new standard)

ASTM (ASTM International)

BSR/ASTM Z9039Z-200x, Performance Specification Paintball Marker Barrel Blocking Devices (new standard)

ASTM (ASTM International)

BSR/ASTM Z9130Z-200x, Test Method for Solvent Recoverable Oil and Grease and Nonpolar Material by Infrared Determination (new standard)

ASTM (ASTM International)

BSR/ASTM Z9150Z-200x, Test Method for Strength Tests of Panels for Building Construction - Floors and Roofs (new standard)

ASTM (ASTM International)

BSR/ASTM Z9209Z-200x, Practice for Quality Control Procedures for LPG Test Methods (new standard)

ASTM (ASTM International)

BSR/ASTM Z9351Z-200x, Test Method for Density, Relative Density and API Gravity of Crude Petroleum and Liquid Petroleum Products by Thermohydrometer Method (new standard)

ASTM (ASTM International)

BSR/ASTM Z9559Z-200x, Standard Test Methods to Determine the Biobased Content of Natural Range Materials Using Radiocarbon and Isotope Ratio Mass Spectrometry Analysis (new standard)

ASTM (ASTM International)

BSR/ASTM Z9573Z-200x, Guide for Roller Hockey Playing Facilities (new standard)

ASTM (ASTM International)

BSR/ASTM Z9627Z-200x, Test Method for Assessing the Stability in High Humidity and Cyclic Temperature Environments of an Absorptive Electrochromic Coating on Sealed Insulating Glass Units (new standard)

ASTM (ASTM International)

BSR/ASTM Z9754Z-200x, Specification for Perfluoroalkoxy (PFA) - Fluorocarbon Tubing (new standard)

ASTM (ASTM International)

BSR/ASTM Z9779Z-200x, Specification for Biodegradable Plastics Used as Coatings on Paper and Other Compostable Substrates (new standard)

ASTM (ASTM International)

BSR/ASTM Z9836Z-200x, Test Method for Determining the Heat Release Rate of Interior Finish Products Using the Cone Calorimeter (new standard)

ASTM (ASTM International)

BSR/ASTM Z9973Z-200x, Test Method for Moisture in Plastics Using the Reaction of Iodine with Water (new standard)

ASTM (ASTM International)

BSR/ASTM Z6163-199x, Specification for Mineral Hydraulic Oils (new standard)

30 Day Notice of Withdrawal: ANS 5 to 10 years past approval date

In accordance with clause 4.7.1 Periodic Maintenance of American National Standards of the ANSI Essential Requirements, the following American National Standards have not been reaffirmed or revised within the five-year period following approval as an ANS. Thus, they shall be withdrawn at the close of this 30-day public review notice in Standards Action.

MHI (ASC MHC) (Material Handling Industry)

ANSI MH10.8.1-2005, Linear Bar Code and Two-Dimensional Symbols Used in Shipping, Receiving, and Transport Applications

MHI (ASC MHC) (Material Handling Industry)

ANSI MH10.8.7-2005, Material Handling - Labeling and Direct Product Marking with Linear Bar Code and Two-Dimensional Symbols

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.

ASSE (ASC A10) (American Society of Safety Engineers)

Office: 520 N. Northwest Highway
Park Ridge, IL 60068
Contact: *Tim Fisher*
Phone: (847) 768-3411
Fax: (847) 296-9221
E-mail: TFisher@ASSE.org

BSR/ASSE A10.16-201X, Safety Requirements for Tunnels, Shafts, and Caissons Standard for Construction and Demolition Operations (revision of ANSI/ASSE A10.16-2009)

Obtain an electronic copy from: Tim Fisher

ASSE (ASC Z15) (American Society of Safety Engineers)

Office: 520 N. Northwest Highway
Park Ridge, IL 60068
Contact: *Ovidiu Munteanu*
Phone: (847) 232-2012
Fax: (847) 699-2929
E-mail: OMunteanu@ASSE.org

BSR ASSE Z15.3-201X, Safe Practices for Motor Vehicle Operations of Autonomous Vehicles on Public Thoroughfares (new standard)

ASSE (ASC Z9) (American Society of Safety Engineers)

Office: 520 N. Northwest Highway
Park Ridge, IL 60068
Contact: *Ovidiu Munteanu*
Phone: (847) 232-2012
E-mail: OMunteanu@ASSE.org

BSR/ASSE Z9.1-201X, Ventilation and Control of Airborne Contaminants During Open-Surface Tank Operations (revision of ANSI AIHA Z9.1-2006)

Obtain an electronic copy from: Ovidiu Munteanu

IAPMO (ASSE Chapter) (ASSE International Chapter of IAPMO)

Office: 18927 Hickory Creek Dr Suite 220
Mokena, IL 60448
Contact: *Conrad Jahrling*
Phone: (708) 995-3017
Fax: (708) 479-6139
E-mail: conrad.jahrling@asse-plumbing.org

BSR/ASSE 1087-201x, Performance Requirements for Commercial, and Food Service Water Treatment (new standard)

ISEA (ASC Z87) (International Safety Equipment Association)

Office: 1901 North Moore Street
Suite 808
Arlington, VA 22209
Contact: *Cristine Fargo*
Phone: (703) 525-1695
Fax: (703) 525-1698
E-mail: cfargo@safetyequipment.org

BSR ISEA Z87.1-201x, Occupational and Educational Personal Eye and Face Protection Devices (revision of ANSI ISEA Z87.1-2015)

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 C136.28-2006 (S201x), Standard for Roadway and Area Lighting Equipment - Glass Lenses Used in Luminaires (stabilized maintenance of ANSI C136.28-2006 (R2011))

NSF (NSF International)

Office: 789 N. Dixboro Road
Ann Arbor, MI 48105-9723
Contact: *Lauren Panoff*
Phone: (734) 769-5197
E-mail: lpanoff@nsf.org

BSR/NSF 14-201x (i72r1), Plastics piping system components and related materials (revision of ANSI/NSF 14-2015)

BSR/NSF 14-201x (i72r1), Plastics piping system components and related materials (revision of ANSI/NSF 14-2015)

BSR/NSF 50-201x (i113r1), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2015)

BSR/NSF 350-201x (i10r1), Onsite residential and commercial water reuse treatment systems (revision of ANSI/NSF 350-2014)

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/document.php?document_id=32700&wg_abbrev=wwt_jc

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Peachtree Corners, GA 30092

Contact: *Laurence Womack*

Phone: (770) 209-7276

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 464 om-201x, Water vapor transmission rate of paper and paperboard at high temperature and humidity (revision of ANSI/TAPPI T 464 om-2012)

BSR/TAPPI T 1215 sp-201x, The determination of instrumental color differences (revision of ANSI/TAPPI T 1215 sp-2012)

BSR/TAPPI T 1216 sp-201x, Indices for whiteness, yellowness, brightness, and luminous reflectance factor (revision of ANSI/TAPPI T 1216 sp-2012)

BSR/TAPPI T 1219 sp-201x, Storage of paper samples for optical measurements and color matching (revision of ANSI/TAPPI T 1219 sp -2012)

UL (Underwriters Laboratories, Inc.)

Office: 47173 Benicia Street
Fremont, CA 94538

Contact: *Derrick Martin*

Phone: (510) 319-4271

E-mail: Derrick.L.Martin@ul.com

BSR/UL 796-201x, Standard for Safety for Printed-Wiring Boards (revision of ANSI/UL 796-2016)

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

Call for Members (ANS Consensus Bodies)

Call for Membership

Green Building Initiative

Water Efficiency Subcommittee

The Green Building Initiative is putting out a Call for Membership for its Water Efficiency Subcommittee. Interested parties should contact Emily Randolph at emily@thegbi.org.

Call for Members (ANS Consensus Bodies)

Call for Committee Members

ASC O1

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.

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

ANSI/AAMI ST81-2004 (R2016), Sterilization of medical devices - Information to be provided by the manufacturer for the processing of resterilizable medical devices (reaffirmation of ANSI/AAMI ST81 -2004 (R2010)): 5/23/2016

ANS (American Nuclear Society)

Reaffirmation

ANSI/ANS 56.8-2002 (R2016), Containment System Leakage Test Requirements (reaffirmation of ANSI/ANS 56.8-2002 (R2011)): 5/26/2016

ASTM (ASTM International)

Revision

ANSI/ASTM F2238-2016, Test Method for Performance of Rapid Cook Ovens (revision of ANSI/ASTM F2238-2009): 3/15/2016

ATIS (Alliance for Telecommunications Industry Solutions)

New Standard

ANSI/ATIS 0600015.12-2016, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting Power Systems - Uninterruptible Power Supply Requirements (new standard): 5/27/2016

Revision

ANSI/ATIS 0600028-2016, DC Power Wire and Cable for Telecommunications Power Systems - for XHHW and DLO/Halogenated RHW-RHH Cable Types (revision of ANSI/ATIS 0600028-2011): 5/27/2016

CSA (CSA Group)

Reaffirmation

* ANSI Z21.94-2005 (R2016) ANSI Z21.94a-2007 (R2016), Standard for Automatic Flammable Vapor Sensor Systems and Components (same as CSA 6.31-2006) (reaffirmation of ANSI Z21.94-2005 (R2012) ANSI Z21.94a-2007 (R2012)): 5/23/2016

FCI (Fluid Controls Institute)

Revision

ANSI/FCI 70-3-2016, Regulator Seat Leakage (revision of ANSI/FCI 70-3-2015): 5/27/2016

HL7 (Health Level Seven)

New Standard

ANSI/HL7 V3 CS CMET, R1-2016, HL7 Version 3 Standard: Clinical Statement CMETs, Release 1 (new standard): 5/26/2016

IKECA (International Kitchen Exhaust Cleaning Association)

Revision

ANSI/IKECA C10-2016, Standard for the Methodology for Cleaning Commercial Kitchen Exhaust Systems (revision and redesignation of ANSI C10-2011): 5/23/2016

InfoComm (InfoComm International)

New Standard

ANSI/INFOCOMM V202.01:2016, Display Image Size for 2D Content in Audiovisual Systems (new standard): 5/23/2016

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

New Standard

INCITS 507-2016, Information technology - PCIe® architecture Queuing Interface - 2(PQI-2) (new standard): 5/27/2016

INCITS 533-2016, Information technology - Fibre Channel - Physical Interfaces - 6P 128GFC Four Lane Parallel (FC-PI-6P) (new standard): 5/27/2016

NEMA (ASC C8) (National Electrical Manufacturers Association)

New Standard

ANSI/ICEA T-22-294-2016, Test Procedures for Extended Time-Testing of Wire and Cable Insulations for Service in Wet Locations (new standard): 3/14/2016

NSF (NSF International)

Revision

* ANSI/NSF 14-2016 (i74r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2015): 5/24/2016

* ANSI/NSF 14-2016 (i75r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2015): 5/24/2016

* ANSI/NSF 58-2016 (i72r2), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2015): 5/23/2016

SPRI (Single Ply Roofing Institute)

Revision

ANSI/SPRI GT-1-2016, Test Standard for Gutter Systems (revision and redesignation of ANSI/SPRI GD-1-2010): 5/26/2016

UAMA (ASC B74) (Unified Abrasives Manufacturers' Association)

Revision

ANSI B74.18-2016, Specifications for Grading of Certain Abrasive Grain on Coated Abrasive Material (revision of ANSI B74.18-2014): 5/23/2016

ANSI B74.19-2016, Test for Determining the Magnetic Content of Abrasive Grains (revision of ANSI B74.19-2002 (R2007)): 5/23/2016

UL (Underwriters Laboratories, Inc.)

