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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.**
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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](mailto:psa@ansi.org)

\* Standard for consumer products

## Comment Deadline: July 31, 2016

### ASME (American Society of Mechanical Engineers)

#### Revision

BSR/ASME QEI-1-201x, Standard for the Qualification of Elevator Inspectors (revision of ANSI/ASME QEI-1-2013)

This Standard applies to the qualification and duties of inspectors and inspection supervisors engaged in the inspection and testing of equipment to determine compliance with the requirements of ASME A17.1/CSA B44; ASME A17.3; CSA B44.1/ASME A17.5; ASME A18.1 or CSA B355, CSA B311, and ANSI/ASSE A10.4 or CSA Z185.

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Geraldine Burdeshaw, (212) 591-8523, [burdeshawg@asme.org](mailto:burdeshawg@asme.org)

### AWS (American Welding Society)

#### Revision

BSR/AWS D1.5M/D1.5-201x, Bridge Welding Code (revision of ANSI/AWS D1.5M/D1.5-2015)

This code covers the welding requirements for AASHTO welded highway bridges made from carbon and low-alloy constructional steels.

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: [adavis@aws.org](mailto:adavis@aws.org)

### NSF (NSF International)

#### Revision

BSR/NSF 7-201x (i10r5), Commercial Refrigerators and Freezers (revision of ANSI/NSF 7-2014)

This Standard contains requirements for refrigerators and freezers used to store and/or display cold food. The types of refrigerators and freezers covered by this Standard include, but are not limited to: storage refrigerators (e.g., reach-in, under counter, walk-in, roll-in); storage freezers (e.g., reach-in, under counter, walk-in, roll-in); rapid pull-down refrigerators and freezers; refrigerated food transport cabinets; refrigerated buffet units; refrigerated food preparation units; display refrigerators; beverage coolers; and ice cream cabinets.

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

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

### NSF (NSF International)

#### Revision

BSR/NSF 50-201x (i110), 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](mailto:psa@ansi.org)) to: Lauren Panoff, (734) 769-5197, [lpanoff@nsf.org](mailto:lpanoff@nsf.org)

### NSF (NSF International)

#### Revision

BSR/NSF 305-201x (i26r1), Personal Care Products Containing Organic Ingredients (revision of ANSI/NSF 305-2014)

This Standard specifies materials, processes, production criteria, and conditions that shall be met in order for personal care products to make organic label and marketing claims under this Standard. This Standard intends to address products with a minimum organic content of 70% (O70).

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

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

### RESNET (Residential Energy Services Network, Inc.)

#### Addenda

BSR/RESNET/ICC 301-2014 Addendum C-201x, Whole-House Mechanical Ventilation (addenda to ANSI/RESNET 301-2014)

Modification of ANSI/RESNET/ICC 301-2014 criteria for Whole-House Mechanical Ventilation.

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Comments are submitted via RESNET's online comment form. See the links from webpage: <http://www.resnet.us/professional/standards/consensus>

### UL (Underwriters Laboratories, Inc.)

#### Revision

BSR/UL 268A-201x, Standard for Safety for Smoke Detectors for Duct Application (revision of ANSI/UL 268A-2009 (R2014))

Proposal dated 7-1-2016 adds a reference to the Field Services Test in UL 268 for paragraph 53.1.

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

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

## Comment Deadline: August 15, 2016

### AAMI (Association for the Advancement of Medical Instrumentation)

#### New Standard

BSR/AAMI/ISO 19223-201x, Lung ventilators and related equipment - Vocabulary and semantics (new standard)

Establishes a vocabulary of terms and semantics for all fields of respiratory care such as intensive-care ventilation, anaesthesia ventilation, home-care ventilation including sleep apnoea breathing therapy equipment and emergency and transport ventilation. It may be used: in lung ventilator and breathing therapy device standards; in health informatics standards; for labelling on medical electrical equipment and medical electrical systems; in medical electrical equipment and medical electrical systems instructions for use and accompanying documents; for medical electrical equipment and medical electrical systems interoperability; in electronic health records.

Single copy price: Free

Order from: <https://standards.aami.org/kws/public/documents?view=>

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: [celliott@aami.org](mailto:celliott@aami.org)

**ASA (ASC S3) (Acoustical Society of America)****Revision**

BSR ASA S3.7-201x, Method for Measurement and Calibration of Earphones (revision of ANSI ASA S3.7-1995 (R2008))

Describes measurement methods for earphones and earphone transducers using couplers or ear simulators. Guidance is provided for the selection of the appropriate coupler or ear simulator for a given earphone and application. Methods for measurement of calibrated frequency response, input-output linearity, electrical impedance, and non-linear distortion are described.

Single copy price: \$150.00

Obtain an electronic copy from: [asastds@acousticalsociety.org](mailto:asastds@acousticalsociety.org)

Order from: Neil Stremmel, (631) 390-0215, [asastds@acousticalsociety.org](mailto:asastds@acousticalsociety.org)

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

**ASABE (American Society of Agricultural and Biological Engineers)****New National Adoption**

BSR/ANSI/ASABE AD26322-1:2008 MONYEAR, Tractors for agriculture and forestry - Safety - Part 1: Standard tractors (national adoption of ISO 26322 -1:2008 with modifications and revision of ANSI/ASABE/ISO 26322-1-2012)

Specifies general safety requirements and their verification for the design and construction of standard tractors used in agriculture and forestry. These tractors have at least two axles for pneumatic-tired wheels, with the smallest track gauge of the rear axle exceeding 1 150 mm, or tracks instead of wheels, with their unballasted tractor mass being greater than 600 kg.

Single copy price: \$58.00

Obtain an electronic copy from: [vangilder@asabe.org](mailto:vangilder@asabe.org)

Order from: Carla VanGilder, (269) 932-7015, [vangilder@asabe.org](mailto:vangilder@asabe.org)

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

**ASABE (American Society of Agricultural and Biological Engineers)****Withdrawal**

ANSI/ASABE S599-2010 (R2015), Standardized Deployment Performance of an Automatically Deployable ROPS for Turf & Landscape Equipment (withdrawal of ANSI/ASABE S599-2010 (R2015))

The purpose of this standard is to establish the performance requirements of an automatically deployable protective structure for ride-on turf and landscape equipment. This standard specifies design and testing requirements for the installation of automatically deploying roll over protective structures (AD-ROPS).

Single copy price: \$58.00

Obtain an electronic copy from: [vangilder@asabe.org](mailto:vangilder@asabe.org)

Order from: Carla VanGilder, (269) 932-7015, [vangilder@asabe.org](mailto:vangilder@asabe.org)

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

**ASABE (American Society of Agricultural and Biological Engineers)****Withdrawal**

ANSI/ASAE S323.2-1989 (R2015), Definitions of Powered Lawn and Garden Equipment (withdrawal of ANSI/ASAE S323.2-1989 (R2015))

The purpose of this standard is to classify and define various types of machines and terms so that these definitions may be used in future ASABE standards and to aid in clear-cut communications.

Single copy price: \$58.00

Obtain an electronic copy from: [vangilder@asabe.org](mailto:vangilder@asabe.org)

Order from: Carla VanGilder, (269) 932-7015, [vangilder@asabe.org](mailto:vangilder@asabe.org)

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

**ASC X9 (Accredited Standards Committee X9, Incorporated)****New Standard**

BSR X9.129-201x, Electronic File Format Standards for Presentment and Remittance of Legal Orders (new standard)

In today's environment, legal orders are generated in a large number of formats by a variety of different government agencies. These documents are then mailed to the bank for processing. When the bank receives the requests (mail, fax, spreadsheet), the process for fulfilling them is highly manual, which is time consuming and can be prone to errors, and there are limited areas where automation is applied. In most cases, the basic types of information, required for processing, are the same across the different request types. By creating a set of standards for electronic file formats for the different request types, benefits will be realized by both the requester and the receiver through automation of the process.

Single copy price: \$100.00

Obtain an electronic copy from: [Ambria.Frazier@x9.org](mailto:Ambria.Frazier@x9.org)

Order from: Ambria Frazier, [Ambria.Frazier@x9.org](mailto:Ambria.Frazier@x9.org)

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

**AWS (American Welding Society)****Addenda**

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)

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

Single copy price: \$34.00

Obtain an electronic copy from: [jdouglass@aws.org](mailto:jdouglass@aws.org)

Order from: John Douglass, (800) 443-9353, [jdouglass@aws.org](mailto:jdouglass@aws.org)

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

**AWS (American Welding Society)****New Standard**

BSR/AWS A1.1-201X, Metric Practice Guide for the Welding Industry (new standard)

This metric practice guide is based on the International System of Units (SI) as defined in the U.S. Federal Register notice of July 28, 1998, "Metric System of Measurement: Interpretation of the International System of Units for the United States". This guide contains specifications of the SI base units, derived units, prefixes, and rules for their use in AWS documents and by the welding industry. It also contains factors and rules for converting from U.S. customary units to SI units and recommendations to industry for managing the transition.

Single copy price: \$34.00

Obtain an electronic copy from: [steveh@aws.org](mailto:steveh@aws.org)

Order from: Stephen Hedrick, (305) 443-9353, [steveh@aws.org](mailto:steveh@aws.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: [aalonso@aws.org](mailto:aalonso@aws.org)

**AWS (American Welding Society)****Reaffirmation**

BSR/AWS C3.3-2008 (R201x), Recommended Practices for the Design, Manufacture, and Examination of Critical Brazed Components (reaffirmation of ANSI/AWS C3.3-2008)

This standard lists the necessary steps to assure the suitability of brazed components for critical applications. Although such applications vary widely, they have certain common considerations with respect to materials, design, manufacture, and inspection. It is the intent of this document to identify and explain these common considerations and the best techniques for dealing with them. It is beyond the scope of this document to provide specific details on these techniques, which the user must adapt to fit each particular application.

Single copy price: \$34.00

Obtain an electronic copy from: [jdouglass@aws.org](mailto:jdouglass@aws.org)

Order from: John Douglass, (800) 443-9353, [jdouglass@aws.org](mailto:jdouglass@aws.org)

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

**AWS (American Welding Society)****Revision**

BSR/AWS D16.3M/D16.3-201X, Risk Assessment Guide for Robotic Arc Welding (revision of ANSI/AWS D16.3M/D16.3-2008)

The purpose of D16.3M/D16.3:201X, Risk Assessment Guide for Robotic Arc Welding, is to identify and mitigate potential personnel safety hazards associated with robotic arc welding. It is not intended to be a guideline for other industrial robotic applications. This guide is intended for persons performing risk assessment and applies to arc welding robots and robot arc welding systems performing the gas metal arc welding (GMAW) or flux cored arc welding (FCAW) process. Applicable ANSI B11 standards include B11.0, B11.19 and B11.20, et al.

Single copy price: \$60.00

Obtain an electronic copy from: [pportela@aws.org](mailto:pportela@aws.org)

Order from: Peter Portela, (305) 443-9353, [pportela@aws.org](mailto:pportela@aws.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: [adavis@aws.org](mailto:adavis@aws.org)

**CSA (CSA Group)****Revision**

BSR Z21.47-201x, Gas-Fired Central Furnaces (same as CSA 2.3) (revision of ANSI Z21.47-2012)

Details test and examination criteria for automatically operating gas-fired central furnaces for use with natural, manufactured, and mixed gases; LP gases; and LP gas-air mixtures. Central furnaces are designed to supply heated air through ducts to building spaces remote from or adjacent to the appliance location. Central furnaces are intended for installation in residential, commercial, and industrial structures including Direct Vent, Recreational Vehicle, and Outdoor and Manufactured (Mobile) Home.

Single copy price: Free

Obtain an electronic copy from: [cathy.rake@csagroup.org](mailto:cathy.rake@csagroup.org)

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

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

**CTA (Consumer Technology Association)****Reaffirmation**

BSR/CTA 2009-B-2010 (R201x), Receiver Performance Specification for Public Alert Receivers (reaffirmation of ANSI/CTA 2009-B-2010)

This voluntary standard defines minimum performance criteria for consumer electronic products designed to receive SAME alert signals broadcast by the National Oceanic and Atmospheric Administration's Weather Radio network and Environment Canada's Meteorological Services of Canada Radio network. This standard does not apply to receivers not equipped to receive SAME messages (e.g., tone-alert receivers).

Single copy price: \$83.00

Obtain an electronic copy from: [standards@cta.tech](mailto:standards@cta.tech)

Order from: [standards@cta.tech](mailto:standards@cta.tech)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: [standards@cta.tech](mailto:standards@cta.tech)

**CTA (Consumer Technology Association)****Reaffirmation**

BSR/CTA 2009-B-2010 (R201x), Receiver Performance Specification for Public Alert Receivers (reaffirmation of ANSI/CTA 2009-B-2010)

This voluntary standard defines minimum performance criteria for consumer electronic products designed to receive SAME alert signals broadcast by the National Oceanic and Atmospheric Administration's Weather Radio network and Environment Canada's Meteorological Services of Canada Radio network. This standard does not apply to receivers not equipped to receive SAME messages (e.g., tone-alert receivers).

Single copy price: \$83.00

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Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: [standards@cta.tech](mailto:standards@cta.tech)

**ECIA (Electronic Components Industry Association)****New Standard**

BSR/EIA 710-A-201x, Requirements Guide for Space Grade Electrical Connectors (new standard)

This requirements document is applicable to all types of single or multicontact electrical connectors including: circular, rectangular printed circuit, rectangular microminiature, rectangular D-subminiature, rectangular rack and panel, coaxial, and hermetic. This document will be used to determine the minimum requirements for space applications.

Single copy price: \$88.00

Order from: Global Engineering Documents, (800) 854-7179, [www.global.ih.com](http://www.global.ih.com)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: [emikoski@ecianow.org](mailto:emikoski@ecianow.org)

**HI (Hydraulic Institute)****Revision**

BSR/HI 3.6-201x, Rotary Pump Tests (revision of ANSI/HI 3.6-2010)

This standard recognizes four types of performance tests for rotary pumps and provides procedures for conducting and reporting test data.

Single copy price: \$80.00

Obtain an electronic copy from: [tserazi@pumps.org](mailto:tserazi@pumps.org)

Order from: Tori Serazi, (973) 267-9700, [tserazi@pumps.org](mailto:tserazi@pumps.org)

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

**HL7 (Health Level Seven)****New Standard**

BSR/HL7 CDAR2 IG TRAUMAREG R1-201x, HL7 Implementation Guide for CDA Release 2: Trauma Registry Data Submission, Release 1 (new standard)

This guide provides guidance on the reporting of hospital trauma information to a trauma data repository. The scope of this domain is defined by the American College of Surgeons' Committee on Trauma's National Trauma Data Standard and the current ballot is based on the 2012 version.

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: [Karenvan@HL7.org](mailto:Karenvan@HL7.org)

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

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

**HL7 (Health Level Seven)****Reaffirmation**

BSR/HL7 V3 DSR, R2-2011 (R201x), HL7 Version 3 Standard: Drug Stability Reporting (eStability), Release 2 (reaffirmation of ANSI/HL7 V3 DSR, R2-2011)

This standard provides stability data in a standard electronic format so that it may be viewed as it appears on paper or electronic paper by regulatory agencies and industry.

Single copy price: Free to HL7 members and non-members

Obtain an electronic copy from: [Karenvan@HL7.org](mailto:Karenvan@HL7.org)

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

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

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

BSR C136.11-2011 (R201x), Standar for Roadway and Area Lighting Equipment - Multiple Sockets (reaffirmation of ANSI C136.11-2011)

This standard covers medium and mogul multiple sockets as used in luminaires designed and intended for use in lighting roadways and other areas open to general use by the public.

Single copy price: \$40.00

Obtain an electronic copy from: [karen.willis@nema.org](mailto:karen.willis@nema.org)

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

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

**NSF (NSF International)****Reaffirmation**

BSR/NSF 359-201x (i2), Valves for crosslinked polyethylene (PEX) water distribution tubing systems (reaffirmation of ANSI/NSF 359-2011)

This Standard covers components intended for use in residential and commercial, hot and cold, potable water distribution systems; and sealed central heating, including under-floor heating systems. This Standard excludes supply stops and fixture fittings (faucets).

Single copy price: Free

Obtain an electronic copy from: [http://standards.nsf.org/apps/group\\_public/ballot.php?id=3894](http://standards.nsf.org/apps/group_public/ballot.php?id=3894)

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

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

**NSF (NSF International)****Revision**

BSR/NSF 49-201x (i40r2), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2014)

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

Single copy price: Free

Obtain an electronic copy from: [http://standards.nsf.org/apps/group\\_public/download.php/33284/49i40r2%20JC%20memo%20&%20ballot.pdf](http://standards.nsf.org/apps/group_public/download.php/33284/49i40r2%20JC%20memo%20&%20ballot.pdf)

Order from: Allan Rose, (734) 827-3817, [arose@nsf.org](mailto:arose@nsf.org)

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

**SPRI (Single Ply Roofing Institute)****Revision**

BSR/SPRI VF-1-201x, External Fire Design Standard for Vegetative Roof Systems (revision of ANSI/VF-1-201x)

This design standard provides a method for designing external fire resistance for vegetative roofing systems. It is intended to provide a minimum design and installation reference for those individuals who design, specify, and install vegetative roofing systems. It shall be used in conjunction with the installation specifications and requirements of the manufacturer of the specific products used in the vegetative roofing system.

Single copy price: Free

Obtain an electronic copy from: [info@spri.org](mailto:info@spri.org)

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

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

**SPRI (Single Ply Roofing Institute)****Revision**

BSR/SPRI/FM 4435 ES-1-201x, Test Standard for Edge Systems Used With Low Slope Roofing Systems (revision and partition of ANSI/SPRI/FM 4435/ES-1-2011)

The following standard is a reference for those who design, specify, manufacture, test, or install edge materials used with low-slope roofing systems. This Standard prescribes methodology for testing roof edge assemblies, excluding gutters, to evaluate their resistance to wind loads.

Single copy price: Free

Obtain an electronic copy from: [info@spri.org](mailto:info@spri.org)

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

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

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

BSR/UL 9540-201x, Standard for Safety for Energy Storage Systems and Equipment (new standard)

(1) The proposed first edition of the Standard for Energy Storage Systems and Equipment, UL 9540, including applicable requirements for Canada. These requirements cover energy storage systems that are intended to receive electric energy and then to store the energy in some form so that the energy storage system can provide electrical energy to loads or power conversion equipment when needed. The types of energy storage covered under this standard include electrochemical, chemical, mechanical, and thermal.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: [www.comm-2000.com](http://www.comm-2000.com)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Megan VanHeirseele, (847) 664-2881, [Megan.M.VanHeirseele@ul.com](mailto:Megan.M.VanHeirseele@ul.com)

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

BSR/UL 857-2011 (R201x), Standard for Safety for Busways (reaffirmation of ANSI/UL 857-2011a)

The intent of this proposal is to seek reaffirmation of UL 857 as an American National Standard.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

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

BSR/UL 44-201X, Standard for Safety for Thermoset-Insulated Wires and Cables (Proposal dated 7-1-16) (revision of ANSI/UL 44-2014)

Proposed new edition of UL 44.

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](mailto:psa@ansi.org)) to: Ross Wilson, (919) 549-1511, [Ross.Wilson@ul.com](mailto:Ross.Wilson@ul.com)

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

BSR/UL 83-201X, Standard for Safety for Thermoplastic-Insulated Wires and Cables (Proposal dated 7-1-16) (revision of ANSI/UL 83-2014)

Proposed new edition of UL 83.

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](mailto:psa@ansi.org)) to: Ross Wilson, (919) 549-1511, [Ross.Wilson@ul.com](mailto:Ross.Wilson@ul.com)

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

BSR/UL 1123-201X, The Standard for Safety for Marine Buoyant Devices (revision of ANSI/UL 1123 -2011a)

UL 1123 new label proposal.

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](mailto:psa@ansi.org)) to: Betty Holthouser, (919) 549-1896, [betty.c.holthouser@ul.com](mailto:betty.c.holthouser@ul.com)

**VITA (VMEbus International Trade Association (VITA))****Stabilized Maintenance**

BSR/VITA 20-2005 (S201x), Conduction Cooled PMC (stabilized maintenance of ANSI/VITA 20-2005 (R2011))

This standard defines the methodology and implementation details to allow the creation of conduction-cooled PMC modules to ensure electrical and physical compatibility with various host card modules onto which conduction-cooled PMCs are mounted. A revision is proposed that will reduce the possibility of connector fretting.

Single copy price: \$25.00

Obtain an electronic copy from: [admin@vita.com](mailto:admin@vita.com)

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

**Comment Deadline: August 30, 2016****ANS (American Nuclear Society)****New Standard**

BSR/ANS 2.8-201x, Determine External Flood Hazards for Nuclear Facilities (new standard)

This standard addresses necessary external flood conditions, technical parameters, and applicable methodologies required to evaluate/determine external flooding hazards for nuclear facilities.

Single copy price: \$25.00

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

Order from: S. Cook ([scook@ans.org](mailto:scook@ans.org))

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

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

### ***New Standard***

BSR/INCITS 504-3-201x, Information Technology - Generic Identity Command Set - Part 3: GICS Platform Testing Requirements (new standard)

Limited to definition for what testing is required and does not provide technical guidelines on the methodology to be used during the testing and validation of applicable components. Focuses on platform conformance testing of Part 1 and Part 2, and focuses on what needs to be tested to enforce full functionality and interoperability. In particular, instances of brute force, exhaustive, or open-ended negative testing are not specified in the requirements in this standard. There are no test requirements for negative testing to determine abnormal behavior with the exception of interrogating access control rules and elicitation of error codes where possible and appropriate. It is expected that test methods, procedures, and environments will be developed by commercial and/or government entities to be available for developers producing GICS-compliant products.

Single copy price: \$60.00

Obtain an electronic copy from: <http://webstore.ansi.org>

Order from: <http://webstore.ansi.org>

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

# Call for Members (ANS Consensus Bodies)

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

## **AAMI (Association for the Advancement of Medical Instrumentation)**

**Office:** 4301 N Fairfax Drive  
Suite 301  
Arlington, VA 22203-1633

**Contact:** *Hae Choe*

**Phone:** (703) 253-8268

**Fax:** (703) 276-0793

**E-mail:** HChoe@aami.org; customerservice@aami.org

BSR/AAMI/IEC 60601-2-4/A1-201x, Medical electrical equipment - Part 2-4: Particular requirements for the basic safety and essential performance of cardiac defibrillators (addenda to ANSI/AAMI/IEC 60601-2-4-2010 (R2015))

BSR/AAMI/ISO 23500-1-201x, Guidance for the preparation and quality management of fluids for haemodialysis and related therapies - Part 1: General requirements (identical national adoption of ISO 23500-1 and revision of ANSI/AAMI 23500-2014)

BSR/AAMI/ISO 23500-2-201x, Guidance for the preparation and quality management of fluids for haemodialysis and related therapies, Part 2: Water treatment equipment for haemodialysis applications and related therapies (identical national adoption of ISO 23500-2 and revision of ANSI/AAMI 26722:2014)

BSR/AAMI/ISO 23500-3-201x, Guidance for the preparation and quality management of fluids for haemodialysis and related therapies - Part 3: Water for haemodialysis and related therapies (identical national adoption of ISO 23500-3 and revision of ANSI/AAMI 13959:2014)

BSR/AAMI/ISO 23500-4-201x, Guidance for the preparation and quality management of fluids for haemodialysis and related therapies - Part 4: Concentrates for haemodialysis and related therapies (identical national adoption of ISO 23500-4 and revision of ANSI/AAMI 13958-2014)

BSR/AAMI/ISO 23500-5-201x, Guidance for the preparation and quality management of fluids for haemodialysis and related therapies - Part 5: Quality of dialysis fluid for haemodialysis and related therapies (identical national adoption of ISO 23500-5 and revision of ANSI/AAMI 11663-2014)

## **ASA (ASC S3) (Acoustical Society of America)**

**Office:** 1305 Walt Whitman Road Suite 300  
Melville, NY 11747

**Contact:** *Neil Stremmel*

**Phone:** (631) 390-0215

**Fax:** (631) 923-2875

**E-mail:** asastds@acousticalsociety.org

BSR ASA S3.7-201x, Method for Measurement and Calibration of Earphones (revision of ANSI ASA S3.7-1995 (R2008))