New Standard

ANSI/UL 104-2016, Standard for Safety for Elevator Door Locking Devices and Contacts (new standard): 5/20/2016

ANSI/UL 810B-2016, Standard for DC Power Capacitors (new standard): 5/25/2016

ANSI/UL 6141-2016, Standard for Safety for Wind Turbines Permitting Entry of Personnel (new standard): 5/20/2016

Reaffirmation

ANSI/UL 61215-2012 (R2016), Standard for Crystalline Silicon Terrestrial Photovoltaic (PV) Modules - Design Qualification and Type Approval (reaffirmation of ANSI/UL 61215-2012): 5/26/2016

ANSI/UL 61646-2012 (R2016), Standard for Thin-Film Terrestrial Photovoltaic (PV) Modules - Design Qualification and Type Approval (reaffirmation of ANSI/UL 61646-2012): 5/26/2016

ANSI/UL 62108-2012 (R2016), Standard for Concentrator Photovoltaic (CPV) Modules and Assemblies - Design Qualification and Type Approval (reaffirmation of ANSI/UL 62108-2012): 5/26/2016

Revision

ANSI/UL 5-2016, Standard for Safety for Surface Metal Raceways and Fittings (revision of ANSI/UL 5-2011): 5/24/2016

ANSI/UL 583-2016, Standard for Safety for Electric-Battery-Powered Industrial Trucks (revision of ANSI/UL 583-2015): 5/25/2016

ANSI/UL 746E-2016, Standard for Safety for Polymeric Materials - Industrial Laminates, Filament Wound Tubing, Vulcanized Fibre, and Materials Used In Printed-Wiring Boards (revision of ANSI/UL 746E-2013b): 5/26/2016

ANSI/UL 746E-2016a, Standard for Safety for Polymeric Materials - Industrial Laminates, Filament Wound Tubing, Vulcanized Fibre, and Materials Used In Printed-Wiring Boards (revision of ANSI/UL 746E-2013c): 5/26/2016

ANSI/UL 884-2016, Standard for Safety for Underfloor Raceways and Fittings (revision of ANSI/UL 884-2007 (R2011)): 5/20/2016

ANSI/UL 1004-7-2016, Standard for Safety for Electronically Protected Motors (Proposal dated 3-11-16) (revision of ANSI/UL 1004-7 -2015): 5/23/2016

Project Initiation Notification System (PINS)

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

Following is a list of proposed actions and new ANS that have been received recently from ASDs. Please also review the section in Standards Action entitled "American National Standards Maintained Under Continuous Maintenance" for additional or comparable information with regard to standards maintained under the continuous maintenance option. To view information about additional standards for which a PINS has been submitted and to search approved ANS, please visit www.NSSN.org, which is a database of standards information. Note that this database is not exhaustive.

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

ASC X9 (Accredited Standards Committee X9, Incorporated)

Office: 275 West Street
Suite 107
Annapolis, MD 21401

Contact: *Ambria Frazier*

E-mail: Ambria.frazier@x9.org

BSR X9.100-187-201x, Specifications for Electronic Exchange of Check and Image Data - Domestic (revision of ANSI X9.100-187 -2013)

Stakeholders: Banks.

Project Need: Required review (ANSI policy).

The purpose of this standard is to provide the financial industry with a format necessary to perform electronic check exchange (ECE), with or without images. The format supports forward presentment, posting, return notification, and return requests, as well as existing customer information reporting products. The standard also supports multiple check clearing alternatives, e.g., bank-to-bank or bank-to-switch.

ASCE (American Society of Civil Engineers)

Office: 1801 Alexander Bell Dr
Reston, VA 20191

Contact: *James Neckel*

E-mail: jneckel@asce.org

BSR/ASCE/EWRI xxyy-201x, Management Practices for Control of Erosion and Sediment from Construction Activities (new standard)

Stakeholders: These affected industries include land development and construction, engineering, and environmental services; regulatory including plan reviewers, field inspectors, and administrative personnel.

Project Need: The guidelines are organized into nine chapters that address the following topics: Importance of clean water (background), Regulations and permitting, Erosion and sediment processes and site-planning concepts, Erosion and sediment control practices and standards, Erosion and sediment control plan, Erosion and sediment control guidance for specific development types, Construction inspection and maintenance, and Enforcement.

This standard covers the successful implementation of an erosion and sediment control program is a multifaceted undertaking that includes a mix of administrative, legal, and technical issues. This document provides guidelines for personnel involved in the implementation of erosion and sediment control programs.

ASSE (ASC Z15) (American Society of Safety Engineers)

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

Contact: *Ovidiu Munteanu*

Fax: (847) 699-2929

E-mail: OMunteanu@ASSE.org

BSR ASSE Z15.3-201X, Safe Practices for Motor Vehicle Operations of Autonomous Vehicles on Public Thoroughfares (new standard)

Stakeholders: Occupational safety and health professionals or those stakeholders working, managing or addressing vehicle fleets and operational management of autonomous vehicles on public thoroughfares.

Project Need: Based upon the consensus of the Z15 ASC, occupational safety and health professionals, and the ASSE leadership.

This ANSI/ASSE standard provides organizations with a document for the definition and development of policies, procedures, and management processes to assist in the control of risks and exposures associated with the operation of autonomous vehicles on public thoroughfares.

ASTM (ASTM International)

Office: 100 Barr Harbor Drive
West Conshohocken, PA 19428-2959

Contact: *Corice Leonard*

Fax: (610) 834-3683

E-mail: accreditation@astm.org

BSR/ASTM WK54597-201x, New Specification for Certification Test Fuels for Aviation Compression Ignition Engines (new standard)

Stakeholders: Spark and Compression Ignition Aviation Engine Fuels industry.

Project Need: This specification covers the use of purchasing agencies in formulating specifications for purchases of aviation distillate fuel under contract.

http://www.astm.org/DATABASE.CART/WORKITEMS/WK54597.htm

BSR/ASTM WK54654-201x, New Test Method for Screening Identification of a Burnable Substance in a Heated Atmospheric Tank (new standard)

Stakeholders: Health and Safety Standards for Metal Working Fluids industry.

Project Need: This test method determines if a concentration derived from an unignitable liquid, could later burn during, or after, forced evaporation by heat. The method can be applied to liquid or sludge.

http://www.astm.org/DATABASE.CART/WORKITEMS/WK54654.htm

BSR/ASTM WK54660-201x, New Guide for Reliability (new standard)

Stakeholders: Sampling/Statistics industry.

Project Need: Specify methods for use in reliability calculations.

http://www.astm.org/DATABASE.CART/WORKITEMS/WK54660.htm

AWS (American Welding Society)

Office: 8669 NW 36th Street
#130
Miami, FL 33166

Contact: *John Douglass*

E-mail: jdouglass@aws.org

BSR/AWS A5.35/A5.35M-AMD1-201x, Specification for Covered Electrodes for Underwater Wet Shielded Metal Arc Welding (addenda to ANSI/AWS A5.35/A5.35M-2015)

Stakeholders: Underwater Welding and Construction industry.

Project Need: To amend Figure 1 and Clause 14 to align with language in the scope.

This specification establishes the requirements for classification of covered electrodes for underwater, wet-shielded, metal arc welding.

EOS/ESD (ESD Association, Inc.)

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

Contact: *Christina Earl*

Fax: (315) 339-6793

E-mail: cearl@esda.org

BSR/ESDA/JEDEC-JS-001-201x, ESDA/JEDEC Joint Standard for Electrostatic Discharge Sensitivity Testing - Human Body Model (HBM) - Component Level (revision of ANSI/ESDA/JEDEC JS-001 -2014)

Stakeholders: Electronics industry including telecom, consumer, medical, and industrial.

Project Need: The purpose (objective) of this standard is to establish a test method that will replicate HBM failures and provide reliable, repeatable HBM ESD test results from tester to tester, regardless of component type. Repeatable data will allow accurate classifications and comparisons of HBM ESD sensitivity levels.

This standard establishes the procedure for testing, evaluating, and classifying components and microcircuits according to their susceptibility (sensitivity) to damage or degradation by exposure to a defined human body model (HBM) electrostatic discharge (ESD).

HL7 (Health Level Seven)

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

Contact: *Karen Van Hentenryck*

Fax: (734) 677-6622

E-mail: Karenvan@HL7.org

BSR/HL7 V3 ICSRP1, R2-2012 (R201x), HL7 Version 3 Standard: Pharmacovigilance - Individual Case Safety Report, Part 1: The Framework for Adverse Event Reporting, Release 2 (reaffirmation of ANSI/HL7 V3 ICSRP1, R2-2012)

Stakeholders: Quality reporting agencies, regulatory agency, Standards Development Organizations (SDOs).

Project Need: The project is reaching its five-year anniversary.

This standard establishes an international framework for data exchange and information sharing by providing a common messaging format for transmission of ICSRs for adverse drug reactions (ADR) adverse events (AE) product problems and consumer complaints that may occur upon the administration or use of one or more products. The messaging format is based upon the HL7 Reference Information Model (RIM) and can be extended or constrained to accommodate a variety of reporting use cases described in the storyboard section.

BSR/HL7 V3 ICSRP2, R2-2012 (R201x), HL7 Version 3 Standard: Pharmacovigilance - Individual Case Safety Report, Part 2: Human Pharmaceutical Reporting Requirements for ICSR, Release 2 (reaffirmation of ANSI/HL7 V3 ICSRP2, R2-2012)

Stakeholders: Quality reporting agencies, regulatory agency, Standards Development Organizations (SDOs).

Project Need: The standard is nearing its five-year anniversary.

This standard, which contains material drawn from ISO 27593-1, creates a standardized framework for international regulatory reporting and information sharing by providing a common set of data elements and messaging format for the transmissions of ICSRs for adverse drug reactions (ADR), adverse events (AE), infections, and incidents that may occur upon the administration of one or more human pharmaceutical products to a patient, regardless of source and destination. The standard provides a structure where reports can be exchanged in a clear and unambiguous manner.

IAPMO (ASSE Chapter) (ASSE International Chapter of IAPMO)

Office: 18927 Hickory Creek Dr Suite 220
Mokena, IL 60448

Contact: *Conrad Jahrling*

Fax: (708) 479-6139

E-mail: conrad.jahrling@asse-plumbing.org

BSR/ASSE 1087-201x, Performance Requirements for Commercial, and Food Service Water Treatment (new standard)

Stakeholders: Water treatment manufacturers, plumbing industry, public health community, regulatory community.

Project Need: The plumbing and building industries need a single product standard that covers water treatment product material safety, performance, structural integrity, backflow protection, cross-connection prevention, proper installation, and proper maintenance of the equipment. There are some existing residential standards that cover material safety, performance and structural integrity which shall be referenced in this standard. At this time, commercial water treatment standards do not exist for such equipment.

This standard covers water treatment systems designed to improve the water quality for drinking water and process water for residential, commercial, and food service applications: (1) Point-of-use and point-of-entry plumbed in water treatment systems; (2) Commercial plumbed in water treatment systems - Softeners, filters, membranes (RO, UF, and NF), UV, distillation, and water coolers with treatment; and (3) Food service water treatment products.

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

Office: 5001 E. Philadelphia Street
Ontario, CA 91761-2816

Contact: *Charles Gross*

Fax: (909) 472-4178

E-mail: charles.gross@iapmo.org

* BSR/CSA B45.13/IAPMO Z1700-201x, Vacuum waste-collection systems (revision of ANSI/CSA B45.13/IAPMO Z1700-2014)

Stakeholders: Manufacturers (producers), users, and general interest.

Project Need: CSA B45.13/IAPMO Z1700 to undergo correction of an inadvertent omission.

This Standard covers vacuum waste-collection systems intended to extract and transport water, condensate from refrigerators, sanitary waste, greywater, or grease and specifies requirements for materials, construction, performance testing, and markings.

* BSR/IAPMO Z600/CSA B125.5-2011 (R201x), Flexible water connectors with excess (reaffirmation of ANSI/IAPMO Z600/CSA B125.5-2011)

Stakeholders: Manufacturers (producers), users, and general interest.

Project Need: Time to reaffirm CSA B125.5-11/IAPMO Z600-11.

This Standard specifies test methods and markings for flexible water connectors with excess flow shut-off devices. The devices covered by this Standard are intended to be used in water supply systems under (a) continuous pressure in accessible locations; or (b) intermittent pressure in recreational vehicles.

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

Office: 445 Hoes Lane, PO Box 1331
Piscataway, NJ 08855-1331

Contact: *Susan Vogel*

E-mail: s.vogel@ieee.org

* BSR C63.9-201x, Standard for RF Immunity of Audio Office Equipment to General Use Transmitting Devices with Transmitter Power Levels up to 8 Watts (revision of ANSI C63.9-2008 (R2014))

Stakeholders: EMC test laboratories, EMC test equipment manufacturers (software designers), Office audio equipment manufacturers, users of office audio equipment.

Project Need: The referenced standards have changed and improved, so the references need updating. This includes any necessary updates in the main body of the document. In addition, the types of RF threats that are now present have changed so technology such as LTE needs to be taken into account. Consider latest test instrumentation and techniques. An editorial cleanup is required including the clarifications of the terms shall and should. Finally, several technical clarifications are required including but not limited to alternative methods where the communication systems or the reference CODEC are not available.

This standard provides test methods and limits for assuring the radio frequency (RF) immunity of audio office equipment to general use transmitting portable electronic devices with transmitter power up to 8 watts.

* BSR C63.15-201x, Standard Recommended Practice for the Immunity Assessment of Electrical and Electronic Equipment (revision of ANSI C63.15-2010)

Stakeholders: EMC test laboratories, EMC test equipment manufacturers, product manufacturers, regulators.

Project Need: Changes have been made in the past six years in immunity testing, including updates in the standards referenced in C63.15-2010. In addition there is an interest to include automotive and other immunity test methods. Manufacturers need the updates and additional test methods to better make their products immune in the electromagnetic environments where they are intended to be used.