Obtain an electronic copy from: [asastds@acousticalsociety.org](mailto:asastds@acousticalsociety.org)

## **ECIA (Electronic Components Industry Association)**

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

**Contact:** *Laura Donohoe*

**Phone:** (571) 323-0294

**Fax:** (571) 323-0245

**E-mail:** [ldonohoe@ecianow.org](mailto:ldonohoe@ecianow.org)

BSR/EIA 364-31E-201x, Humidity Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364-31D-2014)

BSR/EIA 710-A-201x, Requirements Guide for Space Grade Electrical Connectors (new standard)

## **HI (Hydraulic Institute)**

**Office:** 6 Campus Drive  
Parsippany, NJ 07054

**Contact:** *Tori Serazi*

**Phone:** (973) 267-9700

**Fax:** (973) 267-9055

**E-mail:** [tserazi@pumps.org](mailto:tserazi@pumps.org)

BSR/HI 3.6-201x, Rotary Pump Tests (revision of ANSI/HI 3.6-2010)

Obtain an electronic copy from: [tserazi@pumps.org](mailto:tserazi@pumps.org)

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

**Office:** 1101 K Street NW  
Suite 610  
Washington, DC 20005-3922

**Contact:** *Deborah Spittle*

**Phone:** (202) 626-5746

**Fax:** (202) 638-4922

**E-mail:** [comments@itic.org](mailto:comments@itic.org)

BSR/INCITS 504-3-201x, Information Technology - Generic Identity Command Set - Part 3: GICS Platform Testing Requirements (new standard)

Obtain an electronic copy from: <http://webstore.ansi.org>



**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 C136.11-2011 (R201x), Standard for Roadway and Area Lighting Equipment - Multiple Sockets (reaffirmation of ANSI C136.11-2011)

Obtain an electronic copy from: karen.willis@nema.org

**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 50-201x (i110), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2015)

**SI (Simon Institute)**

**Office:** 4760 South Highland Drive #323  
Salt Lake City, UT 84117

**Contact:** Alan Bigger

**Phone:** (801) 983-5263

**E-mail:** alan@simoninstitute.org

BSR/SI 004-201x, Ergonomics for cleaning workers (new standard)

**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 240 om-201x, Consistency (concentration) of pulp suspensions (revision of ANSI/TAPPI T 240 om-2012)

BSR/TAPPI T 262 sp-201x, Preparation of mechanical pulps for testing (revision of ANSI/TAPPI T 262 sp-2012)

**TIA (Telecommunications Industry Association)**

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

**Contact:** Teesha Jenkins

**Phone:** (703) 907-7706

**Fax:** (703) 907-7727

**E-mail:** standards@tiaonline.org

BSR/TIA 569-D-1-201x, Telecommunications Pathways and Spaces: Addendum 1 - Revised Temperature and Humidity Requirements for Telecommunications Spaces (addenda to ANSI/TIA 569-D-2015)

BSR/TIA 569-D-2-201x, Telecommunications Pathways and Spaces: Addendum 2 - Guidelines For Supporting Remote Powering (addenda to ANSI/TIA 569-D-2015)

BSR/TIA 606-C-201x, Administration Standard for Telecommunications Infrastructure (revision and redesignation of ANSI/TIA 606-B-2012)

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

**Office:** 12 Laboratory Drive  
Research Triangle Park, NC 27709-3995

**Contact:** Ross Wilson

**Phone:** (919) 549-1511

**Fax:** (631) 271-6200

**E-mail:** Ross.Wilson@ul.com

BSR/UL 44-201X, Standard for Safety for Thermoset-Insulated Wires and Cables (Proposal dated 7-1-16) (revision of ANSI/UL 44-2014)  
Obtain an electronic copy from: <http://www.comm-2000.com>

BSR/UL 83-201X, Standard for Safety for Thermoplastic-Insulated Wires and Cables (Proposal dated 7-1-16) (revision of ANSI/UL 83-2014)  
Obtain an electronic copy from: <http://www.comm-2000.com>

BSR/UL 857-2011 (R201x), Standard for Safety for Busways (reaffirmation of ANSI/UL 857-2011a)  
Obtain an electronic copy from: <http://www.comm-2000.com>

**VITA (VMEbus International Trade Association (VITA))**

**Office:** 929 W. Portobello Avenue  
Mesa, AZ 85210

**Contact:** Jing Kwok

**Phone:** (602) 281-4497

**E-mail:** jing.kwok@vita.com

BSR/VITA 20-2005 (S201x), Conduction Cooled PMC (stabilized maintenance of ANSI/VITA 20-2005 (R2011))  
Obtain an electronic copy from: [admin@vita.com](mailto:admin@vita.com)

## **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](mailto: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.

## **AISC (American Institute of Steel Construction)**

### ***New Standard***

ANSI/AISC 303-2016, Code of Standard Practice for Steel Buildings and Bridges (new standard): 6/15/2016

## **ANS (American Nuclear Society)**

### ***Reaffirmation***

- \* ANSI/ANS 2.27-2008 (R2016), Criteria for Investigations of Nuclear Facility Sites for Seismic Hazard Assessments (reaffirmation of ANSI/ANS 2.27-2008): 6/15/2016

## **ASA (ASC S12) (Acoustical Society of America)**

### ***Revision***

ANSI/ASA S12.6-2016, Methods for Measuring the Real-Ear Attenuation of Hearing Protectors (revision of ANSI/ASA S12.6-2008): 6/16/2016

## **ASA (ASC S2) (Acoustical Society of America)**

### ***Reaffirmation***

ANSI/ASA S2.2-1959 (R2016), Methods for the Calibration of Shock and Vibration Pickups (reaffirmation of ANSI/ASA S2.2-1959 (R2011)): 6/16/2016

ANSI/ASA S2.16-1997 (R2016), Vibratory Noise Measurements and Acceptance Requirements for Shipboard Equipment (reaffirmation of ANSI/ASA S2.16-1997 (R2011)): 6/16/2016

ANSI/ASA S2.26-2001 (R2016), Vibration Testing Requirements and Acceptance Criteria for Shipboard Equipment (reaffirmation of ANSI/ASA S2.26-2001 (R2011)): 6/16/2016

ANSI/ASA S2.70-2006 (R2016), Guide for the Measurement and Evaluation of Human Exposure to Vibration Transmitted to the Hand (reaffirmation of ANSI/ASA S2.70-2006 (R2011)): 6/17/2016

## **ASME (American Society of Mechanical Engineers)**

### ***Reaffirmation***

ANSI/ASME B1.16M-1984 (R2016), Gages and Gaging for Metric M Screw Threads (reaffirmation of ANSI/ASME B1.16M-1984 (R2011)): 6/17/2016

ANSI/ASME B1.22M-1985 (R2016), Gages and Gaging for MJ Series Metric Screw Threads (reaffirmation of ANSI/ASME B1.22M-1985 (R2011)): 6/17/2016

### ***Revision***

ANSI/ASME NUM-1-2016, Rules for Construction of Cranes, Monorails, and Hoists (with Bridge or Trolley or Hoist of the Underhung Type) (revision of ANSI/ASME NUM-1-2009): 6/16/2016

### ***Withdrawal***

- \* ANSI/ASME N509-2002, Nuclear Power Plant Air-Cleaning Units and Components (withdrawal of ANSI/ASME N509-2002 (R2008)): 6/15/2016

## **AWS (American Welding Society)**

### ***Revision***

ANSI/AWS B4.0-2016, Standard Methods for Mechanical Testing of Welds (revision of ANSI/AWS B4.0M-2007 (R2010)): 6/17/2016

## **AWWA (American Water Works Association)**

### ***Revision***

ANSI/AWWA C104/A21.4-2016, Cement-Mortar Lining for Ductile-Iron Pipe and Fittings (revision of ANSI/AWWA C104/A21.4-2013): 6/17/2016

## **CAPA (Certified Automotive Parts Association)**

### ***Reaffirmation***

ANSI/CAPA 201-001-2011 (R2016), Standard Test Method for Full Part Dimensional Stability Testing of Automotive Replacement Bumper Covers (reaffirmation of ANSI/CAPA 201-001-2011): 6/14/2016

## **CSA (CSA Group)**

### ***Revision***

- \* ANSI Z83.18-2016, Non-Recirculating Direct Gas-Fired Heating and Forced Ventilation Appliances for Commercial and Industrial Application (revision of ANSI Z83.18-2015): 6/14/2016
- \* ANSI Z83.25 (CSA3.19)-2016, Direct Gas-Fired Process Air Heaters (revision of ANSI Z83.25-2015): 6/14/2016

## **ECIA (Electronic Components Industry Association)**

### ***New Standard***

ANSI/EIA 364-118-2016, Thermal Shock for Hermetic Electrical Connectors and Sockets (new standard): 6/15/2016

## **HL7 (Health Level Seven)**

### ***Revision***

ANSI/HL7 CDAR2L3IG EMSRUNRPT, R2-2016, HL7 Version 3 Implementation Guide for CDA Release 2 - Level 3: Emergency Medical Services; Patient Care Report, Release 2 - US REALM (revision of ANSI/HL7 CDAR2L3IG EMSRUNRPT, R1-2014): 6/15/2016

## **NSF (NSF International)**

### ***New Standard***

- \* ANSI/NSF 358-3-2016 (i1r2), Cross-Linked Polyethylene (PEX) Pipe and Fittings for Water-Based Ground-Source (Geothermal) Heat Pump Systems (new standard): 6/9/2016

### ***Revision***

ANSI/NSF 61-2016 (i131r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2015): 6/12/2016

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

### ***Revision***

ANSI/SCTE 46-2014, Test Method for AC to DC Outdoor Power Supplies (revision of ANSI/SCTE 46-2007): 6/15/2016

ANSI/SCTE 130-6-2013, Digital Program Insertion-Advertising Systems Interfaces - Part 6: Subscriber Information Service (SIS) (revision of ANSI/SCTE 130-6-2010): 6/15/2016

ANSI/SCTE 130-8-2013, Digital Program Insertion-Advertising Systems Interfaces - Part 8: General Information Service (GIS) (revision of ANSI/SCTE 130-8-2012): 6/15/2016

## **TIA (Telecommunications Industry Association)**

### **Reaffirmation**

ANSI/TIA 777-A-2003 (R2016), Telecommunications - Telephone Terminal Equipment - Caller Identity and Visual Message Waiting Indicator Equipment Performance Requirements (reaffirmation of ANSI/TIA 777-A-2003 (R2011)): 6/14/2016

ANSI/TIA 855-A-2011 (R2016), Telecommunications - Telephone Terminal Equipment - Stutter Dial Tone Detection Device - Performance Requirements (reaffirmation of ANSI/TIA 855-A-2011): 6/14/2016

### **Revision**

ANSI/TIA 470.210-F-2016, Telecommunications - Telephone Terminal Equipment - Resistance and Impedance Performance Requirements for Analog Telephones (revision and redesignation of ANSI/TIA 470.210-E-2013): 6/16/2016

ANSI/TIA 470.220-E-2016, Telecommunications - Telephone Terminal Equipment - Alert Acoustic Output Performance Requirements for Analog Telephones (revision and redesignation of ANSI/TIA 470.220-D-2014): 6/17/2016

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

### **Revision**

ANSI/UL 471-2016, Standard for Commercial Refrigerators and Freezers (revision of ANSI/UL 471-2014): 6/16/2016

ANSI/UL 498A-2016, Standard for Safety for Current Taps and Adapters (Proposal dated 11-27-15) (revision of ANSI/UL 498A-2015): 6/10/2016

ANSI/UL 498A-2016a, Standard for Safety for Current Taps and Adapters (Proposal dated 4-15-16) (revision of ANSI/UL 498A-2015): 6/10/2016

ANSI/UL 651-2016, Standard for Safety for Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings (revision of ANSI/UL 651-2014): 6/15/2016

ANSI/UL 2580-2016, Standard for Batteries for Use In Electric Vehicles (revision of ANSI/UL 2580-2013): 6/17/2016

ANSI/UL 2580-2016a, Standard for Batteries for Use In Electric Vehicles (revision of ANSI/UL 2580-2013):

# Project Initiation Notification System (PINS)

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

Following is a list of proposed actions and new ANS that have been received recently from ASDs. Please also review the section in Standards Action entitled "American National Standards Maintained Under Continuous Maintenance" for additional or comparable information with regard to standards maintained under the continuous maintenance option. To view information about additional standards for which a PINS has been submitted and to search approved ANS, please visit [www.NSSN.org](http://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.

## **AAMI (Association for the Advancement of Medical Instrumentation)**

**Office:** 4301 N. Fairfax Dr., Ste 301  
Suite 301  
Arlington, VA 22203-1633

**Contact:** *Cliff Bernier*

**Fax:** (703) 276-0793

**E-mail:** [cbernier@aami.org](mailto:cbernier@aami.org)

BSR/AAMI/ISO 23500-1-201x, Guidance for the preparation and quality management of fluids for haemodialysis and related therapies - Part 1: General requirements (identical national adoption of ISO 23500-1 and revision of ANSI/AAMI 23500-2014)

Stakeholders: Dialysis providers, users, and manufacturers.

Project Need: Update of guidance for the preparation and quality management of fluids for hemodialysis and related therapies.

Provides dialysis practitioners with guidance on the preparation of dialysis fluid for haemodialysis and related therapies and substitution fluid for use in online therapies, such as haemodiafiltration and haemofiltration.

BSR/AAMI/ISO 23500-2-201x, Guidance for the preparation and quality management of fluids for haemodialysis and related therapies. Part 2: Water treatment equipment for haemodialysis applications and related therapies (identical national adoption of ISO 23500-2 and revision of ANSI/AAMI 26722:2014)

Stakeholders: Dialysis manufacturers, providers, and users.

Project Need: Update of requirements for dialysis water treatment equipment.

Addressed to the manufacturer and/or supplier of water treatment systems and/or devices used for the express purpose of providing water for haemodialysis or related therapies.

BSR/AAMI/ISO 23500-3-201x, Guidance for the preparation and quality management of fluids for haemodialysis and related therapies - Part 3: Water for haemodialysis and related therapies (identical national adoption of ISO 23500-3 and revision of BSR/AAMI/ISO 23500-2-201x)

Stakeholders: Dialysis providers, users, and manufacturers.

Project Need: Update of requirements for water for hemodialysis and related therapies.

Specifies minimum requirements for water to be used in haemodialysis and related therapies. Includes water to be used in the preparation of concentrates, dialysis fluids for haemodialysis, haemodiafiltration and haemofiltration, and for the reprocessing of haemodialysers.

BSR/AAMI/ISO 23500-4-201x, Guidance for the preparation and quality management of fluids for haemodialysis and related therapies - Part 4: Concentrates for haemodialysis and related therapies (identical national adoption of ISO 23500-4 and revision of ANSI/AAMI 13958-2014)

Stakeholders: Manufacturers, providers, and users of concentrates for haemodialysis.

Project Need: Update of requirements for concentrates for haemodialysis and related therapies.

Specifies minimum requirements for concentrates used for haemodialysis and related therapies. For the purposes of this Standard, "concentrates" are a mixture of chemicals and water, or chemicals in the form of dry powder or other highly concentrated media, that are delivered to the end user to make dialysis fluid used to perform haemodialysis and related therapies. This Standard is addressed to the manufacturer of such concentrates. In several instances in this Standard, it became necessary to address the dialysis fluid, which is made by the end user, to help clarify the requirements for manufacturing concentrates.

BSR/AAMI/ISO 23500-5-201x, Guidance for the preparation and quality management of fluids for haemodialysis and related therapies - Part 5: Quality of dialysis fluid for haemodialysis and related therapies (identical national adoption of ISO 23500-5 and revision of ANSI/AAMI 11663-2014)

Stakeholders: Manufacturers, providers, and users of dialysis fluid.

Project Need: Update of requirements for dialysis fluid.

Specifies minimum-quality requirements for dialysis fluids used in haemodialysis and related therapies. Includes dialysis fluids used for haemodialysis and haemodiafiltration, including substitution fluid for haemodiafiltration and haemofiltration.

## **AAMI (Association for the Advancement of Medical Instrumentation)**

**Office:** 4301 N Fairfax Drive  
Suite 301  
Arlington, VA 22203-1633

**Contact:** *Hae Choe*

**Fax:** (703) 276-0793

**E-mail:** [HChoe@aami.org](mailto:HChoe@aami.org); [customerservice@aami.org](mailto:customerservice@aami.org)

BSR/AAMI/IEC 60601-2-4/A1-201x, Medical electrical equipment - Part 2-4: Particular requirements for the basic safety and essential performance of cardiac defibrillators (addenda to ANSI/AAMI/IEC 60601-2-4-2010 (R2015))

Stakeholders: Manufacturers and users of cardiac defibrillator equipment.

Project Need: Proposed amendment to an IEC standard.

This standard applies to most of the defibrillators but not implantable, remote-control, or separate stand-alone cardiac monitors. This amendment updates the scope, references, terms, and definitions, as well as some of the requirements in the standard.

**ABMA (ASC B3) (American Bearing Manufacturers Association)**

**Office:** 2025 M Street, NW  
Suite 800  
Washington, DC 20036-3309

**Contact:** James Converse

**Fax:** (919) 827-4587

**E-mail:** jconverse@americanbearings.org; jconverse1@nc.rr.com

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

Stakeholders: U.S. bearing manufacturers and users.

Project Need: To reinstate a previously withdrawn standard.

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

**CSA (CSA Group)**

**Office:** 8501 East Pleasant Valley Rd.  
Cleveland, OH 44131

**Contact:** Cathy Rake

**Fax:** (216) 520-8979

**E-mail:** cathy.rake@csagroup.org

- \* BSR Z21.58-201x, Outdoor Cooking Gas Appliances (same as CSA 1.6-201x) (revision of ANSI Z21.58-2015)

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

Project Need: Revise standard for safety.

Details test and examination criteria for portable or post-mounted outdoor cooking gas appliances having top or surface units or broilers units or combinations thereof which are (1) for use with natural gas, manufactured gas, mixed gas, liquefied petroleum gases, or LP gas-air mixtures on a fixed fuel piping systems; or (2) for connection to a self-contained liquefied petroleum gas supply system.

- \* BSR Z21.88-201x, Standard for Vented Gas Fireplace Heaters (same as CSA 2.33) (revision of ANSI Z21.88-2014)

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

Project Need: Revise standard for safety.

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

**ECIA (Electronic Components Industry Association)**

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

**Contact:** Laura Donohoe

**Fax:** (571) 323-0245

**E-mail:** ldonohoe@ecianow.org

BSR/EIA 364-31E-201x, Humidity Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364-31D-2014)

Stakeholders: Electronics, electrical and telecommunications industries.

Project Need: Revise and redesignate current American National Standard.

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

**HIBCC (Health Industry Business Communications Council)**

**Office:** 2525 E. Arizona Biltmore Circle Ste. 127  
Phoenix, AZ 85016

**Contact:** Allison Mehr

**E-mail:** allisonmehr@hibcc.org

BSR/HIBC 2.6-201x, The Health Industry Bar Code Supplier Labeling Standard (revision and redesignation of ANSI/HIBC 2.5-2015)

Stakeholders: Medical device manufacturers, pharmaceutical manufacturers, re-packagers, distributors, technology providers, health care providers, regulatory bodies, patients.

Project Need: The current ANSI/HIBC 2.5 constitutes a guideline for the usage of Bar Code Technology, consistent with clause 4.4.1 (Period maintenance of American National Standards), of the ANSI Procedures for the Development and Coordination of American National Standards, HIBC 2.5 is being reaffirmed and revised to introduce new data elements as required by industry stakeholders.

This American National Standard:

- Specifies the minimum requirements and optional structures for the machine-readable identification for health industry product;
- Provides guidance for the formatting and placement of data presented in linear bar code, two-dimensional symbol, or human readable form; and
- Makes recommendations as to label placement, size, material, and the inclusion of free text and any appropriate graphics.

**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 HQMF, R1-200x, HL7 Version 3 Standard: Representation of the Health Quality Measures Format (eMeasure), Release 1 (new standard)

Stakeholders: Clinical and public health laboratories, quality reporting agencies, regulatory agency, payors.

Project Need: There is a desire from the Clinical Quality Improvement (CQI) community to have a single family of standards that support both Clinical Quality Measures (CQM) and Clinical Decision Support (CDS).

The Health Quality Measures Format (HQMF) formally defines a quality measure (data elements, logic, definitions, etc.) to support consistent and unambiguous interpretation. Quality measures encoded in the HQMF format are referred to as "eMeasures". Quality measure developers can encode their measures in this format so that they can be consumed by provider organizations, who will then be able to use the formal definitions to, for instance, query their EHR data stores.

**NEMA (ASC Z535) (National Electrical Manufacturers Association)**

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

**Contact:** Vincent Baclawski

**Fax:** (703) 841-3399

**E-mail:** vin\_baclawski@nema.org

- \* BSR Z535.3-201x, Organizations developing and using safety symbols for safety communication (revision of ANSI Z535.3-2011)

Stakeholders: Organizations developing and using safety symbols for safety communication

Project Need: Periodic review of ANSI Z535.3

This standard provides general criteria for the design, evaluation, and use of safety symbols to identify and warn against specific hazards, and to provide information to avoid personal injury.

**SI (Simon Institute)**

**Office:** 4760 South Highland Drive #323  
Salt Lake City, UT 84117

**Contact:** Alan Bigger

**E-mail:** alan@simoninstitute.org

BSR/SI 004-201x, Ergonomics for cleaning workers (new standard)

Stakeholders: Janitorial/cleaning operations (manufacturing, government, military, able and disabled workers, industrial facilities); custodial operations (universities, schools K-12, private schools and colleges, museums, libraries, churches, public buildings); housekeeping operations (healthcare, hospitality, childcare); building owners and managers; contract cleaning operations; cleaning equipment and supplies manufacturers, facility safety, environmental safety and medical operations; safety regulators.

Project Need: There are over 2 million employees in the cleaning profession and, according to the U.S. Government, this is the 5th highest occupational group for injuries on the job. This standard will establish ergonomic attributes for tasks, equipment, and procedures to minimize injuries to employees, thus saving the employee and employer alike the personal and work-related costs of injuries.

Cleaning workers are subjected to injuries at a greater rate than most occupations. This standard will lay a framework and benchmarks for tasks, procedures, equipment, and supplies in order to minimize injuries and to provide ergonomic standards to these areas. There needs to be clear ergonomic standards established since there are no established ergonomic and safety standards for this industry.

**TAPPI (Technical Association of the Pulp and Paper Industry)**

**Office:** 15 Technology Parkway South  
Peachtree Corners, GA 30092

**Contact:** Laurence Womack

**Fax:** (770) 446-6947

**E-mail:** standards@tappi.org

BSR/TAPPI T 240 om-201x, Consistency (concentration) of pulp suspensions (revision of ANSI/TAPPI T 240 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 describes the measurement of pulp consistency (concentration) of aqueous fiber suspensions.

BSR/TAPPI T 262 sp-201x, Preparation of mechanical pulps for testing (revision of ANSI/TAPPI T 262 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 practice describes a procedure for the preparation of mechanical pulps prior to physical testing.

**TIA (Telecommunications Industry Association)**

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

**Contact:** Teesha Jenkins

**Fax:** (703) 907-7727

**E-mail:** standards@tiaonline.org

BSR/TIA 569-D-1-201x, Telecommunications Pathways and Spaces: Addendum 1 - Revised Temperature and Humidity Requirements for Telecommunications Spaces (addenda to ANSI/TIA 569-D-2015)

Stakeholders: Building owners; architects; engineers; consultants; installers; tenants; manufacturers.

Project Need: Provides updates for an existing standard.

This Addendum specifies new temperature and humidity requirements and recommendations for telecommunications spaces to harmonize with the ASHRAE Thermal Guidelines for Data Processing Environments, 4th Edition published in 2015.

BSR/TIA 569-D-2-201x, Telecommunications Pathways and Spaces: Addendum 2 - Guidelines For Supporting Remote Powering (addenda to ANSI/TIA 569-D-2015)

Stakeholders: Building owner; architect; consultant; MEP (Mechanical, Electrical, Plumbing) engineering firm; contractor; installer.

Project Need: Provides updates for an existing standard.

This Addendum provides guidelines for pathways supporting cabling used for remote power delivery in addition to supporting data transmission.