The amended standard will update radiated and conducted immunity test methods using updated references of common immunity test methods published by the IEC, MIL STD, ISO, and SAE. The ISO and SAE test method addition applies to automobiles. There is also the addition of testing for quasi-static fields, proximity fields, and fields from overhead power lines.

BSR C63.26-201x, Standard of procedures for compliance testing of licensed transmitters (revision of ANSI C63.26-2015)

Stakeholders: EMC and radio test laboratories and equipment manufacturers (software designers), laboratory accreditation bodies, government agencies, manufacturers of licensed transmitters, Telecommunication Certification Bodies, Telecommunications Industry Association (TIA), and TCB Council.

Project Need: C63.26 covers procedures for testing a wide variety of licensed transmitters; including, but not limited to, transmitters operating under Parts 22, 24, 25, 27, 90, 95, and 101 of the FCC Rules.

Guidance for carrier aggregation and use of multi-technology or heterogeneous modulations; Minimum number of carriers, frequency range, and effective signal bandwidth, to be tested; Review guidance for broadband power measurements; Radiated emission measurement procedures; Procedures for millimeter wave (mmW) measurements (above 26 GHz); MBAN devices under FCC Part 95H, CBSDs under FCC Part 96, and mmW devices under developing FCC Part 30; MIMO procedures for applicability to emerging “massive” MIMO capabilities; Test procedures for devices employing integral antennas; Signal booster test methods; Minimum data for inclusion in compliance test reports.

IEST (Institute of Environmental Sciences and Technology)

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Arlington Heights, IL 60005

Contact: *Jennifer Sklena*

Fax: (847) 981-4130

E-mail: jsklena@iest.org; iestservices@iest.org

BSR/IEST/ISO 14644-14-201x, Cleanrooms and associated controlled environments - Part 14: Assessment of suitability for use of equipment by airborne particle concentration (identical national adoption of ISO FDIS 14644-14:2016)

Stakeholders: Anyone involved in the cleanroom industry including equipment manufacturers and users.

Project Need: This part of ISO 14644 links the cleanroom classification of air cleanliness by particle concentration to the suitability of equipment for use in cleanrooms and associated controlled environments.

This part of ISO 14644 specifies a methodology to assess the suitability of equipment (e.g., machinery, measuring equipment, process equipment, components and tools) for use in cleanrooms and associated controlled environments, with respect to airborne particle cleanliness as specified in ISO 14644-1. Particle sizes range from 0,1 µm to equal to or larger than 5 µm (given in ISO 14644-1).

ISEA (ASC Z87) (International Safety Equipment Association)

Office: 1901 North Moore Street
Suite 808
Arlington, VA 22209

Contact: *Cristine Fargo*

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E-mail: cfargo@safetyequipment.org

BSR ISEA Z87.1-201x, Occupational and Educational Personal Eye and Face Protection Devices (revision of ANSI ISEA Z87.1-2015)

Stakeholders: Product suppliers, regulatory agencies; industry sectors included chemical, assembly and manufacturing, construction, agriculture; testing laboratories; trade and educational entities.

Project Need: Scheduled revision to reflect state-of-the-art technology, current test methods, and applications for products covered under this standard.

Sets forth requirements related to product performance, testing, and permanent markings. Also provides guidance on selection, use, and care of eye and face devices worn to protect against hazards including, but not limited to, liquid splash, impact by fragment, optical exposures related to welding activities. Certain occupational exposures and recreational activities are not addressed by this standard.

NEMA (ASC C136) (National Electrical Manufacturers Association)

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Rosslyn, VA 22209

Contact: *Karen Willis*

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E-mail: Karen.Willis@nema.org

BSR C136.28-2006 (S201x), Standard for Roadway and Area Lighting Equipment - Glass Lenses Used in Luminaires (stabilized maintenance of ANSI C136.28-2006 (R2011))

Stakeholders: Producers, users, test labs, specifiers.

Project Need: This project is needed to place the document into stabilized maintenance. It is the intent to consider requests for change and information on the submittal of such requests.

This standard covers flat and molded glass of soda-lime and borosilicate materials used as lenses for roadway and area lighting luminaires. This standard includes definitions, criteria, and test methods for mechanical and impact strength, thermal shock resistance, and temper for both materials.

TAPPI (Technical Association of the Pulp and Paper Industry)

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Peachtree Corners, GA 30092

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E-mail: standards@tappi.org

BSR/TAPPI T 464 om-201x, Water vapor transmission rate of paper and paperboard at high temperature and humidity (revision of ANSI/TAPPI T 464 om-2012)

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

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

This method is for the gravimetric determination of the water vapor transmission rate (WVTR) of sheet materials at 37.8°C (100°F) with an atmosphere of 90% RH on one side and a desiccant on the other.

BSR/TAPPI T 1215 sp-201x, The determination of instrumental color differences (revision of ANSI/TAPPI T 1215 sp-2012)

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

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

This standard practice provides a general introduction to the use of color differences and a list of the most widely used equations to obtain them. Color differences can be used (1) as a guide to establishing color tolerances in the production of pulp, paper, and paperboard, (2) for the determination of buying and selling tolerances of color, and (3) to provide a method of determining the adequacy of color matches.

BSR/TAPPI T 1216 sp-201x, Indices for whiteness, yellowness, brightness, and luminous reflectance factor (revision of ANSI/TAPPI T 1216 sp-2012)

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

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

This Standard Practice deals only with simplified color indices applicable specifically to white colors. There are approximately 5000 distinguishable white colors. As with any other color, three numbers are necessary for the complete identification of any white. All the color and color difference scales regularly used for color specification are applicable to white colors.

BSR/TAPPI T 1219 sp-201x, Storage of paper samples for optical measurements and color matching (revision of ANSI/TAPPI T 1219 sp-2012)

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

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

Procedures for handling and storing samples are generally based on the premise that heat and light are the two primary factors affecting change. This standard practice lists several practices that have been found to be helpful in preserving samples.

UL (Underwriters Laboratories, Inc.)

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Research Triangle Park, NC 27709-3995

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BSR/UL 498C-201X, Standard for Flatiron and Appliance Plugs (new standard)

Stakeholders: Manufacturers of cooking or heating appliances, manufacturers of appliances, manufacturers of components that are commonly used in appliances, users and consumer retailers.

Project Need: To obtain national recognition covering flatiron and appliance plugs.

This Standard will cover flatiron and appliance plugs intended for use on cord-connected portable cooking or heating appliances rated up to 20 A, 250 Volts or less, intended for use in ordinary non-hazardous locations - all intended for connection to a branch circuit for use in accordance with the National Electrical Code, ANSI/NFPA 70, and Canadian Electrical Code Part 1.

UL (Underwriters Laboratories, Inc.)

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E-mail: patricia.a.sena@ul.com

BSR/UL 2808-201X, Standard for Safety for Retrofit Energy Monitoring Equipment (new standard)

Stakeholders: Manufacturers of retrofit energy monitoring equipment, AHJs.

Project Need: To obtain national recognition of a standard covering retrofit energy monitoring equipment.

These requirements cover retrofit energy monitoring equipment, including submeters; and associated equipment, including open-type current transformers. This equipment is intended for field installation within distribution and control equipment such as panelboards, switchboards, industrial control equipment, and energy management equipment, to measure current on an electrical circuit. These requirements also cover current transformers factory mounted in an enclosure. Installation is in accordance with the National Electrical Code, ANSI/NFPA 70.

American National Standards Maintained Under Continuous Maintenance

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

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

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

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

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

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

ANSI-Accredited Standards Developers Contact Information

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

AAMI
Association for the Advancement of Medical Instrumentation
4301 N Fairfax Drive
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AISI
American Iron and Steel Institute
25 Massachusetts Avenue, NW
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Washington, DC 20001
Phone: (202) 452-7100
Fax: (202) 452-1039
Web: www.steel.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

APCO
Association of Public-Safety Communications Officials-International
351 N. Williamson Boulevard
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Fax: (386) 944-2794
Web: www.apcoIntl.org

ASC X9
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ASCE
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1801 Alexander Bell Dr
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ASME
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Web: www.asme.org

ASSE (ASC Z15)
American Society of Safety Engineers
520 N. Northwest Highway
Park Ridge, IL 60068
Phone: (847) 232-2012
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ASSE (ASC Z9)
American Society of Safety Engineers
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ASSE (Safety)
American Society of Safety Engineers
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Web: www.asse.org

ASTM
ASTM International
100 Barr Harbor Drive
West Conshohocken, PA 19428-2959
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Web: www.astm.org

ATIS
Alliance for Telecommunications Industry Solutions
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Washington, DC 20005
Phone: (202) 434-8840
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AWS
American Welding Society
8669 NW 36th Street
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Miami, FL 33166
Phone: (800) 443-9353
Web: www.aws.org

AWWA
American Water Works Association
6666 W. Quincy Ave.
Denver, CO 80235
Phone: (303) 347-6178
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CSA
CSA Group
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Cleveland, OH 44131
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EOS/ESD
ESD Association
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Web: www.esda.org

FCI
Fluid Controls Institute
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Web: www.fluidcontrolsinstitute.org

HL7
Health Level Seven
3300 Washtenaw Avenue
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Web: www.hl7.org

IAPMO (ASSE Chapter)
ASSE International Chapter of IAPMO
18927 Hickory Creek Dr Suite 220
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Phone: (708) 995-3017
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IAPMO (Z)
International Association of Plumbing & Mechanical Officials
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IEEE (ASC C63)
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IEST
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IKECA
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Web: www.ikeca.org

INFOCOMM
InfoComm International
11242 Waples Mill Road
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ISEA
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ITI (INCITS)
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1101 K Street NW
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NEMA (ASC C136)
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NEMA (ASC C8)
National Electrical Manufacturers Association
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NSF
NSF International
789 N. Dixboro Road
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RVIA
Recreational Vehicle Industry Association

1896 Preston White Drive
P.O. Box 2999
Reston, VA 20191-4363
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Fax: (703) 620-5071
Web: www.rvia.org

SCTE
Society of Cable Telecommunications Engineers

140 Philips Road
Exton, PA 19341-1318
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Web: www.scte.org

SDI (Canvass)
Steel Deck Institute

PO Box 426
Glenshaw, PA 15116
Phone: (412) 487-3325
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SPRI
Single Ply Roofing Institute

411 Waverley Oaks Road
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TAPPI
Technical Association of the Pulp and Paper Industry

15 Technology Parkway South
Peachtree Corners, GA 30092
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UAMA (ASC B74)
Unified Abrasive Manufacturers' Association

30200 Detroit Road
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ISO & IEC Draft International Standards

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

Comments

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

Ordering Instructions

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

ISO Standards

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 18487-1, Aerospace series - Titanium tube for 35MPa operating pressure - Part 1: Inch series - 8/20/2016, $62.00

CARBON DIOXIDE CAPTURE, TRANSPORTATION, AND GEOLOGICAL STORAGE (TC 265)

ISO/DIS 27914, Carbon Dioxide Capture, Transportation and Geological Storage - Geological Storage - 8/13/2016, $155.00

GEOGRAPHIC INFORMATION/GEOMATICS (TC 211)

ISO/DIS 19155-2, Geographic information - Place Identifier (PI) architecture - Part 2: Place Identifier (PI) linking - 6/23/2016, $107.00

HEALTH INFORMATICS (TC 215)

ISO/DIS 17090-5, Health informatics - Public key infrastructure - Part 5: Authentication using Healthcare PKI credentials - 8/17/2016, $62.00

HYDROMETRIC DETERMINATIONS (TC 113)

ISO/DIS 9123, Measurement of liquid flow in open channels - Stage-fall-discharge relationships - 7/14/2016, $88.00

INTERNAL COMBUSTION ENGINES (TC 70)

ISO/DIS 8528-9, Reciprocating internal combustion engine driven alternating current generating sets - Part 9: Measurement and evaluation of mechanical vibrations - 8/20/2016, $58.00

NUCLEAR ENERGY (TC 85)

ISO/ASTM DIS 51205, Practice for use of a ceric-cerous sulfate dosimetry system - 8/14/2016, $58.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO/DIS 20711, Optics and photonics - Environmental requirements - Test requirements for telescopic systems - 8/14/2016, $53.00

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

ISO/DIS 10467, Plastics piping systems for pressure and non-pressure drainage and sewerage - Glass-reinforced thermosetting plastics (GRP) based on unsaturated polyester (UP) resin - 12/10/2011, $134.00

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

ISO/DIS 80000-10, Quantities and units - Part 10: Atomic and nuclear physics - 8/18/2016, $107.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 11237, Rubber hoses and hose assemblies - Compact wire-braid-reinforced hydraulic types for oil-based or water-based fluids - Specification - 6/23/2016, $62.00

ISO/DIS 22768, Rubber, raw - Determination of the glass transition temperature by differential scanning calorimetry (DSC) - 8/20/2016, $46.00

SAFETY OF MACHINERY (TC 199)