BSR/TIA 606-C-201x, Administration Standard for Telecommunications Infrastructure (revision and redesignation of ANSI/TIA 606-B-2012)

Stakeholders: Cabling system designers, installers, consultants, architects, manufacturers, cabling systems owners, facilities management organizations, contractors.

Project Need: Provides updates for an existing standard.

This Standard specifies administration systems for telecommunications infrastructure within buildings (including commercial, industrial, residential, and data center premises) and between buildings. This infrastructure may range in size from a building requiring a single telecommunications space (TS) and associated elements, to many TSs and associated elements in multiple campus locations. This Standard applies to administration of telecommunications infrastructure in existing, renovated, and new buildings.

# 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](http://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](http://www.ansi.org/publicreview).

Alternatively, you may contact the Procedures & Standards Administration department (PSA) at [psa@ansi.org](mailto: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](mailto:standact@ansi.org).

<p><b>AAMI</b> Association for the Advancement of Medical Instrumentation 4301 N Fairfax Drive Suite 301 Arlington, VA 22203-1633 Phone: (703) 253-8268 Fax: (703) 276-0793 Web: <a href="http://www.aami.org">www.aami.org</a></p>	<p><b>ASABE</b> American Society of Agricultural and Biological Engineers 2950 Niles Road St Joseph, MI 49085 Phone: (269) 932-7015 Fax: (269) 429-3852 Web: <a href="http://www.asabe.org">www.asabe.org</a></p>	<p><b>CTA</b> Consumer Technology Association 1919 South Eads Street Arlington, VA 22202 Phone: (703) 907-7697 Fax: (703) 907-4197 Web: <a href="http://www.ce.org">www.ce.org</a></p>	<p><b>NEMA (ASC C136)</b> National Electrical Manufacturers Association 1300 North 17th Street Suite 900 Rosslyn, VA 22209 Phone: (703) 841-3277 Fax: (703) 841-3378 Web: <a href="http://www.nema.org">www.nema.org</a></p>
<p><b>ABMA (ASC B3)</b> American Bearing Manufacturers Association 2025 M Street, NW Suite 800 Washington, DC 20036-3309 Phone: (919) 481-2852 Fax: (919) 827-4587 Web: <a href="http://www.americanbearings.org">www.americanbearings.org</a></p>	<p><b>ASC X9</b> Accredited Standards Committee X9, Incorporated 275 West Street Suite 107 Annapolis, MD 21401 Phone: (410) 267-7707 Web: <a href="http://www.x9.org">www.x9.org</a></p>	<p><b>ECIA</b> Electronic Components Industry Association 2214 Rock Hill Road Suite 265 Herndon, VA 20170-4212 Phone: (571) 323-0294 Fax: (571) 323-0245 Web: <a href="http://www.ecianow.org">www.ecianow.org</a></p>	<p><b>NEMA (ASC Z535)</b> National Electrical Manufacturers Association 1300 North 17th Street Suite 900 Rosslyn, VA 22209 Phone: (703) 841-3236 Fax: (703) 841-3399 Web: <a href="http://www.nema.org">www.nema.org</a></p>
<p><b>AISC</b> American Institute of Steel Construction One East Wacker Drive Suite 700 Chicago, IL 60601 Phone: (312) 670-5410 Fax: (312) 986-9022 Web: <a href="http://www.aisc.org">www.aisc.org</a></p>	<p><b>ASME</b> American Society of Mechanical Engineers Two Park Avenue New York, NY 10016 Phone: (212) 591-8521 Fax: (212) 591-8501 Web: <a href="http://www.asme.org">www.asme.org</a></p>	<p><b>HI</b> Hydraulic Institute 6 Campus Drive Parsippany, NJ 07054 Phone: (973) 267-9700 Fax: (973) 267-9055 Web: <a href="http://www.pumps.org">www.pumps.org</a></p>	<p><b>NSF</b> NSF International 789 N. Dixboro Road Ann Arbor, MI 48105-9723 Phone: (734) 769-5197 Web: <a href="http://www.nsf.org">www.nsf.org</a></p>
<p><b>ANS</b> American Nuclear Society 555 North Kensington Avenue La Grange Park, IL 60526 Phone: (708) 579-8268 Fax: (708) 579-8248 Web: <a href="http://www.ans.org">www.ans.org</a></p>	<p><b>AWS</b> American Welding Society 8669 NW 36th Street #130 Miami, FL 33166 Phone: (800) 443-9353 Web: <a href="http://www.aws.org">www.aws.org</a></p>	<p><b>HIBCC</b> Health Industry Business Communications Council 2525 E. Arizona Biltmore Circle Ste. 127 Phoenix, AZ 85016 Phone: (602) 381-1091 ext. 101 Web: <a href="http://www.hibcc.org">www.hibcc.org</a></p>	<p><b>RESNET</b> Residential Energy Services Network, Inc. 4867 Patina Court Oceanside, CA 92057 Phone: (760) 408-5860 Fax: (760) 806-9449 Web: <a href="http://www.resnet.us.com">www.resnet.us.com</a></p>
<p><b>ASA (ASC S12)</b> Acoustical Society of America 1305 Walt Whitman Rd Suite 300 Melville, NY 11747 Phone: (631) 390-0215 Fax: (631) 923-2875 Web: <a href="http://www.acousticalsociety.org">www.acousticalsociety.org</a></p>	<p><b>AWWA</b> American Water Works Association 6666 W. Quincy Ave. Denver, CO 80235 Phone: (303) 347-6178 Fax: (303) 795-7603 Web: <a href="http://www.awwa.org">www.awwa.org</a></p>	<p><b>HL7</b> Health Level Seven 3300 Washtenaw Avenue Suite 227 Ann Arbor, MI 48104 Phone: (734) 677-7777 Fax: (734) 677-6622 Web: <a href="http://www.hl7.org">www.hl7.org</a></p>	<p><b>SCTE</b> Society of Cable Telecommunications Engineers 140 Philips Road Exton, PA 19341-1318 Phone: (480) 252-2330 Fax: (610) 363-5898 Web: <a href="http://www.scte.org">www.scte.org</a></p>
<p><b>ASA (ASC S2)</b> Acoustical Society of America 1305 Walt Whitman Road Suite 300 Melville, NY 11747 Phone: (631) 390-0215 Fax: (631) 923-2875 Web: <a href="http://www.acousticalsociety.org">www.acousticalsociety.org</a></p>	<p><b>CAPA</b> Certified Automotive Parts Association 1000 Vermont Avenue N.W. Suite 1010 Washington, DC 20005 Phone: (202) 737-2212 Fax: (202) 737-2214 Web: <a href="http://www.CAPACertified.org">www.CAPACertified.org</a></p>	<p><b>ITI (INCITS)</b> InterNational Committee for Information Technology Standards 1101 K Street NW Suite 610 Washington, DC 20005-3922 Phone: (202) 626-5746 Fax: (202) 638-4922 Web: <a href="http://www.incits.org">www.incits.org</a></p>	<p><b>SI</b> Simon Institute 4760 South Highland Drive #323 Salt Lake City, UT 84117 Phone: (801) 983-5263 Web: <a href="http://www.simoninstitute.org">www.simoninstitute.org</a></p>
<p><b>ASA (ASC S3)</b> Acoustical Society of America 1305 Walt Whitman Road Suite 300 Melville, NY 11747 Phone: (631) 390-0215 Fax: (631) 923-2875 Web: <a href="http://www.acousticalsociety.org">www.acousticalsociety.org</a></p>	<p><b>CSA</b> CSA Group 8501 East Pleasant Valley Rd. Cleveland, OH 44131 Phone: (216) 524-4990 x88321 Fax: (216) 520-8979 Web: <a href="http://www.csa-america.org">www.csa-america.org</a></p>	<p><b>SPRI</b> Single Ply Roofing Institute 411 Waverley Oaks Road Suite 331B Waltham, MA 02452 Phone: (781) 647-7026 Fax: (781) 647-7222 Web: <a href="http://www.spri.org">www.spri.org</a></p>	

**TAPPI**

Technical Association of the Pulp and  
Paper Industry

15 Technology Parkway South  
Peachtree Corners, GA 30092  
Phone: (770) 209-7276  
Fax: (770) 446-6947  
Web: [www.tappi.org](http://www.tappi.org)

**TIA**

Telecommunications Industry  
Association

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

**UL**

Underwriters Laboratories, Inc.

333 Pfingsten Road  
Northbrook, IL 60062-2096  
Phone: (847) 664-2881  
Fax: (847) 664-2881  
Web: [www.ul.com](http://www.ul.com)

**VITA**

VMEbus International Trade  
Association (VITA)

929 W. Portobello Avenue  
Mesa, AZ 85210  
Phone: (602) 281-4497  
Web: [www.vita.com](http://www.vita.com)



# ISO & IEC Draft International Standards

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

## Comments

Comments regarding ISO documents should be sent to ANSI's ISO Team (isot@ansi.org); 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

### **AIR QUALITY (TC 146)**

ISO/DIS 19087, Workplace air - Analysis of respirable crystalline silica by Fourier-Transform Infrared spectroscopy - 9/14/2016, \$88.00

### **AIRCRAFT AND SPACE VEHICLES (TC 20)**

ISO/DIS 19683, Space systems - Design qualification and acceptance tests of small spacecraft and units - 9/16/2016, \$146.00

### **BUILDING ENVIRONMENT DESIGN (TC 205)**

ISO/DIS 17800, Facility smart grid information model - 9/8/2016, \$311.00

ISO/DIS 16484-2, Building automation and control systems (BACS) - Part 2: Hardware - 7/16/2016, \$134.00

### **EQUIPMENT FOR FIRE PROTECTION AND FIRE FIGHTING (TC 21)**

ISO/DIS 7240-18, Fire detection and alarm systems - Part 18: Input/output devices - 7/14/2016, \$71.00

ISO/DIS 7240-22, Fire detection and alarm systems - Part 22: Smoke-detection equipment for ducts - 7/16/2016, \$112.00

### **FASTENERS (TC 2)**

ISO/DIS 10683, Fasteners - Non-electrolytically applied zinc flake coatings - 7/14/2016, \$98.00

### **HYDROGEN ENERGY TECHNOLOGIES (TC 197)**

ISO/DIS 19880-3, Gaseous hydrogen - Fueling stations - Part 3: Valves - 7/16/2016, \$93.00

### **MACHINE TOOLS (TC 39)**

ISO/DIS 19085-6, Woodworking machines - Safety - Part 6: Single spindle vertical moulding machines (toupies) - 9/16/2016, \$134.00

### **MEASUREMENT OF FLUID FLOW IN CLOSED CONDUITS (TC 30)**

ISO/DIS 12764, Measurement of fluid flow in closed conduits - Flowrate measurement by means of vortex shedding flowmeters inserted in circular cross-section conduits running full - 7/17/2016, \$82.00

### **MECHANICAL VIBRATION AND SHOCK (TC 108)**

ISO/DIS 16063-45, Methods for the calibration of vibration and shock transducers - Part 45: In-situ calibration of transducers with built in calibration coil - 7/15/2016, \$62.00

### **NICKEL AND NICKEL ALLOYS (TC 155)**

ISO/DIS 6283, Refined nickel - 9/15/2016, \$33.00

### **PAINTS AND VARNISHES (TC 35)**

ISO/DIS 6270-2, Paints and varnishes - Determination of resistance to humidity - Part 2: Condensation (in-cabinet exposure) - 9/3/2016, \$46.00

### **PLASTICS (TC 61)**

ISO 472/DAmD1, Plastics - Vocabulary - Amendment 1 - 7/15/2016, \$53.00

ISO/DIS 9370, Plastics - Instrumental determination of radiant exposure in weathering tests - General guidance and basic test method - 7/14/2016, \$77.00

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

ISO/DIS 11413, Plastics pipes and fittings - Preparation of test piece assemblies between a polyethylene (PE) pipe and an electrofusion fitting - 9/16/2016, \$53.00

### **ROAD VEHICLES (TC 22)**

ISO/DIS 15118-5, Road vehicles - Vehicle to grid communication interface - Part 5: Physical layer and data link layer conformance test - 7/14/2016, \$230.00

ISO/DIS 20077-1, Road Vehicles - Extended vehicle (ExVe) methodology - Part 1: General information - 9/8/2016, \$82.00

### **ROLLING BEARINGS (TC 4)**

ISO/DIS 15, Rolling bearings - Radial bearings - Boundary dimensions, general plan - 9/15/2016, \$82.00

### **RUBBER AND RUBBER PRODUCTS (TC 45)**

ISO/DIS 1419, Rubber- or plastics-coated fabrics - Accelerated-ageing tests - 9/15/2016, \$40.00

- ISO/DIS 1825, Rubber hoses and hose assemblies for aircraft ground fuelling and defuelling - Specification - 7/15/2016, \$93.00
- ISO/DIS 2411, Rubber- or plastics-coated fabrics - Determination of coating adhesion - 7/15/2016, \$67.00
- ISO/DIS 3949, Plastics hoses and hose assemblies - Textile-reinforced types for hydraulic applications - Specification - 7/16/2016, \$62.00
- ISO/DIS 20058, Rubber thread - Specification - 7/16/2016, \$40.00

### STEEL (TC 17)

- ISO/DIS 3887, Steels - Determination of the depth of decarburization - 7/15/2016, \$58.00

### TIMBER STRUCTURES (TC 165)

- ISO/DIS 12122-5, Timber structures - Determination of characteristic values - Part 5: Mechanical connections - 7/14/2016, \$62.00

### TRADITIONAL CHINESE MEDICINE (TC 249)

- ISO/DIS 20409, Traditional Chinese medicine - Panax notoginseng root and rhizome - 7/13/2016, \$71.00

### TYRES, RIMS AND VALVES (TC 31)

- ISO/DIS 29802, All terrain (AT) tyres and rims - Symbol marked pneumatic tyres on 5 degree tapered rims - Designation, dimension, marking and load ratings - 7/16/2016, \$82.00

## ISO/IEC JTC 1, Information Technology

- ISO/IEC DIS 26558, Software and systems engineering - Methods and tools for variability modeling in software and systems product line - 7/16/2016, \$107.00
- ISO/IEC DIS 26559, Software and systems engineering - Methods and tools for variability traceability in software and systems product line - 7/16/2016, \$102.00
- ISO/IEC DIS 19794-15, Information technology - Biometric data interchange format - Part 15: Palm crease image data - 9/8/2016, \$82.00

## IEC Standards

- 22F/424/CD, Amendment 2 - IEC/TR 60919-1 Ed.3: Performance of high-voltage direct current (HVDC) systems with line-commutated converters - Part 1: Steady-state conditions, 08/19/2016
- 23E/969/CD, IEC 62020 A2 Ed.1: Electrical accessories - Residual current monitors for household and similar uses (RCMs), 09/16/2016
- 34/326/CD, IEC 60050-845 Ed. 2: International electrotechnical vocabulary - Chapter 845: Lighting, 09/16/2016
- 36/386/FDIS, IEC 62772 Ed. 1.0: Composite hollow core station post insulators for substations with a.c. voltage greater than 1 000 v and d.c. voltage greater than 1 500 v - Definitions, test methods and acceptance criteria, 08/05/2016
- 46/604/NP, Cable Accessories - Hanger Test Methods, 09/16/2016
- 46/606/CD, IEC 62153-4-9: Metallic Communication Cable test methods - Part 4-9: Electromagnetic compatibility (EMC) - Coupling attenuation of screened balanced cables, triaxial method, 09/16/2016
- 46F/346/CDV, IEC 60154-4 ed 2.0: Relevant Specifications for Flanges for Circular Waveguides, 09/16/2016
- 46F/347/FDIS, IEC 61169-58 Ed1: Radio-Frequency Connectors - Part 58: Sectional specification for RF coaxial connectors with blind-mate coupling - Characteristic impedance 50 Ω (type SBMA), 08/05/2016
- 47/2300/CDV, IEC 60749-9 Ed.2: Semiconductor devices - Mechanical and climatic test methods - Part 9: Permanence of marking, 09/16/2016
- 47F/249/FDIS, IEC 62047-25 Ed.1: Semiconductor devices - Micro-electromechanical devices - Part 25: Silicon based MEMS fabrication technology - Measurement method of pull-press and shearing strength of micro bonding area, 08/05/2016
- 55/1575/CDV, IEC 60317-70/Ed1: Specifications for particular types of winding wires - Part 70: Polyester glass-fibre wound unvarnished and fused or resin or varnish impregnated, bare or enamelled round copper wire, temperature index 155, 09/16/2016
- 55/1576/CDV, IEC 60317-71/Ed1: Specifications for particular types of winding wires - Part 71: Polyester glass-fibre wound unvarnished and fused or resin or varnish impregnated, bare or enamelled round copper wire, temperature index 180, 09/16/2016
- 55/1577/CDV, IEC 60317-72/Ed1: Specifications for particular types of winding wires - Part 72: Polyester glass-fibre wound silicone resin or varnish impregnated, bare or enamelled round copper wire, temperature index 200, 09/16/2016
- 62B/1012/CDV, Amendment 1 to IEC 60601-2-43: Medical electrical equipment - Part 2-43: Particular requirements for the basic safety and essential performance of X-ray equipment for interventional procedures, 09/16/2016
- 62D/1368/FDIS, ISO 80369-7: Small-bore connectors for liquids and gases in healthcare applications - Part 7: Connectors for intravascular or hypodermic applications, 08/20/2016
- 65E/507/FDIS, IEC 61987-13 Ed. 1.0 Industrial-Process Measurement and Control - Data Structures and Elements in Process Equipment Catalogues - Part 15: Lists of properties (LOPs) for level measuring equipment for electronic data exchange, 08/05/2016
- 69/420/FDIS, IEC 62840-2 Ed.1.0 Electric vehicle battery swap system - Part 2: Safety requirements, 08/05/2016
- 69/421/CDV, ISO 15118-5: Road vehicles - Vehicle to grid communication interface - Part 5: Physical layer and data link layer conformance test, 09/16/2016
- 72/1040/CDV, IEC 60730 2-15/Ed3: Automatic electrical controls - Part 2-15: Particular requirements for automatic electrical air flow, water flow and water level sensing controls, 09/16/2016
- 82/1113/CDV, IEC 62920 Ed.1: EMC requirements and test methods for power conversion equipment applying to photovoltaic power generating systems, 09/16/2016
- 2/1833/DTS, IEC 60034-30-2 TS Ed.1: Rotating electrical machines - Part 30-2: Efficiency classes of variable speed AC motors (IE-code), 09/16/2016
- 3D/277/DC, IEC Common Data Dictionary (IEC CDD): C00062 Thermal power loss, 09/23/2016
- 8A/28/NP, Grid code compliance assessment for grid connection of wind and PV power plants, 09/16/2016
- 13/1701A/FDIS, IEC 62053-22 Amd. 1: Electricity metering equipment (AC) - Particular requirements - Part 22 Static meters for active energy (classes 0,2 S and 0,5 S), 07/29/2016
- 17C/645/FDIS, IEC 62271-212 Ed.1: High-voltage switchgear and controlgear - Part 212: Compact Equipment Assembly for Distribution Substation (CEADS), 08/05/2016
- 18/1538/FDIS, IEC 60092-202: Electrical installations in ships - Part 202: System design - Protection, 08/05/2016
- 22F/422/CD, Amendment 2 - IEC 62501 Ed.1: Voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) power transmission = Electrical testing, 08/19/2016
- 22F/423/CD, Amendment 1 - IEC 62751-1 Ed.1: Determination of power losses in voltage sourced converter (VSC) valves for high-voltage direct current (HVDC) systems - Part 1: General requirements, 08/19/2016

- 86A/1750/CD, IEC 60793-2-19/Ed6: Optical fibres - Part 2-10: Product specifications - Sectional specification for category A1 multimode fibres, 09/16/2016
- 86C/1389/CD, IEC 61280-4-1/Ed3: Fibre-optic communication subsystem test procedures - Part 4-1: Installed cable plant - Multimode attenuation measurement, 09/16/2016
- 91/1378/DTR, IEC/TR 61189-3-914 Ed.1: Test methods for electrical materials, printed boards and other interconnection structures and assemblies - Part 3-914: Test method for thermal conductivity of printed circuit boards for high-brightness LEDs - Guidelines, 08/26/2016
- 96/451/CDV, IEC 61558-1 Ed.3: Safety of transformers, reactors, power supply units and combinations thereof - Part 1: General requirements and tests, 09/16/2016
- 100/2725/CD, IEC 62702-1-2 Ed.1.0: Audio Archive System - Part 1-2: BD disk and data migration for long term audio data storage, 08/19/2016
- 108/657/CD, IEC 62368-1/Ed3: Audio/video, information and communication technology equipment - Part 1: Safety requirements, 09/16/2016
- 113/317/DTS, IEC 62607-4-5 Ed.1: Nanomanufacturing - Key control characteristics - Part 4-5 Cathode nanomaterials for nano-enabled electrical energy storage - Electrochemical characterisation, 3-electrode cell method, 09/16/2016
- CIS/A/1176/FDIS, CISPR 16-2-3 Ed.4: Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-3: Methods of measurement of disturbances and immunity - Radiated disturbance measurements, 08/05/2016



# 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](http://www.ansi.org). All paper copies are available from Standards resellers (<http://webstore.ansi.org/faq.aspx#resellers>).

## ISO Standards

### FINE CERAMICS (TC 206)

[ISO 17561:2016](#), Fine ceramics (advanced ceramics, advanced technical ceramics) - Test method for elastic moduli of monolithic ceramics at room temperature by sonic resonance, \$88.00

### RUBBER AND RUBBER PRODUCTS (TC 45)

[ISO 1420:2016](#), Rubber- or plastics-coated fabrics - Determination of resistance to penetration by water, \$51.00

### SIEVES, SIEVING AND OTHER SIZING METHODS (TC 24)

[ISO 9044:2016](#), Industrial woven wire cloth - Technical requirements and tests, \$123.00

### SOLID MINERAL FUELS (TC 27)

[ISO 13909-1:2016](#), Hard coal and coke - Mechanical sampling - Part 1: General introduction, \$88.00

[ISO 13909-2:2016](#), Hard coal and coke - Mechanical sampling - Part 2: Coal - Sampling from moving streams, \$173.00

[ISO 13909-3:2016](#), Hard coal and coke - Mechanical sampling - Part 3: Coal - Sampling from stationary lots, \$123.00

[ISO 13909-4:2016](#), Hard coal and coke - Mechanical sampling - Part 4: Coal - Preparation of test samples, \$173.00

[ISO 13909-5:2016](#), Hard coal and coke - Mechanical sampling - Part 5: Coke - Sampling from moving streams, \$149.00

[ISO 13909-6:2016](#), Hard coal and coke - Mechanical sampling - Part 6: Coke - Preparation of test samples, \$149.00

[ISO 13909-7:2016](#), Hard coal and coke - Mechanical sampling - Part 7: Methods for determining the precision of sampling, sample preparation and testing, \$200.00

[ISO 13909-8:2016](#), Hard coal and coke - Mechanical sampling - Part 8: Methods of testing for bias, \$173.00

### STEEL (TC 17)

[ISO 4942:2016](#), Steels and irons - Determination of vanadium content - N-BPHA spectrophotometric method, \$88.00

### WATER QUALITY (TC 147)

[ISO 5667-4:2016](#), Water quality - Sampling - Part 4: Guidance on sampling from lakes, natural and man-made, \$173.00

## ISO Technical Specifications

### PACKAGING (TC 122)

[ISO/TS 18614:2016](#), Packaging - Label material - Required information for ordering and specifying self-adhesive labels, \$200.00

## ISO/IEC JTC 1, Information Technology

[ISO/IEC 25022:2016](#), Systems and software engineering - Systems and software quality requirements and evaluation (SQuARE) - Measurement of quality in use, \$200.00

## IEC Standards

### ELECTROSTATICS (TC 101)

[IEC 61340-2-3 Ed. 2.0 b:2016](#), Electrostatics - Part 2-3: Methods of test for determining the resistance and resistivity of solid materials used to avoid electrostatic charge accumulation, \$206.00

[S+ IEC 61340-2-3 Ed. 2.0 en:2016 \(Redline version\)](#), Electrostatics - Part 2-3: Methods of test for determining the resistance and resistivity of solid materials used to avoid electrostatic charge accumulation, \$265.00