ISO/DIS 14118, Safety of machinery - Prevention of unexpected start-up - 6/25/2016, $58.00

TERMINOLOGY (PRINCIPLES AND COORDINATION) (TC 37)

ISO/DIS 21720, XML Localisation interchange file format - 8/17/2016, $175.00

TOBACCO AND TOBACCO PRODUCTS (TC 126)

ISO/DIS 13276, Tobacco and tobacco products - Determination of nicotine purity - Gravimetric method using tungstosilicic acid - 6/23/2016, $40.00

TRADITIONAL CHINESE MEDICINE (TC 249)

ISO/DIS 20308, Traditional Chinese medicine - Gua Sha instruments - 8/18/2016, $53.00

WATER QUALITY (TC 147)

ISO/DIS 20595, Water quality - Determination of selected easily volatile organic compounds in water - Method using gas chromatography and mass spectrometry by static headspace technique (HS-GC-MS) - 6/26/2016, $93.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO/DIS 9455-11, Soft soldering fluxes - Test methods - Part 11: Solubility of flux residues - 8/14/2016, $40.00

ISO/DIS 9455-15, Soft soldering fluxes - Test methods - Part 15: Copper corrosion test - 8/14/2016, $58.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 10373-6/DAmd4, Identification cards - Test methods - Part 6: Proximity cards - Amendment 4: Conformance test plan - 6/25/2016, $71.00

ISO/IEC 14496-3/DAmd6, Information technology - Coding of audio-visual objects - Part 3: Audio - Amendment 6: Profiles, levels and downmixing method for 22.2 channel programs - 6/23/2016, $46.00

ISO/IEC 23009-1/DAmd4, Information technology - Dynamic adaptive streaming over HTTP (DASH) - Part 1: Media presentation description and segment formats - Amendment 4: Segment Independent SAP Signalling (SISSI), MPD chaining, MPD reset and other extensions - 8/17/2016, $102.00

ISO/IEC DIS 20741, Systems and Software Engineering - Guideline for the evaluation and selection of software engineering tools - 6/23/2016, $102.00

ISO/IEC DIS 29134, Information technology - Security techniques - Privacy impact assessment - Guidelines - 8/9/2016, $112.00

ISO/IEC DIS 11770-4, Information technology - Security techniques - Key management - Part 4: Mechanisms based on weak secrets - 8/17/2016, $119.00

ISO/IEC DIS 15946-5, Information technology - Security techniques - Cryptographic techniques based on elliptic curves - Part 5: Elliptic curve generation - 8/17/2016, $98.00

ISO/IEC DIS 19086-3, Information technology - Cloud computing - Service level agreement (SLA) framework - Part 3: Core conformance requirements - 8/18/2016, $67.00

ISO/IEC DIS 19592-2, Information technology - Security techniques - Secret Sharing - Part 2: Fundamental mechanisms - 8/18/2016, $71.00

ISO/IEC DIS 27034-5, Information technology - Security techniques - Application security - Part 5: Protocols and application security controls data structure - 8/17/2016, $102.00

ISO/IEC DIS 7816-11, Identification cards - Integrated circuit cards - Part 11: Personal verification through biometric methods - 8/17/2016, $88.00

ISO/IEC DIS 23000-17, Information technology - Multimedia application format (MPEG-A) - Part 17: Multiple sensorial media application format - 6/23/2016, $71.00

OTHER

ISO/IEC DGuide 46, Comparative testing of consumer products and related services - General principles - 7/17/2016, $51.00

IEC Standards

21/890/FDIS, IEC 62660-3: Secondary lithium-ion cells for the propulsion of electrical road vehicles - Part 3: Safety requirements, 07/08/2016

21/891/DTR, IEC TR 62660-4: Candidate alternative test methods for the internal short circuit test of IEC 62660-3, 07/22/2016

22E/173/NP, Bi-directional grid connected power converter, Part 2 interface of GCPC and distributed energy resources and additional requirements to Part 1, 08/19/2016

22F/419/CD, Amendment 2 - IEC/TR 62543 Ed.1: High-voltage direct current (HVDC) power transmission using voltage sourced converters (VSC), 07/22/2016

27/981/CD, IEC/TS 62997 Ed.1: Industrial electroheating and electromagnetic processing equipment - Evaluation of hazards caused by magnetic nearfields from 1 Hz to 6 MHz, 08/19/2016

29/905/CD, IEC 61265 Ed. 2: Electroacoustics - Instruments for measurement of aircraft noise - Performance requirements for systems to measure sound pressure levels in noise certification of aircraft, 08/19/2016

31/1257/FDIS, IEC 60079-29-1/Ed2: Explosive atmospheres - Part 29 -1: Gas detectors - Performance requirements of detectors for flammable gases, 07/08/2016

32B/651/FDIS, IEC 60269-4/A2/Ed5: Low-voltage fuses - Part 4: Supplementary requirements for fuse-links for the protection of semiconductor devices, 07/08/2016

34B/1849A/CDV, IEC 60061 Ed.3: Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 1: Lamp caps - Amendment 56; Part 2: Lampholders - Amendment 52; Part 3: Gauges - Amendment 53; IEC 60061-4 Ed.1: Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 4: Guidelines and general information - Amendment 15, 07/08/2016

34C/1215/CD, IEC 62384 Ed.2: DC or AC supplied electronic control gear for LED modules - Performance requirements, 08/19/2016

34C/1222/CD, IEC 62386-216 Ed.1: Digital addressable lighting interface - Part 216: Particular requirements for control gear - Load referencing (device type 15), 08/19/2016

34C/1223/CD, IEC 62386-217 Ed.1: Digital addressable lighting interface - Part 217: Particular requirements for control gear - Thermal gear protection (device type 16), 08/19/2016

34C/1224/CD, IEC 62386-218 Ed.1: Digital addressable lighting interface - Part 218: Particular requirements for control gear - Dimming Curve Selection (device type 17), 08/19/2016

34C/1225/CD, IEC 62386-220 Ed.1: Digital addressable lighting interface - Part 220: Particular requirements for control gear - Centrally Supplied DC Emergency Operation (device type 19), 08/19/2016

34C/1226/CD, IEC 62386-222 Ed.1: Digital addressable lighting interface - Part 222: Particular requirements for control gear - Thermal lamp protection (device type 21), 08/19/2016

34C/1227/CD, IEC 62386-224 Ed.1: Digital addressable lighting interface - Part 224: Particular requirements for control gear - Integrated light source (device type 23), 08/19/2016

46A/1303/CD, IEC 61196-6-2: Coaxial communication cables - Part 6 -2: Detail specification for 75-4 type CATV drop cables, 08/19/2016

46A/1306/CD, IEC 61196-6-4: Coaxial communication cables - Part 6 -4: Detail specification for 75-7 type CATV drop cables, 08/19/2016

46A/1307/CD, IEC 61196-6-3: Coaxial communication cables - Part 6 -3: Detail specification for 75-5 type CATV drop cables, 08/19/2016

47E/548/CD, IEC 60747-9 Ed.3: Semiconductor devices - Part 9: Discrete devices: Insulated-gate bipolar transistors (IGBTs), 08/19/2016

48B/2496/FDIS, IEC 61076-3-110/Ed3: Connectors for electronic equipment - Product requirements - Part 3-110: Detail specification for free and fixed connectors for data transmission with frequencies up to 3 000 MHz, 07/08/2016

48B/2497/FDIS, IEC 60603-7-82/Ed1: Connectors for electronic equipment - Part 7-82: Detail specification for 8-way, shielded, individual pair shielded, free and fixed connectors, for data transmission with frequencies up to 2 000 mhz, 07/08/2016

48B/2498/FDIS, IEC 61076-3-120/Ed1: Connectors for electronic equipment - Product requirements - Part 3-120: Rectangular connectors - Detail specification for rewirable power connectors with snap locking for rated voltage of 250 V d.c. and rated current of 30 a, 07/08/2016

49/1186A/CDV, IEC 60679-1 Ed.4: Piezoelectric, dielectric and electrostatic oscillators of assessed quality - Part 1: Generic specification, 08/05/2016

49/1187A/CDV, IEC 62884-1 Ed.1: Measurement techniques of piezoelectric, dielectric and electrostatic oscillators - Part 1: Basic methods for the measurement, 08/05/2016

57/1697/CDV, IEC 61850-6 A1 Ed.2: Amendment 1 to IEC 61850-6 Ed.2: Communication networks and systems for power utility automation - Part 6: Configuration description language for communication in electrical substations related to IEDs, 08/19/2016

57/1699/CDV, IEC 62351-9 Ed.1: Power systems management and associated information exchange - Data and communications security - Part 9: Cyber security key management for power system equipment, 08/19/2016

59M/71/DTR, IEC 63061 TR Ed.1: Adjusted volume calculation for refrigerating appliances, 07/22/2016

62A/1093/DTR, ISO TR 80002-2, Medical device software - Part 2: Validation of software for medical device quality systems, 07/22/2016

62A/1096/NP, Health software and health IT systems safety, effectiveness and security - Foundational principles, concepts and terms, 08/19/2016

65E/506/NP, Intelligent Device Management - Part 1: Concepts and Terminology, 08/19/2016

77B/758/FDIS, IEC 61000-4-31 - Electromagnetic Compatibility (EMC) - Part 4-31: Testing and measurement techniques - AC mains ports broadband conducted disturbance immunity test, 07/08/2016

82/1128/FDIS, IEC 61730-1 Ed.2: Photovoltaic (PV) module safety qualification - Part 1: Requirements for construction, 07/08/2016

82/1129/FDIS, IEC 61730-2 Ed.2: Photovoltaic (PV) module safety qualification - Part 2: Requirements for testing, 07/08/2016

86B/4000/CD, IIEC 61300-3-54/Ed1: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-54: Examinations and measurements - Angular misalignment between ferrule bore axis and ferrule axes for cylindrical ferrules., 08/19/2016

86C/1382/CD, IEC 61282-15/TR/Ed1: Fibre optic communication system design guides - Part 15: Cable plant and link: Testing multi-fibre optic cable plant terminated with MPO connectors, 08/19/2016

100/2702/NP, Measurement method for assistive listening functionality, 08/19/2016

110/759/CDV, IEC 62341-6-4 Ed.1: Organic light emitting diode (OLED) displays - Part 6-4: Measuring methods of transparent properties, 08/19/2016

119/109/NP, Printed Electronics - Part 303-1: Equipment - Roll-to-roll printing - Mechanical dimensions of roll-to-roll printing equipment, 08/19/2016

CIS/I/522/FDIS, Electromagnetic compatibility of multimedia equipment - Immunity requirements, 07/08/2016

C/1950A/DV, Draft ISO/IEC Guide 46, Comparative testing of consumer products and related services - General principles, 09/16/2016

CABPUB/128/NP, New Proposal for ISO/IEC 17029 on Conformity assessment - General requirements for bodies performing validation and verification activities: document for vote (and comments)., 08/26/2016

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

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

ISO 17785-1:2016, Testing methods for pervious concrete - Part 1: Infiltration rate, $51.00

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

ISO 17450-3:2016, Geometrical product specifications (GPS) - General concepts - Part 3: Toleranced features, $149.00

GRAPHIC TECHNOLOGY (TC 130)

ISO 19445:2016, Graphic technology - Metadata for graphic arts workflow - XMP metadata for image and document proofing, $88.00

GRAPHICAL SYMBOLS (TC 145)

ISO 7001/Amd3:2016, Graphical symbols - Public information symbols - Amendment 3, $173.00

INDUSTRIAL TRUCKS (TC 110)

ISO 18479-2:2016, Rough-terrain trucks - Non-integrated personnel work platforms - Part 2: User requirements, $123.00

NON-DESTRUCTIVE TESTING (TC 135)

ISO 18081:2016, Non-destructive testing - Acoustic emission testing (AT) - Leak detection by means of acoustic emission, $173.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO 9022-9:2016, Optics and photonics - Environmental test methods - Part 9: Solar radiation and weathering, $88.00

PAPER, BOARD AND PULPS (TC 6)

ISO 16260:2016, Paper and board - Determination of internal bond strength, $123.00

ISO 11093-4:2016, Paper and board - Testing of cores - Part 4: Measurement of dimensions, $88.00

PROSTHETICS AND ORTHOTICS (TC 168)

ISO 10328:2016, Prosthetics - Structural testing of lower-limb prostheses - Requirements and test methods, $265.00

ISO 22675:2016, Prosthetics - Testing of ankle-foot devices and foot units - Requirements and test methods, $265.00

SAFETY OF MACHINERY (TC 199)

ISO 14122-1:2016, Safety of machinery - Permanent means of access to machinery - Part 1: Choice of fixed means and general requirements of access, $88.00

ISO 14122-2:2016, Safety of machinery - Permanent means of access to machinery - Part 2: Working platforms and walkways, $123.00

ISO 14122-3:2016, Safety of machinery - Permanent means of access to machinery - Part 3: Stairs, stepladders and guard-rails, $149.00

ISO 14122-4:2016, Safety of machinery - Permanent means of access to machinery - Part 4: Fixed ladders, $200.00

SMALL CRAFT (TC 188)

ISO 14895:2016, Small craft - Liquid-fuelled galley stoves and heating appliances, $88.00

TEXTILES (TC 38)

ISO 105-G01:2016, Textiles - Tests for colour fastness - Part G01: Colour fastness to nitrogen oxides, $88.00

ISO 105-D02:2016, Textiles - Tests for colour fastness - Part D02: Colour fastness to rubbing: Organic solvents, $51.00

ISO 105-G04:2016, Textiles - Tests for colour fastness - Part G04: Colour fastness to nitrogen oxides in the atmosphere at high humidities, $88.00

ISO 105-X12:2016, Textiles - Tests for colour fastness - Part X12: Colour fastness to rubbing, $51.00

ISO 105-X16:2016, Textiles - Tests for colour fastness - Part X16: Colour fastness to rubbing - Small areas, $51.00

ISO Technical Specifications

HEALTH INFORMATICS (TC 215)

ISO/TS 19256:2016, Health informatics - Requirements for medicinal product dictionary systems for health care, $200.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 14496-5/Amd39:2016, Information technology - Coding of audio-visual objects - Part 5: Reference software - Amendment 3: Reference software for the Multi-resolution Frame Compatible Stereo Coding with Depth Maps of AVC, $22.00

ISO/IEC 23008-5/Amd2:2016, Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 5: Reference software for high efficiency video coding - Amendment 2: Reference Software for the Multiview Main Profile of HEVC, $22.00

ISO/IEC 13249-1:2016, Information technology - Database languages - SQL multimedia and application packages - Part 1: Framework, $123.00

ISO/IEC 14443-3:2016, Identification cards - Contactless integrated circuit cards - Proximity cards - Part 3: Initialization and anticollision, $240.00

ISO/IEC 14443-4:2016, Identification cards - Contactless integrated circuit cards - Proximity cards - Part 4: Transmission protocol, $240.00

ISO/IEC 18041-4:2016, Information technology - Computer graphics, image processing and environmental data representation - Environmental Data Coding Specification (EDCS) language bindings - Part 4: C, $240.00

ISO/IEC 18384-1:2016, Information technology - Reference Architecture for Service Oriented Architecture (SOA RA) - Part 1: Terminology and concepts for SOA, $240.00

IEC Standards

CAPACITORS AND RESISTORS FOR ELECTRONIC EQUIPMENT (TC 40)

IEC 60384-18 Ed. 3.0 b:2016, Fixed capacitors for use in electronic equipment - Part 18: Sectional specification - Fixed aluminium electrolytic surface mount capacitors with solid (MnO_2) and non-solid electrolyte, $230.00

ELECTRICAL ACCESSORIES (TC 23)

IEC 61995-1 Ed. 1.1 b:2016, Devices for the connection of luminaires for household and similar purposes - Part 1: General requirements, $424.00

IEC 61995-1 Amd.1 Ed. 1.0 b:2016, Amendment 1 - Devices for the connection of luminaires for household and similar purposes - Part 1: General requirements, $20.00

IEC 61058-1-1 Ed. 1.0 b:2016, Switches for appliances - Part 1-1: Requirements for mechanical switches, $85.00

IEC 61058-1-2 Ed. 1.0 b:2016, Switches for appliances - Part 1-2: Requirements for electronic switches, $157.00

ELECTROACOUSTICS (TC 29)

IEC 61094-5 Ed. 2.0 b:2016, Electroacoustics - Measurement microphones - Part 5: Methods for pressure calibration of working standard microphones by comparison, $157.00

ELECTROSTATICS (TC 101)

IEC 61340-5-1 Ed. 2.0 b:2016, Electrostatics - Part 5-1: Protection of electronic devices from electrostatic phenomena - General requirements, $121.00

S+ IEC 61340-5-1 Ed. 2.0 en:2016 (Redline version), Electrostatics - Part 5-1: Protection of electronic devices from electrostatic phenomena - General requirements, $156.00

FIBRE OPTICS (TC 86)

IEC 61754-6 Ed. 2.0 b:2013, Fibre optic interconnecting devices and passive components - Fibre optic connector interfaces - Part 6: Type MU connector family, $351.00

LAMPS AND RELATED EQUIPMENT (TC 34)

IEC 60598-2-13 Ed. 1.2 b:2016, Luminaires - Part 2-13: Particular requirements - Ground recessed luminaires, $116.00

IEC 60598-2-13 Amd.2 Ed. 1.0 b:2016, Amendment 2 - Luminaires - Part 2-13: Particular requirements - Ground recessed luminaires, $14.00

POWER ELECTRONICS (TC 22)

IEC 61803 Ed. 1.2 b:2016, Determination of power losses in high-voltage direct current (HVDC) converter stations with line-commutated converters, $339.00

IEC 61803 Amd.2 Ed. 1.0 b:2016, Amendment 2 - Determination of power losses in high-voltage direct current (HVDC) converter stations with line commutated converters, $36.00

PRIMARY CELLS AND BATTERIES (TC 35)

IEC 60086-SER Ed. 1.0 b:2016, Primary batteries - ALL PARTS, $1187.00

IEC 60086-3 Ed. 4.0 b:2016, Primary batteries - Part 3: Watch batteries, $182.00

S+ IEC 60086-3 Ed. 4.0 en:2016 (Redline version), Primary batteries - Part 3: Watch batteries, $218.00

SAFETY OF ELECTRONIC EQUIPMENT WITHIN THE FIELD OF AUDIO/VIDEO, INFORMATION TECHNOLOGY AND COMMUNICATION TECHNOLOGY (TC 108)

IEC 60990 Ed. 3.0 b:2016, Methods of measurement of touch current and protective conductor current, $339.00

S+ IEC 60990 Ed. 3.0 en:2016 (Redline version), Methods of measurement of touch current and protective conductor current, $407.00

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)

IEC 60335-2-87 Ed. 3.0 b:2016, Household and similar electrical appliances - Safety - Part 2-87: Particular requirements for electrical animal stunning equipment, $157.00

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

IEC 61010-2-020 Ed. 3.0 b:2016, Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2 -020: Particular requirements for laboratory centrifuges, $230.00

S+ IEC 61010-2-020 Ed. 3.0 en:2016 (Redline version), Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2-020: Particular requirements for laboratory centrifuges, $276.00

SEMICONDUCTOR DEVICES (TC 47)

IEC 62433-4 Ed. 1.0 b:2016, EMC IC modelling - Part 4: Models of integrated circuits for RF immunity behavioural simulation - Conducted immunity modelling (ICIM-CI), $375.00

SWITCHGEAR AND CONTROLGEAR AND THEIR ASSEMBLIES FOR LOW VOLTAGE (TC 121)

IEC 60947-5-1 Ed. 4.0 b:2016, Low-voltage switchgear and controlgear - Part 5-1: Control circuit devices and switching elements - Electromechanical control circuit devices, $375.00

S+ IEC 60947-5-1 Ed. 4.0 en:2016 (Redline version), Low-voltage switchgear and controlgear - Part 5-1: Control circuit devices and switching elements - Electromechanical control circuit devices, $446.00

Proposed Foreign Government Regulations

Call for Comment

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

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

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

Information Concerning

American National Standards

INCITS Executive Board

ANSI Accredited SDO and US TAG to ISO/IEC JTC 1, Information Technology

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

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

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

- **Producer – Hardware**

  This category primarily produces hardware products for the ITC marketplace.

- **Producer – Software**

  This category primarily produces software products for the ITC marketplace.

- **Distributor**

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

- **User**

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

- **Consultants**

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

- **Standards Development Organizations and Consortia**

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

- **Academic Institution**

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

- **Other**

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

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

Calls for Members

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

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

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

ANSI Accredited Standards Developers

Application for Accreditation

Association of Transportation Safety Information Professionals (ATSIP)

Comment Deadline: July 5, 2016

The Association of Transportation Safety Information Professionals (ATSIP) has submitted an application for accreditation as an ANSI Accredited Standards Developer (ASD) and proposed operating procedures for documenting ATSIP-sponsored American National Standards. ATSIP's proposed scope of standards activity is as follows:

Standards related to Motor Vehicle Traffic Crash Classification, which involves the completion of law enforcement reports of crashes involving motor vehicles and/or pedestrians, fixed objects or non-collisions, such as roll-overs or "run off the road" incidents. The standard to be developed will cover the definition of terms related to crashes and crash reporting and provide instructions for classification.

To obtain a copy of ATSIP's application and proposed operating procedures or to offer comments, please contact: Ms. Joan L. Vecchi, NHTSA Contractor, Traffic Safety Analysis, Systems & Services, Inc., 1213 Stringtown Road, Grove City, OH 43123-8910; phone: 614.539.4100; e-mail: vecchijoan@yahoo.com. Please submit any comments to ATSIP by July 5, 2016, with a copy to the ExSC Recording Secretary in ANSI's New York Office (e-mail: Jthompso@ANSI.org). As the proposed procedures are available electronically, the public review period is 30 days. You may view or download a copy of ATSIP's proposed operating procedures from ANSI Online during the public review period at the following URL: www.ansi.org/accredPR.

Withdrawal of ASD Accreditation

American Fence Association (AFA)

The American Fence Association (AFA) has requested the formal withdrawal of its accreditation as a developer of American National Standards. AFA currently maintains no American National Standards. This action is taken, effective May 25, 2016. For additional information, please contact: Ms. Alexa Churchwell, Director, Association Management, American Fence Association, 6404 International Parkway, Suite 2250-A, Plano, TX 75093; phone: 314.561.6618; e-mail: Alexa@americanfenceassociation.com.

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

Pharmaceutical Preparation Machinery

Comment Deadline: Friday, June 24, 2016

SAC, the ISO member body for China, has submitted to ISO a proposal for a new field of ISO technical activity on Pharmaceutical preparation machinery, with the following scope statement:

> Standardization of pharmaceutical preparation machinery, including terminology, classification, requirements and test methods.

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, June 24, 2016.

Meeting Notices

AHRI Meeting

Revision of ANSI/AHRI Standard 640-2005, Performance Rating of Commercial and Industrial Humidifiers

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on June 6 from 2 p.m. to 4 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Ted Wayne at twayne@ahrinet.org.

GBI Meetings

The 17th and 18th meetings of the Green Building Initiative - GBI 01-201x Consensus Body

The 17th and 18th meetings of the Green Building Initiative - GBI 01-201x Consensus Body will be held via conference call and webinar:

> Monday, June 6, 2016 from 1:00 PM to 3:00 PM ET
>
> Wednesday, June 22, 2016 from 11:00 AM to 1:00 PM ET

The purpose for these teleconferences is for Consensus Body members to review recommended responses to comments from the public comment period for the Working Draft of 01-201X document and questions/comments from the public.

The tentative agenda will be posted on the GBI webpage for the standard at: http://www.thegbi.org/ansi. All meetings are open to the public. Any member of the public or Subcommittee participant who would like to attend the meeting should contact the Secretariat, Maria Woodbury, preferably at least 10 days in advance of the meeting to ensure they are included in relevant communications in preparation for the meeting.

To attend, and for additional information, please contact:

Maria Woodbury
Secretariat for Green Building Initiative
207-807-8666 (direct)
Maria@thegbi.org

Information Concerning

International Organization for Standardization (ISO)

ISO New Work Item Proposal

Chain of Custody – Transparency and Traceability – Generic Requirements for Supply Chain Actors

Comment Deadline: June 24, 2016

NEN, the ISO member body for the Netherlands, has submitted to ISO a new work item proposal for the development of an ISO standard on Chain of Custody – Transparency and traceability – Generic requirements for supply chain actors, with the following scope statement:

> *The overall scope of work is standardization in the field of chain of custody (CoC) terminology and requirements for all products with specified characteristics. The objective is to increase transparency and facilitate market access, especially for smaller companies and developing countries.*
>
> *This standard differs from existing ISO initiatives by defining the requirements and traceability levels independently of sectors, raw materials, products, and issues addressed. It lays down a set of generic requirements to ensure that products with specified characteristics sold or shipped by a supply chain actor (SCA), can be physically and/or administratively connected to a corresponding amount of input material with the same specified characteristics. It does not intend to set requirements on the input or output material or limitations to specific product characteristics such as sustainability, safety or source. It does however provide guidance for describing characteristics.*
>
> *This International Standard is intended to increase transparency in value chains by specifying traceability requirements for the individual supply chain actors. This international standard can be used in all sectors and for all products with specific characteristics, which are transferred between two or more SCA's. Services are not included.*
>
> *This standard defines commonly used supply chain models, their traceability levels and their specific requirements regarding administration, physical handling activities, conversion rates, transactions and stock activities relating to the product et cetera. These fundamental concepts and principles of chain of custody management cover the whole supply chain and are universally applicable to the following stakeholders:*
>
> - *organizations seeking sustained success through the implementation of a chain of custody management system;*
> - *customers seeking confidence in an organization's ability to consistently provide products and services conforming to their requirements;*
> - *organizations seeking confidence in their supply chain that product and service requirements will be met;*
> - *organizations and interested parties seeking to improve communication through a common understanding of the vocabulary used by supply chain actors;*
> - *developers of related standards.*

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, June 24, 2016.