### HIGH-VOLTAGE TESTING TECHNIQUES (TC 42)

[IEC 61180 Ed. 1.0 b:2016](#), High-voltage test techniques for low-voltage equipment - Definitions, test and procedure requirements, test equipment, \$278.00

### INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

[IEC 62453-303-1 Ed. 1.1 b:2016](#), Field device tool (FDT) interface specification - Part 303-1: Communication profile integration - IEC 61784 CP 3/1 and CP 3/2, \$363.00

[IEC 62453-303-1 Amd.1 Ed. 1.0 b:2016](#), Amendment 1 - Field device tool (FDT) interface specification - Part 303-1: Communication profile integration - IEC 61784 CP 3/1 and CP 3/2, \$22.00

[IEC 62453-303-2 Ed. 1.1 b:2016](#), Field device tool (FDT) interface specification - Part 303-2: Communication profile integration - IEC 61784 CP 3/4, CP 3/5 and CP 3/6, \$315.00

[IEC 62453-303-2 Amd.1 Ed. 1.0 b:2016](#), Amendment 1 - Field device tool (FDT) interface specification - Part 303-2: Communication profile integration - IEC 61784 CP 3/4, CP 3/5 and CP 3/6, \$22.00

### OTHER

[CISPR 11 Ed. 6.1 b:2016](#), Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement, \$484.00

[CISPR 11 Amd.1 Ed. 6.0 b:2016](#), Amendment 1 - Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement, \$61.00

### POWER CAPACITORS (TC 33)

[IEC 62146-1 Ed. 1.1 b:2016](#), Grading capacitors for high-voltage alternating current circuit-breakers - Part 1: General, \$339.00

[IEC 62146-1 Amd.1 Ed. 1.0 b:2016](#), Amendment 1 - Grading capacitors for high-voltage alternating current circuit-breakers - Part 1: General, \$22.00

**SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)**

[IEC 60335-2-14 Ed. 6.0 b:2016](#), Household and similar electrical appliances - Safety - Part 2-14: Particular requirements for kitchen machines, \$254.00

[S+ IEC 60335-2-14 Ed. 6.0 en:2016 \(Redline version\)](#), Household and similar electrical appliances - Safety - Part 2-14: Particular requirements for kitchen machines, \$290.00

**IEC Technical Reports**

**FIBRE OPTICS (TC 86)**

[IEC/TR 62691 Ed. 2.0 en:2016](#), Optical fibre cables - Guidelines to the installation of optical fibre cables, \$278.00

**PERFORMANCE OF HOUSEHOLD ELECTRICAL APPLIANCES (TC 59)**

[IEC/TR 62970 Ed. 1.0 en:2016](#), Guidance on how to conduct round robin tests for household and similar electrical appliances, \$61.00

# 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](mailto:ncsci@nist.gov) or [notifyus@nist.gov](mailto:notifyus@nist.gov).



# Information Concerning

## American National Standards

### INCITS Executive Board

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

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

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

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

- **Producer – Hardware**

This category primarily produces hardware products for the ITC marketplace.

- **Producer – Software**

This category primarily produces software products for the ITC marketplace.

- **Distributor**

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

- **User**

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

- **Consultants**

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

- **Standards Development Organizations and Consortia**

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

- **Academic Institution**

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

- **Other**

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

Membership in the INCITS Executive Board is open to all directly and materially affected parties in accordance with INCITS membership rules. To find out more about participating on the INCITS Executive Board, please contact Jennifer Garner at 202-626-5737 or [jgarner@itic.org](mailto:jgarner@itic.org). Visit [www.INCITS.org](http://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](http://www.scte.org) or by e-mail from [standards@scte.org](mailto:standards@scte.org).

## ANSI Accredited Standards Developers

### Approval of Reaccreditation

#### ARMA International

ANSI's Executive Standards Council has approved the reaccreditation of ARMA International, an ANSI Member and Accredited Standards Developer, under its recently revised ARMA International Standards Development Program, Policies and Procedures: American National Standards and Technical Reports for documenting consensus on ARMA International-sponsored American National Standards, effective June 27, 2016. For additional information, please contact: Nancy Barnes, PhD, Standards Consultant, ARMA International, 11880 College Boulevard, Suite 450, Overland Park, KS 66210; phone: 913.312.5565; e-mail: [standards@armaintl.org](mailto:standards@armaintl.org).

#### IAPMO

The reaccreditation of IAPMO, an ANSI Member and Accredited Standards Developer, has been approved at the direction of ANSI's Executive Standards Council under its recently revised IAPMO WEstand Regulations for documenting consensus on IAPMO-sponsored Water Efficiency and Sanitation American National Standards, effective June 23, 2016. For additional information, please contact: Mr. Dan Cole, Technical Services Manager, IAPMO Chicago Regional Office, 18927 Hickory Creek Drive, Suite 220, Mokena, IL 60448; phone: 708.995.3009; e-mail: [dan.cole@iapmo.org](mailto:dan.cole@iapmo.org).

## Reaccreditation

### American Society of Mechanical Engineers (ASME)

Comment Deadline: August 1, 2016

The American Society of Mechanical Engineers (ASME), an ANSI member and Accredited Standards Developer, has submitted revisions to its currently accredited Procedures for ASME Codes and Standards Development Committees for documenting consensus on ASME-sponsored American National Standards, under which it was last reaccredited in 2015. As the current revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Mr. William Berger, Managing Director, Standards, ASME, 2 Park Avenue, 6th Floor, New York, NY 10016-5990; phone: 212.591.8520; e-mail: [bergerw@asme.org](mailto:bergerw@asme.org). You may view/download a copy of the revisions during the public review period at the following URL: [www.ansi.org/accredPR](http://www.ansi.org/accredPR). Please submit any public comments on the revised procedures to ASME by August 1, 2016, with a copy to the ExSC Recording Secretary in ANSI's New York Office ([jthomps@ANSI.org](mailto:jthomps@ANSI.org)).

## ANSI Accreditation Program for Greenhouse Gas Validation/Verification Bodies

### Reaccreditation

#### SAI Global

Comment Deadline: August 1, 2016

In accordance with the following ISO standards:

ISO 14065:2013, Greenhouse gases – Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition

SAI Global

John Fraser

20 Carlson Court, Suite 200

Toronto M9W 7K6, Canada

Phone: 416-401-8671

E-mail: [john.fraser@qmi-saiglobal.com](mailto:john.fraser@qmi-saiglobal.com)

On June 28, 2016, ANSI's Greenhouse Gas Validation/Verification Body Accreditation Committee granted reaccreditation to SAI Global for the following:

#### **Scope:**

*Verification of assertions related to GHG emissions and removals at the organizational level*

01. General
02. Manufacturing
03. Power Generation
05. Mining and Mineral Production
06. Metals Production
07. Chemical Production
08. Oil and gas extraction, production and refining including petrochemicals
09. Waste

Please send your comments by August 1, 2016 to Ann Howard, Director, Environmental Accreditation Programs, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: [ahoward@ansi.org](mailto:ahoward@ansi.org).

## ANSI Accreditation Program for Third Party Product Certification Agencies

### Request for Scope Extension

#### Curtis-Strauss, LLC

Comment Deadline: August 1, 2016

Mr. Tadas Stukas

Quality & HSE Manager

Curtis-Straus, LLC

One Distribution Center Circle, Suite #1

Littleton, MA 01460

Phone: 978-486-8880

Fax: 978-486-8828

E-mail: [tadas.stukas@us.bureauveritas.com](mailto:tadas.stukas@us.bureauveritas.com)

Web: [www.curtis-strauss.com](http://www.curtis-strauss.com)

Curtis-Straus, LLC, an ANSI-accredited certification body, has requested a scope extension to include the following:

#### **EPA ENERGY STAR®**

- ENERGY STAR® Product Specification for Small Network Equipment
- ENERGY STAR® Product Specification for Large Network Equipment

Please send your comments by August 1, 2016 to Reinaldo Balbino Figueiredo, Senior Program Director, Product/Process/Services Accreditation Programs, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293 9287 or e-mail: [rfigueir@ansi.org](mailto:rfigueir@ansi.org), or Nikki Jackson, Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293 9287 or e-mail: [njackson@ansi.org](mailto:njackson@ansi.org).

## International Organization for Standardization (ISO)

### Call for U.S. TAG Administrator

#### ISO/TC 17 – *Steel* Subcommittees

There is currently no ANSI-accredited U.S. TAG Administrator for ISO/TC 17/SC 15 and ISO/TC 17/SC 17, and therefore ANSI is not a member of these committees. The Secretariats for these committees are held by China (SAC).

ISO/TC 17/SC 15 operates under the following scope:

Standardization of terminology, technical requirements, materials, dimensions and tolerances, test methods for railway rails, rail fasteners, wheel and wheelsets.

ISO/TC 17/SC 17 operates under the following scope:

Standardization of qualities, dimensions and tolerances of steel wire rod and steel wire products from a wire mill.

Standardization of types and qualities of wire rod (unalloyed steel for wire drawing and wire rod for electrodes).

Standardization of types and qualities of wires in so far as they are only used in that product form.

Excluded are those products which are already standardized by other Committees, eg, steel wire ropes excluding stainless steel wire, stainless steel wire rod and heat resisting wire which remain the responsibility of ISO/TC 17/SC 4.

Organizations interested in serving as the U.S. TAG Administrator or participating on a U.S. TAG should contact ANSI's ISO Team ([isot@ansi.org](mailto:isot@ansi.org)).

## ISO/TC 34 – Food Products Subcommittees

There is currently no ANSI-accredited U.S. TAG Administrator for the below subcommittees to ISO/TC 34 – Food Products, and therefore ANSI is not a member of these subcommittees. The Secretariats for these subcommittees are not held by the United States (ANSI).

ISO/TC 34/SC 3 – Fruits and vegetables and their derived products operates under the following scope:

Standardization in the field of fruit and vegetable and their derived products, in particular, terminology, sampling, product specifications, requirements for packaging, storage, transportation, methods of tests and analysis.

The following subcommittees operate under the scope of ISO/TC 34:

Standardization in the field of human and animal foodstuffs, covering the food chain from primary production to consumption, as well as animal and vegetable propagation materials, in particular, but not limited to, terminology, sampling, methods of test and analysis, product specifications, food and feed safety and quality management and requirements for packaging, storage and transportation

Excluded :

products covered by ISO/TC 54 Essential oils and ISO/TC 93 Starch (including derivatives and by-products).

ISO/TC 34/SC 4 – *Cereals and pulses*

ISO/TC 34/SC 5 – *Milk and milk products*

ISO/TC 34/SC 7 – *Spices, culinary herbs and condiments*

ISO/TC 34/SC 8 – *Tea*

ISO/TC 34/SC 10 – *Animal feeding stuffs*

Organizations interested in serving as the U.S. TAG Administrator or participating on a U.S. TAG should contact ANSI's ISO Team ([isot@ansi.org](mailto:isot@ansi.org)).

## Meeting Notices

### AHRI Meetings

#### Revision of ANSI/AHRI Standards 390 (I-P) and 391 (SI)-2003, Performance Rating of Single Package Vertical Air Conditioners and Heat Pumps

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on July 14 from 1 p.m. to 2 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Alan Calbi at [acalbi@ahrinet.org](mailto:acalbi@ahrinet.org).

#### Revision of ANSI/AHRI Standard 440-2008, Performance Rating of Room Fan-Coils

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on bi-weekly on Tuesdays between July 12 and November 29 from 11 a.m. to 12 p.m. If you are interested in participating in the meeting or providing comments on the standard please contact AHRI staff member Steve O'Leary at [soleary@ahrinet.org](mailto:soleary@ahrinet.org).

## 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](mailto:isot@ansi.org)), with a submission of comments to Steve Cornish ([scornish@ansi.org](mailto:scornish@ansi.org)) by close of business on Friday, July 1, 2016.

June 2016 Draft for Public Review

# QEI-1-201X, Standard for the Qualification of Elevator Inspectors

(Proposed Revisions of ASME QEI-1-2013)

TENTATIVE

SUBJECT TO REVISION OR WITHDRAWAL

Specific Authorization Required for Reproduction or Quotation

ASME Codes and Standards

## FOREWORD

Participants from the National Association of Elevator Safety Authorities, the National Elevator Industries, Inc., the American Insurance Association, and the Alliance of American Insurers met in early 1981 to discuss the trend among state and municipal governments to rely on private inspection agencies and self-inspection by elevator companies to perform inspections that had traditionally been done by the jurisdictional authorities. One of the prime concerns of the group was to develop a means for ensuring that the quality of the inspections remained at a high level. The group determined that addressing the qualifications of the persons performing the inspections is an important part of achieving this goal.