Information Concerning

International Organization for Standardization (ISO)
ISO Proposal for a New Field of ISO Technical Activity
Organizational Governance
Comment Deadline: Friday, July 1, 2016

BSI, the ISO member body for the United Kingdom, has submitted to ISO a proposal for a new field of ISO technical activity on Organizational Governance, with the following scope statement:

> *Standardization of organizational governance, including aspects of accountability, direction and control – which may include principles of governance, anti-bribery, conflict of interest, due diligence, whistleblowing, compliance, remuneration structures and external reporting, amongst others.*
>
> *This proposal is for a new technical committee in the field of organizational governance. For the purposes of this proposal, governance may be defined as a "system by which the whole organization is directed, controlled and held accountable to achieve its core purpose over the long term". The term "corporate governance" is typically used for the governance of private and publicly-listed companies.*
>
> *The TC would develop and maintain standards applicable for all organizations to improve the effective delivery of governance. This proposal recognizes that, although interrelated, there is an important distinction between management and governance. The above definition of governance places it into a context of accountability whereas management can be deemed to be "the act of bringing people together to accomplish desired goals and objectives, using available resources in an efficient, effective and risk-aware manner." While governance is linked to management, it is distinct from it because it deals with the accountability of a whole organization to all of its stakeholders and helps ensure that the organization, as a whole, fulfills its full purpose. Thus, governance is a unique area that merits a distinct portfolio of work, separate but complementary to management standards.*

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, July 1, 2016.

Supplement 1 to AISI S400-15:

1. Revise AISI S400-15 Sections E1.3.3, E2.3.3, and E6.3.3 as indicated below:

E1.3.3 Expected Strength [Probable Resistance]

The expected strength [probable resistance] ($\Omega_E V_n$) shall be determined from the *nominal strength* [*resistance*] in accordance with this section.

In the U.S. and Mexico, the expected strength factor, Ω_E, shall be 1.8 for shear walls sheathed with wood structural panels. ~~equal to overstrength factor, Ω_o, determined in accordance with the *applicable building code*.~~

~~**User Note:**~~
~~In the U.S. and Mexico, for *cold-formed steel* light frame *shear walls* sheathed with wood structural panels, specific research on the expected strength of the walls based on energy dissipation at the *connection* between the sheathing and *studs* has not been completed. As a result, the overstrength factor, Ω_o, obtained from the *applicable building code* is used as a coarse estimate at this time. Based on ASCE 7, Ω_o=3 for bearing wall systems and 2.5 for building frame systems.~~

In Canada, the expected strength factor, Ω_E, shall be 1.33 for walls with DFP wood-based structural panel sheathing or OSB wood-based structural panel sheathing, and1.45 for walls with CSP wood-based structural panel sheathing.

E2.3.3 Expected Strength [Probable Resistance]

The expected strength [probable resistance] ($\Omega_E V_n$) shall be determined from the *nominal strength* [*resistance*] in accordance with this section.

In the U.S. and Mexico, the expected strength factor, Ω_E, shall be 1.8 for shear walls with steel sheet sheathing.~~be equal to the overstrength factor, Ω_o, determined in accordance with the *applicable building code*.~~

~~**User Note:**~~
~~In the U.S. and Mexico, for *cold-formed steel* light frame *shear walls* with *steel sheet sheathing*, specific research on the expected strength of the walls based on energy dissipation at the *connection* between the sheathing and *studs* has not been completed. As a result, the overstrength factor, Ω_o, obtained from the *applicable building code* is used as a coarse estimate at this time. Based on ASCE 7, Ω_o=3 for bearing wall systems and 2.5 for building frame systems.~~

In Canada, the expected strength factor, Ω_E, shall be 1.4 for walls with *steel sheet sheathing*.

E6.3.3 Expected Strength

The expected strength ($\Omega_E V_n$) shall be determined from the *nominal strength* in accordance with this section. The expected strength factor, Ω_E, shall be equal to 1.5 for shear walls with gypsum board or fiberboard panel sheathing.~~the overstrength factor, Ω_o, determined in accordance with the *applicable building code*.~~

~~**User Note:**~~
~~In the U.S. and Mexico, for *cold-formed steel* light frame *shear walls* sheathed with gypsum board panels or *fiberboard* panels, specific research on the expected strength of the walls based on energy dissipation at the *connection* between the sheathing and *studs* has not been completed. As a result, the overstrength factor, Ω_o, obtained from the *applicable building code* is used as a coarse estimate at this time. Based on ASCE 7, Ω_o=2.5 for bearing wall systems and building frame systems.~~

2. Revise the title as follows:

E3.4.2 Required Strength [Effect Due to Factored Loads] for ~~Seismic Force-Resisting System~~Chord Studs, Anchorage and Collectors

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Commentary of Supplement 1 to AISI S400-15:

Revise AISI S400-15-C by adding Section B3.3, and revising Sections E1.3.3, and E6.3 as indicated below:

B3.3 Expected Strength [Probable Resistance]

The expected strength [probable resistance] may be expressed as a factor (Ω_E) times the nominal strength.

In the United States and Mexico: In AISI S400-15 an upperbound (conservative) value for $\Omega_E = \Omega_o$ was employed when additional information for determining Ω_E was unavailable, e.g. in Section E1.3.3. In 2016, a more precise upperbound estimate for Ω_E was recognized. At the design limit, $\phi V_n = V_{be}/R$ where V_{be} is the elastic base shear demand. The expected equilibrium between the demand and capacity is $\Omega_o V_{be}/R = V_n + V_o$ where V_o is the lateral resistance of elements outside of the *seismic force-resisting system* (SFRS). Substituting the design limit for V_n and assuming, as an upperbound, that no force is carried outside of the SFRS ($V_o = 0$) results in an upperbound estimate of $\Omega_E = \phi\Omega_o$—this upperbound would appear to reward systems with low ϕ (i.e. highly variable). As an additional check, it is considered that the exceedance probability of the upperbound capacity ($\Omega_E V_n$) should be the same as the lowerbound failure probability, assuming a symmetrical probability distribution—this implies: $\Omega_E V_n = V_n + (V_n - \phi V_n)$, or $\Omega_E = 2 - \phi$. Thus, an upperbound is established that $\Omega_E = \max(\phi\Omega_o, 2 - \phi)$. This upperbound is applied in this *Standard* when additional information is unavailable for determination of Ω_E.

E1.3.3 Expected Strength [Probable Resistance]

This *Standard* incorporates a *capacity-based design* approach in which an element (fuse) of the *seismic force-resisting system* of a structure is designed to dissipate energy. The fuse element, known as the *designated energy-dissipating mechanism*, must be able to carry seismic *loads* over extensive inelastic displacements without sudden failure. It is expected that the fuse element will fail in a ductile, stable and predictable manner, at which time it will reach and maintain its maximum load-carrying resistance. In a structure that makes use of *cold-formed steel* framed *shear walls* with *wood structural panel*s as lateral force-resisting elements, the *shear walls* themselves can initially be thought of as the fuse elements in the larger *lateral force-resisting system*. More specifically, it is the sheathing-to-steel framing *connections* of the *shear wall* that have been shown to fail in a ductile fashion and hence, it is these *connections* that are the *designated energy-dissipating mechanism* – i.e., the fuse. Thus, we seek the expected strength of this mechanism so that it can be protected.

The *capacity-based design* approach stipulates that all other *component*s and *connections* in the lateral load-carrying path must be designed to withstand the expected [probable] strength of the *designated energy-dissipating mechanism* (fuse) element, where the expected strength takes into account expected overstrength (strength above nominal) that may exist. In the case of a *cold-formed steel* framed *shear wall*, the *system* includes the *chord studs*, field *studs*, *hold-down* and anchorage, *track*, etc.; these *component*s are designed to carry the expected [probable] strength of the *shear wall* while the sheathing-to-framing *connections* fail in a ductile manner. To design the *chord studs* and other *component*s of the *seismic force-resisting system,* it is necessary to estimate the probable capacity of the *shear wall* based on a sheathing *connection* failure mode. This can be achieved by applying an overstrength factor to the *nominal resistance*

(Figure C-E1.3.3-1).

In the United States and Mexico: It should be noted that the *nominal strengths* shown in Table E1.3-1 are based on a degraded backbone curve determined using the SPD cyclic protocol (Figure C-E1.3.1-1). Testing of similar specimens with the SPD and CUREE cyclic protocol were 20 percent higher using the CUREE cyclic protocol (Boudreault, 2005). Thus, expected strengths in the United States and Mexico are at least 1.2 times v_n in Table E1.3-1. However, no additional analysis has been conducted for finding expected strength. As a result, the upperbound estimate introduced in *Commentary* Section B3.3 is employed:

$\Omega_E = \max(\phi\Omega_o, 2 - \phi)$. ~~a conservative approach has been adopted at this time: the system overstrength factor, Ω_o, obtained from the *applicable building code* is used as a coarse (and conservative) estimate.~~ For this system $\phi = 0.6$, and ~~B~~based on ASCE/SEI 7-10, $\Omega_o = 3$ for bearing wall systems and 2.5 for building frame systems resulting in $\Omega_E = 1.8$.

(No changes to the rest of this section.)

E6.3 Shear Strength

The requirements for *nominal strength* of *shear walls* with gypsum board or *fiberboard* panel sheathing are comparable to those of *shear walls* with *wood structural panel* sheathing. Refer to Section E1.3.1, and also the following sections for additional commentary.

Strength of *Type I shear walls* with *fiberboard* panel sheathing are based on studies by the NAHB Research Center (NAHB, 2005) and by the American Fiberboard Association (PFS, 1996; and NAHB, 2006). The *nominal strength* values for *shear walls* faced with *fiberboard* in Table E6.3-1 were based on monotonic tests of *fiberboard* sheathed, *cold-formed steel* framed *shear walls* and were compared to the monotonic and cyclic tests that are the basis of the building code tabulated capacities for *fiberboard* sheathed, wood framed *shear walls*. For the 2-inch (50.8 mm) and 3-inch (76.2 mm) edge screw spacing, the *nominal strength* values in Table E6.3-1 were based on the average peak load from tests of two 8-foot (2.438-m)-wide by 8-foot (2.428-m)-tall wall specimens. These *nominal strength* values were found to be within 90 percent of the *nominal strength* values for similarly sheathed wood framed walls. The ratio of steel-to-wood *nominal strength* values increased as the edge (perimeter) fastener spacing increased and, therefore, extrapolating the 2/6 (92% ratio) and 3/6 (96% ratio) design values to 4/6 using a ratio of 90% was conservative. For the 4-inch (101.6 mm) edge screw spacing, the *nominal strength* values were calculated as 90 percent of the *nominal strength* value for a similarly sheathed wood framed wall.

In the United States and Mexico: The upperbound estimate for expected strength introduced in *Commentary* Section B3.3 is also used for gypsum board and fiberboard shear walls. For these shear walls, per ASCE/SEI 7-10 with bearing wall systems, $\Omega_o = 2.5$, and $\phi = 0.6$, results in an upperbound $\Omega_E = 1.5$.

ASME B16.4-~~2011~~ 20XX

(Revision of ASME B16.4-~~2006~~) 2011

PROPOSED REVISION OF:

Gray Iron Threaded Fittings

Classes 125 and 250

DRAFT DATE 05/2016

7 DIMENSIONS AND TOLERANCES

7.1 General

Center-to-end dimensions in millimeters are given for standard straight and reducing fittings in Tables 2 through 6 (Tables I-2 through I-6 are in U.S. Customary units). The sketches of fittings shown in the Standard are representative and for the purpose of illustration.

7.2 Reducing Fittings

7.2.1 The dimensions of reducing fittings shown in Tables ~~2 through 6~~ 3 and 4 (Tables ~~I-2 through I-6~~ I-3 and I-4) are for use only when making patterns for the ~~of reducing fittings are for use only when making patterns for the~~ specific reducing fitting in question and do not apply when a larger size pattern is reduced (i.e., "bushed") to make the ~~reducing~~ reduction or reductions in the fitting ~~wanted~~. Reducing pipe fitting patterns shall be designed to produce wall thicknesses, detail, and dimensions as required for the sizes involved.

7.2.2 The transition in wall thickness from one end size to another shall be in a manner that minimizes the addition of stress caused by sudden changes in direction or wall thickness.

7.2.3 Proof of design shall be verified by a hydrostatic pressure test made at ambient temperature in which pressure is applied for a continuous period of no less than one (1) minute and at ~~which the minimum~~ a constant pressure ~~shall be~~ of no less than five (5) times the pressure rating of the largest size of end connection in the reducing fitting~~, at ambient temperature, and without evidence of cracks, fracture, or leakage~~. Testing is considered successful only when no evidence of cracking, fracturing, or leakage is exhibited after holding for at least the minimum time at or above the required pressure.

7.3 Tolerances

The following tolerances shall be permitted:

(1) Metal Thickness Tolerances. Metal thickness at no point in the castings shall be less than 90% of the value given in Tables 2 through 6 (Tables I-2 through I-6).

(2) Center-to-End Tolerances. Permitted tolerances on the center-to-end dimensions of the fittings are shown in Tables 7 and I-7. Tolerances for end-to-end dimensions and lengths of couplings and reducers shall be twice those given. The largest opening in a reducing fitting governs the tolerances to be applied to all openings. These tolerances do not apply to return bends and caps.

cable code.

4 SIZE

4.1 Nominal Pipe Size

As applied in this Standard, the use of the phrase "nominal pipe size" or the designation NPS followed by a dimensionless number is for the purpose of identifying the end connection of fittings. The number is not necessarily the same as the fitting inside diameter.

4.2 Reducing Fittings

For reducing tees and crosses, the size of the largest run opening shall be given first, followed by the size of the opening at the opposite end of the run. Where the fitting is a tee, the size of the outlet is given last. Where the fitting is a cross, the largest side-outlet opening is the third dimension given, followed by the opposite opening. The straight-line sketches of Fig. 1 illustrate how the reducing fittings are read.

5 MARKING

(a) Each Class 125 fitting shall be marked for identification with the manufacturer's name or trademark.

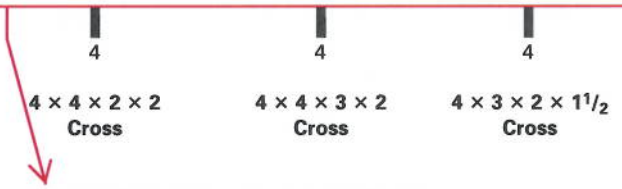
(b) Each Class 250 fitting shall be marked for identification with

(1) the manufacturer's name or trademark

(2) the numerals "250"

6 MATERIAL

Castings shall be produced to meet the requirements of ASTM A126, Class A, B, or C. The manufacturer shall be prepared to certify that the product has been so produced and that the chemical and physical properties thereof, as proved by test specimens, are equal to these requirements.



7 DIMENSIONS AND TOLERANCES

(a) Center-to-end dimensions in millimeters are given for standard straight and reducing fittings in Tables 2 through 6 (Tables I-2 through I-6 are in U.S. Customary units). The sketches of fittings shown in the Standard are representative and for the purpose of illustration.

(b) The dimensions in Tables 2 through 6 (Tables I-2 through I-6) of reducing fittings are for use only when making patterns for the specific reducing fitting in question and do not apply when a larger size pattern is bushed to make the reducing fitting wanted.

(c) The following tolerances shall be permitted:

(1) Metal Thickness Tolerances. Metal thickness at no point in the castings shall be less than 90% of the value given in Tables 2 through 6 (Tables I-2 through I-6).

(2) Center-to-End Tolerances. Permitted tolerances on the center-to-end dimensions of the fittings are shown in Tables 7 and I-7. Tolerances for end-to-end dimensions and lengths of couplings and reducers shall be twice those given. The largest opening in a reducing fitting governs the tolerances to be applied to all openings. These tolerances do not apply to return bends and caps.

8 THREADING

(a) All fittings shall be threaded according to ANSI/ASME B1.20.1, and the variations in threading shall be limited to one turn large or one turn small from the gaging notch on the plug when using working gages.

(b) The reference point for gaging internal fittings threads depends upon the chamfer diameter. When the

ASME B16.42-~~2011~~ 20XX

[Revision of ASME B16.42-1998 (~~R2006~~)] 2011

PROPOSED REVISION OF:

Ductile Iron Pipe Flanges and Flanged Fittings

Classes 150 and 300

Draft Date 05/2016

7.3 Flange Bolt Holes

Bolt holes are in multiples of four so that fittings may face in any quadrant. Pairs of bolt holes shall straddle the centerlines as described in Tables ~~3~~8 and ~~7~~10.

NONMANDATORY APPENDIX B
METHODS FOR ESTABLISHING PRESSURE–TEMPERATURE RATINGS

B-1 GENERAL

B-1.1 Introduction

Pressure–temperature ratings in this Standard have been determined by the procedures in this Appendix. The primary consideration in establishing ratings is adequate wall thickness to sustain stresses due to pressure and other loadings. See para. B-1.2. Other considerations affecting

(a) stre

to maintain gasket seal

(b) distortion of flanges and flanged fittings due to loadings transmitted through the pipeline

(c) limitations applying primarily to valves but imposed also on flanges to maintain compatible ratings

31 % of specified minimum tensile strength

B-1.2 Wall Thickness

Wall thickness requirements for flanged fittings are set forth in para. 8.1, and minimum thicknesses, t_m, are listed in the tables designated in para. 8.1. These values are all greater than those determined by eq. (1).

$$t = 1.5\,P_c d/(2S - 1.2P_c) \quad (1)$$

where

d = inside diameter of the fitting, in.
P_c = pressure rating class designation expressed in pounds per square inch (e.g., P_c = 150 psi for Class 150)
S = stress factor of 7,000 psi
t = calculated thickness, in.

Equation (1) gives a thickness 50% greater than for a simple cylinder designed for a stress of 7,000 psi when subjected to an internal pressure equal to the pressure rating class designation in pounds per square inch. Actual values in the dimension tables listed in para. 8.1 are approximately 0.1 in. to 0.2 in. heavier than those given by the equation.

B-2 RATINGS IN CUSTOMARY UNITS

B-2.1 Ambient Rating Equation

Ratings for –20°F to 100°F temperatures for all pressure classes are established by eq. (2).

$$P_T = P_r S_1/8{,}750 \quad (2)$$

where

P_r = pressure rating class index expressed in pounds per square inch (P_r = 300 psi for Class 300 and P_r = 115 psi for Class 150)
P_T = rated working pressure, psig, for the material at temperature, T
S_1 = selected stress, psi

The selected stress, S_1, shall be the lower of the following values:

(a) 60% of specified minimum yield strength at 100°F.

(b) ~~1.25 times the allowable stress~~ at 100°F. ~~The allowable stress shall be determined by the rules of the ASME Boiler and Pressure Vessel Code, Section I, Appendix A, A-150~~.

~~$S_1 = 31{,}300 - (T^2/49.85)$ (3)~~

~~Using 100 as the value for T, eq. (3) establishes an upper limit for bolt loads approximating 125% of allowable stress for ASTM A193 Grade B7 bolting.~~

B-2.2 Ratings for Class 150

Pressure–temperature ratings for Class 150 flanges and flanged fittings are determined as follows:

(a) The value for P_T at temperature, T (°F), for temperatures from 400°F to 650°F shall be that given by eq. ~~(4)~~. 3

$$P_T = 320 - 0.3T \quad (4)$$ 3

The limits of T are 400°F minimum and 650°F maximum.

(b) The values for P_T between 100°F and 400°F shall be determined by linear interpolation of the values calculated for P_T at 100°F using eqs. (2) and (4).

3

B-2.3 Ratings for Class 300

Pressure–temperature ratings for Class 300 flanges and flanged fittings are determined as follows: 4

(a) The value for P_T at temperature, T (°F), for temperatures from 400°F to 650°F shall be that given by eq. ~~(5)~~.

$$P_T = 645 - 0.3T \quad (5)$$ 4

The limits of T are 400°F minimum and 650°F maximum.

(b) The values for P_T between 100°F and 400°F shall be determined by linear interpolation of the values calculated for P_T at 100°F and 400°F using eqs. (2) and ~~(5)~~.

4

Tracking Number 4i22r3
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Revision to NSF/ANSI 4 – 2014
Issue 22, Draft 3 (May 2016)

NSF/ANSI International Standard
for Food Equipment —

Commercial cooking, rethermalization, and powered hot food holding and transport equipment

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5 Design and construction

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5.25 Enclosed spaces

5.25.1 Enclosed spaces shall be sealed or shall have removable access panels.

5.25.2 Removable panels shall be provided where condensation is likely to occur ~~with~~in an enclosed space.

5.25.3 Functional openings in an oven interior are exempt from 5.25.1 and 5.25.2. Examples include but are not limited to:

- openings provided to facilitate the movement of air or energy such as are typical in a microwave oven; or
- steam outlets in ovens and steamers.

The list of exemptions is not intended to be exhaustive.

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9.9 Product-specific quality assurance requirements

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Table 8 – Chlorinated poly (vinyl chloride) (CPVC) pipe test frequency

Test	Frequency
burst pressure[1, ~~2~~]	24 h
dimensions	
pipe OD	2 h
pipe wall thickness	2 h
pipe out-of-roundness	2 h
flattening resistance[1]	annually
sustained pressure pipe and fittings assemblies	annually
product standards	ASTM D2846 ASTM F441 ASTM F442 CSA B137.6

[1] Applies only to products produced under ASTM F441 and F442 as referenced in 2 of this Standard.

~~[2] If one compound is continuously used in several machines or sizes, when a steady-state operation is obtained on each machine the manufacturer shall choose one of the following sampling methods:~~

~~– sample selection shall be from a different extruder each day and rotated in sequence among all machines or sizes. Refer to Table 2 for minimum sample size.~~

~~– Or~~

~~– if more than three extruders are in operation, the sample shall consist of a minimum of one specimen from each extruder and shall be burst tested every 12 hours (minimum of 8 samples). This option requires additional testing than option 1 when there are more than 3 extruders.~~

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9.9 Product-specific quality assurance requirements

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Table 2 – Minimum number of test specimens for a sample

Test		Number of specimens
acetone		1
Burst [1] pressure	start-up	5
	during steady-state operation	1
crush		1
deflection load and crush resistance		3
degree of crosslinking		1
elongation (microtensile)		2
environmental stress crack resistance		
materials tests		10
pipe tests		6
flattening		3
impact		10
pipe stiffness		3
stabilizer functionality		2
sustained pressure		6
tup puncture resistance		3

[1] If one compound is continuously used in several machines or sizes, when a steady-state operation is obtained on each machine the manufacturer shall choose one of the following sampling methods:

– sample selection shall be from a different extruder each day and rotated in sequence among all machines or sizes. Refer to Table 2 for minimum sample size.

Or

if more than three extruders are in operation, the sample shall consist of a minimum of one specimen from each extruder and shall be burst tested every 12 hours (minimum of 8 samples). This option requires additional testing than option 1 when there are more than 3 extruders.

Tracking #50i113r1 **Revision to NSF/ANSI 50 – 2015**
 Issue 113, Revision 1 (May 2016)

NSF/ANSI 50 – 2015

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

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F.4 Life test

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F.4.5 Acceptance criteria

At least one of the three mechanical chemical feeders shall complete 3000 satisfactory operating hours, and a minimum of 8000 satisfactory operating hours shall be accumulated among the three units. At the conclusion of the testing, the units shall perform as intended by the manufacturer and shall continue to conform to the uniformity of output, suction lift, and pressure requirements in Annex F, section F.5.

Tracking #50i114r1 **Revision to NSF/ANSI 50 – 2015**
 Issue 114, Revision 1 (May 2016)

NSF/ANSI 50 – 2015

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

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14.12 Life Test

When tested in accordance with the life test described in Annex I, a minimum of 8000 operating hours shall be accumulated among the three units; no less than 3000 operating hours shall be accumulated on one of the three units. At the conclusion of the testing, the unit with 3000 operating hours shall be evaluated to the ~~output~~ operational protection, pressure, and disinfection efficacy requirements of this section.

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BSR/UL 268, Standard for Safety for Smoke Detectors for Fire Alarm Systems

PROPOSAL

1. New Cooking Nuisance, Polyurethane Flaming and Smoldering Tests

41.4 Flammable liquid fire <u>(Canada only)</u>

41.4.1 The following materials and procedures shall be used for the flammable liquid fire test:

a) Combustible - Consists of a mixture of 25 percent toluene and 75 percent heptane which is to be burned in a metal receptacle in a large enough quantity to generate curves within the limits specified by Figure 12.

b) Receptacle - To be formed of 0.635-mm (0.025-in) stainless steel, 158 mm (6-1/4 in)in diameter and 32 mm (1-1/4 in) deep, the bottom having 12.7 mm (1/2 in) rounded base, located 0.9 m (3 ft) above the test room floor and centered with a ring support. The liquid is to be poured into the receptacle 30 seconds prior to ignition.

c) Point of Ignition - The probe tips of the igniter are to be placed so that they are above the lip of the pan and not extending into the pan. This results in ignition of the vapors above the liquid.

d) Smoke Profiles - For this test the following conditions apply:

1) Maximum obscuration shall not exceed 36.7 percent per meter (13 percent per foot) [0.199 OD/m (0.061 OD/foot)] at the ceiling alarm location.

~~2) In the United States, maximum obscuration shall not exceed 45.8 percent per meter (17 percent per foot) [0.265 OD/m (0.081 OD/foot)] at either side wall alarm location.~~

~~3~~2) The test shall be terminated 4 minutes after ignition. The response time of each detector shall not be more than 4 minutes.

42 Smoldering smoke test

42.1 Each detector shall operate for continuous (steady or pulsing) alarm when installed as intended in service, and exposed to the controlled smoldering smoke condition specified in 42.3 - 42.10. For a detector whose alarm is identified as nonpulsing, and that emits alarm pulses with the initial entry of smoke, a continuous alarm condition is one which is continuous (nonpulsing) for not less than 5 seconds.

<u>In the United States - Detectors shall also comply with the Smoldering Polyurethane Foam test specified in Annex I.</u>

42.2 Unless specifically indicated otherwise in the detector installation instructions, the detectors shall be installed in the least favorable position for smoke entry with respect to the smoldering smoke source as determined by the Directionality Test, Section 33. Detectors adjusted to the minimum smoke detector sensitivity shall be employed for this test.

<u>In the United States - Detectors shall also comply with the Smoldering Polyurethane Foam test specified in Annex I.</u>

I4.3A Smoke detector and ceiling equipment placement

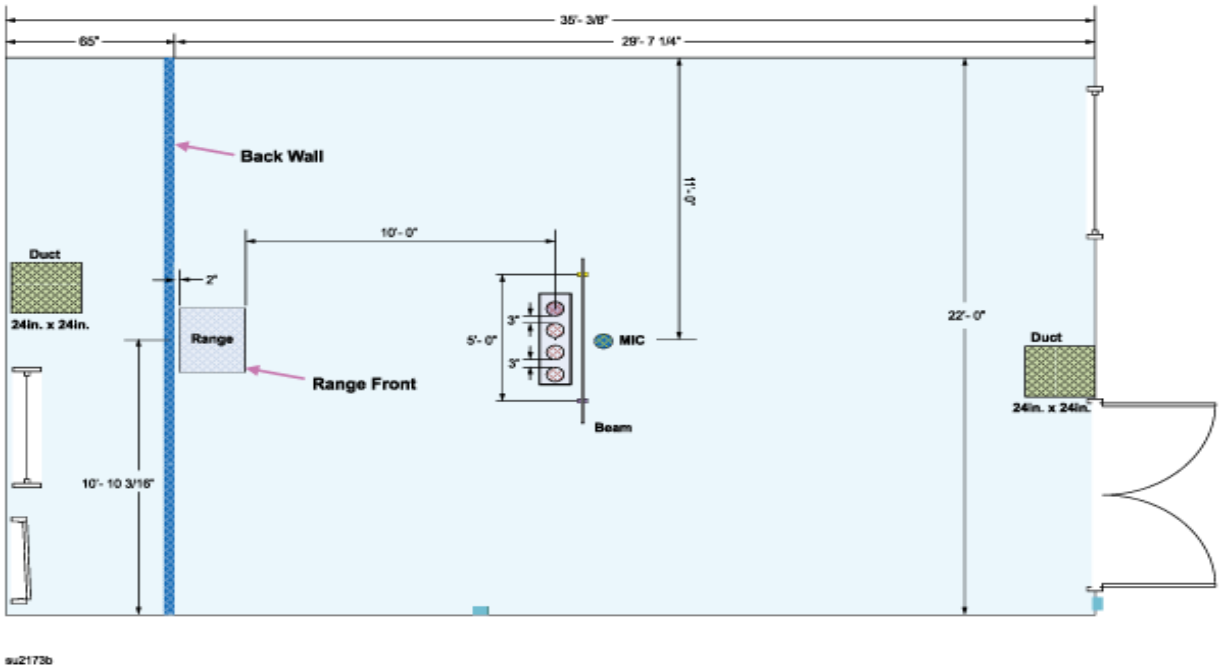
I4.3A.1 Carbon monoxide shall be measured and recorded and shall not exceed the limit specified in I4.4.6.1 when conducting this test. The CO measuring equipment shall either be range selectable by the user or have auto range capability for measuring up to 10 ppm of carbon monoxide. The sample draw for the CO monitor location shall not exceed 3.3 L/min (0.12 ft^3/min)

I4.3A.2 The carbon monoxide sampling tube shall be centered between the 2nd and 3rd smoke detector as illustrated in Figure I4.6. The sample tube shall not be larger than the rated 6.4 mm (1/4 in) O.D. tubing, and shall protrude from the ceiling surface 25.4 ± 3.2 mm (1 ± 0.125 in) into the room from the ceiling surface. Centering of the test samples (detectors) and CO sample tube shall be within ±10% of the specified dimensions illustrated in Figures I4.5 and I4.6.

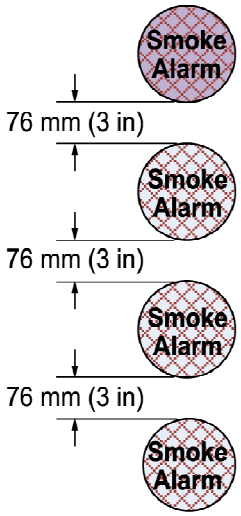
I4.3A.3 Beam and MIC placement shall be located in the 10-foot location as noted in Figure I4.5, with the same Beam and MIC placement as specified in “Figure 13 (United States Only) - Fire Test Room,” items C, D, E and F.

(REVISED)
Figure I4.5
Fire test room electric range and smoke detector placement

(Correction changes one item of room dimenion from 65'-0" to 65")

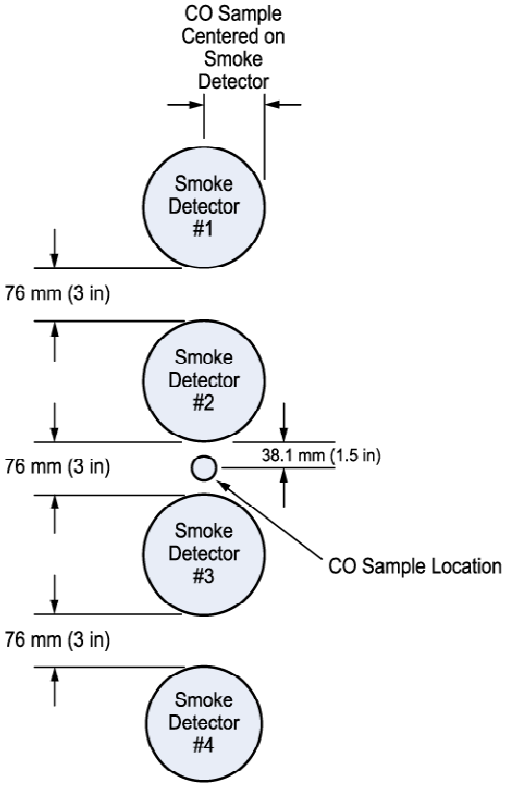


(CURRENT)
Figure I4.6
Smoke detector spacing



su2174a

(REVISED)
Figure I4.6
Smoke detector spacing



su2174b

I4.4.6 Smoke profile criteria

I4.4.6.1 Unless otherwise specified, ~~T~~the development of the combined smoke and carbon monoxide from a broiling hamburger shall be such that the curve of the measured data falls between the upper and lower limits specified in the figures below:

a) Figure I4.1, OBS vs. Time

b) Figure I4.2, MIC vs. Time

c) Figure I4.3, OBS vs. MIC

~~d) Figure I4.4, CO vs. OBS .~~

I4.4.6.2 For Figure I4.4, CO vs. OBS, the curve of the measured data may fall between the upper and lower limits but shall not exceed the upper limit specified in the figure.

BSR/UL 746A, Standard for Polymeric Materials – Short Term Property Evaluations

1. Enhancement of Conformance Criteria in Polymer Variations Program in Section 9.9

PROPOSAL

9.9.2 Table 9.1 indicates the properties that are to be considered leading indicators when evaluating polymer variations. If the results of side-by-side testing based on the test program shown in Table 9.2 demonstrates comparable results (for polymer variations evaluated for use with either the same or a new designation) or better results (for polymer variations only for use under a new designation), then all ratings from the original formulation may be extended to the variation. However, if all tests do not indicate comparable results, then no ratings shall be extended to the variation unless determined through direct testing.

Exception: In cases where testing of a polymer variation shows better results, the material may retain the same designation and be assigned better ratings if both of the following conditions are met:

a) Full side by side testing of all critical properties is conducted in accordance with Program Code C of Table 9.2, and

b) None of the other tested properties are adversely affected.

Results are considered comparable if:

1. The PLC ratings (for the applicable tests) are the same or the test result of the Polymer Variation is within ±10 % of the test result obtained for the original formulation.

2. The UL 94 flammability ratings are the same, and

3. The UL 746B RTI values based on LTTA testing, if applicable, comply with Section 19 of UL 746B for related materials.

Exception: Regarding Item 1, for ~~mechanical properties like~~ Tensile/~~strength~~ Flexural ~~Strength and~~/Impact strength, the test ~~results~~ strength of the Polymer variations ~~are~~ is within ±15% of the test result obtained for the original formulation.

BSR/UL 1069, Standard for Safety for Hospital Signaling and Nurse Call Equipment

1. UL 1069 Fundamentals Update

1.3 ~~Miscellaneous signaling equipment not intended to perform fundamental operation, such as bedside tables, bed exit devices, annunciators, gas monitoring units, and other similar types of equipment may~~ Accessory equipment or devices which are intended to be interfaced with a fundamental NCS to initiate routine calls or supplementary operation and which do not initiate emergency or code call signaling can be evaluated for compliance with applicable requirements described in this standard.

1.4 A minimal fundamental NCS performs the following operations:

a) Call Initiation - Activation of a staff or patient request for assistance via fixed or portable call initiation station,

b) Notification - Call annunciation (audible and visual) at a primary nurse control station,

c) Notification - Call-placed indicator (visual) on the call initiation station,

d) Notification - Call annunciation at a corridor lamp,

e) Notification - Zone annunciation (audible and visual) on a zone lamp, and

f) Call reset/cancellation.

1.5 A fundamental NCS may employ a wireless interface to perform fundamental operations or a supplementary operation such as notification at a redundant portable nurse's station.

(CURRENT)
~~2.1.4 To be able to claim functional compatibility with multiple NCS, pillow speakers, power supplies and signaling equipment intended to power or perform fundamental operation shall be tested with each fundamental NCS with which they are intended to operate.~~

(PROPOSED)
2.1.4 For the purposes of enabling a proprietary communications interface for accessory equipment or devices, the protocol of the fundamental NCS can be uniquely tested as a software device in accordance with 16.1.1.

2.1.5 ~~Miscellaneous signaling equipment shall be marked to identify each fundamental NCS with which the item is compatible. It is permissible for the marking to be described in the manufacturer's installation instructions. The marking~~ When a communications interface is enabled as described in 1.3 and 2.1.4, the NCS installation instructions shall include at least the following:

a) ~~Each NCS~~ The manufacturer's name or private labeler's name, trademark, or other descriptive marking by which ~~the~~ each accessory organization can be identified.

b) Make, model or ~~system~~ identifiable name of each ~~NCS~~ accessory.

c) Any special conditions required for use with each ~~NCS~~ accessory.

2.1.6 Any device or operation which has not been evaluated to the requirements of this standard shall not replace or substitute a fundamental device or operation that was evaluated and tested to the requirements of this standard, except as specified in 16.1.1.

3.1.1 ACCESSORY EQUIPMENT / DEVICES - Non-fundamental equipment or devices which can be connected to or interfaced with a fundamental NCS for the purposes of initiating routine calls or supplementary operation only.

(CURRENT)
~~16.1.1 Unless otherwise indicated, substitution of devices and equipment shall be permitted for the following purposes:~~

~~a) To provide equivalent circuit loading that is characteristic of fundamental NCS equipment or signaling equipment.~~

~~b) To actuate equivalent call events which are characteristic of the fundamental NCS or signaling equipment but which does not replace the protocol or messaging of fundamental call events.~~

~~*Exception: Simulation of fundamental NCS communications protocol and messaging for the purposes of system network loading shall be permitted.*~~

(PROPOSED)
16.1.1 For testing purposes only, simulation of devices and equipment shall be permitted to provide equivalent circuit or network loading that is characteristic of fundamental NCS equipment or accessory signaling equipment.