The American Society of Mechanical Engineers (ASME), which had been actively involved in elevator safety through the sponsorship of the A17 Elevator and Escalator Committee, was asked to participate in the group's discussions. ASME expressed an interest in this project and established an ad-hoc committee consisting of members of the above organizations to develop a scope and guidelines for the establishment of a standards-writing committee.

On November 12, 1981, the ASME Council on Codes and Standards responded to this request and approved the formation of the ASME Committee on the Qualification of Elevator Inspectors (QEI Committee) to develop an American National Standard.

The goal established for the QEI Committee is to provide for the public health, safety, and welfare by supplementing existing standards in this field. ASME A17.1, Safety Code for Elevators and Escalators, covers design, construction, operation, inspection, testing, maintenance, alteration, and repair. ASME A17.2, Guide for Inspection of Elevators, Escalators, and Moving Walks, supplements the Safety Code by providing guidelines for the inspection and testing of the equipment. Neither A17.1 nor A17.2, however, covers the qualifications of inspection personnel, and the duties of the inspector are only covered briefly in the Introduction to the Inspectors' Manual.

The excellent safety record of elevators, escalators, and related equipment has been maintained, in part, by quality field inspections and tests. However, advancing technology and safety requirements have highlighted the need for establishing uniform criteria for the persons performing these inspections. The quality of inspections, of course, depends on the competence of the inspector, and the Standard for the Qualification of Elevator Inspectors is dedicated to that purpose. Safety codes and standards are intended to enhance public health and safety. Revisions result from committee consideration of factors such as technological advances, new data, and changing environmental and industry needs. Revisions do not imply that previous editions were inadequate.

With the harmonization of ASME A17.1 and CSA B44, the application of the QEI Standard is now widespread in Canada. To enable the effective use of the QEI Standard by the jurisdictions in Canada enforcing codes other than those published by ASME, the QEI Standard was revised in the 2007 edition to include reference to equivalent Canadian codes. The reference to any Canadian standard and access to or possession of those standards is necessary only in Canada or where the standards are adopted or enforced.

In the 2013 edition, the QEI-1 Standard was revised to reflect a decision made by ASME to discontinue its QEI accreditation program. Effective January 1, 2014, accreditation of organizations which certify elevator inspectors and inspection supervisors is being discontinued by the American Society of Mechanical Engineers, therefore requirements have been revised in this area to allow for accreditation to be done by other organizations.

This revision of QEI-1 was approved by the American National Standards Institute on {insert date}.

(TN 12-2299)

**Section 2.2****Duties**

(c) . . . .

(1) . . . .

(2) the report shall be signed by the certified inspector and shall include his or her certification number and certifying agency. Electronic or written signatures are acceptable to meet the requirement.

(3) . . . .

**Rationale:** Many inspection documents are submitted electronically without a traditional ink signature, using an “electronic signature” or time stamp that allows the AHJ to have accountability for a signature.

(TN 12-2302)

**Proposal: Define “effective date” in QEI-1-2013:**

Effective Date: 1.(As it relates to the certification documentation), the start date of the most recent certification of the inspector or inspection supervisor.

2. (As it relates to the issuance and use of the QEI-1 Standard and ASME Standards); Generally ,six (6) months after the issuance of the standard or as otherwise stated in that standard.

3. (As it relates to other standards); the date, as determined by the publishing agency, when the document may be used by jurisdictions adopting the standard.

*Rationale: The term “effective date” is not currently defined. While intuitively obvious to the most casual observer its meaning becomes ambiguous as used in various sections throughout the QEI-1 Standard. For the purpose of the QEI-1 document with regard to the information contained on the Certification Card (Appendix C), its meaning is meant to quantify the continuous period of the current certification from the start date to the expiration date of the inspector or inspection supervisor.*

*Where an inspector or inspection supervisor has a break in the period of certification, the Certification Card will reflect only the most recent period of continuous certification. Prior continuous certification period(s) would be reflected on previous, expired, Certification Card(s).*

(TN 15-1849)

**Proposal:** Clarify reference to Safety Handbook.

Revise 1.3 (j) to read:

(j)-References to the Elevator Industry Field Employees' Safety Handbook refer to the latest edition of the Elevator Industry Field Employees' Safety Handbook.

*Rationale: The operative term in 1.3(j) is "latest edition" as in preceding and subsequent paragraphs in Section 1.3. The term "Safety Handbook" appeared only in Section 2.1 paragraph (a). Changing to the full official title of the document is consistent with the manner in which the EIFESH is referenced throughout the QEI Standard.*

Revise 2.1(a) to read as follows:

(a) knowledge of personal safety practices, including, but not limited to, the safety practices contained in the Elevator Industry Field Employees' Safety Handbook necessary to perform the following:

*Rationale: Section 1.3, paragraph (j) clarifies that the term "Safety Handbook" refers to the latest edition of the Elevator Industry Field Employees' Safety Handbook. Changing to the full official title of the document eliminates ambiguity and confusion.*





This is a working document under consideration by the AWS D1 Committee on Structural Welding. It is made available solely to solicit comments from interested parties, and may not be relied upon or utilized for any other purpose. Draft documents may change significantly in subsequent versions.

## List of Tables

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12.4 <u>M 270 (A709) Gr. 36, 50, 50S Minimum Preheat and Interpass Temperatures, °F</u> <del>M 270M/M 270 (A709/A709M) Gr. 345W [50W], HPS 345W [HPS 50W], HPS 485W [HPS 70W] Minimum Preheat and Interpass Temperatures, °C [°F]</del>	
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Existing D1.5 Code Language (2015)	Proposed Revision for Amendment
<p><b>4.3 Heat Input Control for Grade HPS 690W [HPS 100W] Steel</b></p> <p>When M 270M/M 270 Grade HPS 690W [HPS 100W] (A709/A709M Grade HPS 100W [HPS 690W]) steels are welded, welding heat input shall be appropriate for the thickness of steel to be joined and the preheat and interpass temperature used. Heat input shall not exceed the manufacturers’ recommendations. Table 12.5 may be used for guidance in welding M 270M/M 270 (A709/A709M) Grade HPS 690W [HPS 100W] steel.</p>	<p><b>4.3 Heat Input Control for Grade HPS 690W [HPS 100W] Steel</b></p> <p>When M 270M/M 270 Grade HPS 690W [HPS 100W] (A709/A709M Grade HPS 100W [HPS 690W]) steels are welded, welding heat input shall be appropriate for the thickness of steel to be joined and the preheat and interpass temperature used. Heat input shall not exceed the manufacturers’ recommendations. Table <u>12.7</u><del>12.5</del> may be used for guidance in welding M 270M/M 270 (A709/A709M) Grade HPS 690W [HPS 100W] steel.</p>
<p><b>4.5.2.1 Approved Atmospheric Exposure Periods.</b> Electrodes exposed to the atmosphere upon removal from drying or storage ovens or hermetically sealed containers shall be used within the time limit shown in Table 4.6 or redried at 230°C to 290°C [450°F to 550°F] for two hours minimum, except as provided in 4.5.2.3.</p>	<p><b>4.5.2.1 Approved Atmospheric Exposure Periods.</b> Electrodes exposed to the atmosphere upon removal from drying or <u>holding storage</u> ovens or hermetically sealed containers shall be used within the time limit shown in Table 4.6 or redried at 230°C to 290°C [450°F to 550°F] for two hours minimum, <del>except as provided in 4.5.2.3.</del></p>
<p><b>4.5.2.2 Short Exposure Times.</b> Electrodes exposed to the atmosphere for periods less than those allowed by Table 4.6 may be returned to a holding oven maintained at 120°C [250°F] minimum and after a minimum period of four hours at that temperature may be reissued. The provisions of 4.5.4 shall apply.</p>	<p><b>4.5.2.2 Short Exposure Times.</b> Electrodes exposed to the atmosphere for periods less than those allowed by Table 4.6 may be returned to a holding oven maintained at 120°C [250°F] minimum and after a minimum period of four hours at that temperature may be reissued. <del>The provisions of 4.5.4 shall apply.</del></p>
<p><b>4.5.2.3 Optional Supplemental Moisture-Resistant Designators.</b> Electrodes with the AWS filler metal specifications optional supplemental moisture resistance designator “R” may be exposed to the atmosphere for up to nine hours when welding steels with a minimum specified yield strength of 345 MPa [50 ksi] or less. Moisture-resistant electrodes shall be received in containers that bear the additional designator “R” as part of the AWS classification.</p>	<p><b>4.5.2.3 Optional Supplemental Moisture-Resistant Designators.</b> <u>E70XX-X, E80XX-X, E90XX-X, E100XX-X, and E110XX-X electrodes</u><del>Electrodes</del> with the AWS filler metal specifications optional supplemental moisture resistance designator “R” may be exposed to the atmosphere for up to nine hours <del>when welding steels with a minimum specified yield strength of 345 MPa [50 ksi] or less.</del> Moisture-resistant electrodes shall be received in containers that bear the additional designator “R” as part of the AWS classification.</p>

Existing D1.5 Code Language (2015)	Proposed Revision for Amendment
<p><b>C-4.5.2.3 Optional Supplement Moisture-Resistant Designators.</b> In order for a low-hydrogen electrode to be designated as low-moisture-absorbing with the “R” suffix designator, electrodes are tested by exposure to 27°C [80°F] and 80% relative humidity for a period of not less than nine hours. These tests are defined in AWS A5.1/A5.1M and AWS A5.5/A5.5M, and are typically conducted by the electrode manufacturer. The nine hour time period was selected based on a typical workshift length, including mealtime. The moisture content of the exposed covering must exceed the maximum specified moisture content for the “R” designated electrode and classification in the appropriate AWS A5.1/A5.1M or AWS A5.5/A5.5M specification. Such electrodes may be used with exposure times of up to nine hours on steels with a minimum specified yield strength of 345 MPa [50ksi]. For higher strength steels, exposure time is limited to that permitted in Table 4.6.</p>	<p><b>C-4.5.2.3 Optional Supplement Moisture-Resistant Designators.</b> In order for a low-hydrogen electrode to be designated as low-moisture-absorbing with the “R” suffix designator, electrodes are tested by exposure to 27°C [80°F] and 80% relative humidity for a period of not less than nine hours. These tests are defined in AWS A5.1/A5.1M and AWS A5.5/A5.5M, and are typically conducted by the electrode manufacturer. The nine-hour time period was selected based on a typical workshift length, including mealtime. The moisture content of the exposed covering must exceed the maximum specified moisture content for the “R” designated electrode and classification in the appropriate AWS A5.1/A5.1M or AWS A5.5/A5.5M specification. <del>R- designated E70XX-X, E80XX-X, E90XX-X, E100XX-X, and E110XX-X</del> Such electrodes may be used with exposure times of up to nine hours <del>on steels with a minimum specified yield strength of 345 MPa [50ksi].</del> For <del>other electrodes</del> higher strength steels, exposure time is limited to that permitted in Table 4.6.</p>

**Table 4.3**  
**Minimum Preheat and Interpass Temperature, °C [°F]**

Welding Process (Base Metal)	Thickness of Thickest Part at Point of Welding, mm [in]			
	To 20 mm [3/4 in] Incl.	Over 20 mm [3/4 in] to 40 [1-1/2 in] Incl.	Over 40 mm [1-1/2 in] to 65 mm [2-1/2 in] Incl.	Over 65 mm [2-1/2 in]
SAW; GMAW; FCAW; SMAW (M 270M/M 270 (A709/A709M) Gr. 250 [36], 345 [50], 345S [50S], 345W [50W], HPS 345W [HPS 50W])	10 [50]	20 [70]	65 [150]	110 [225]
SAW; GMAW; FCAW; SMAW (M 270M/M 270 (A709/A709M) Gr. HPS 485W [HPS 70W] and HPS 690W [HPS 100W] <sup>a</sup> )	10 [50]	50 [125]	80 [175]	110 [225]

<sup>a</sup> See 4.2.2 for maximum preheat and interpass temperature limitations.

Note: See Annex G and Tables 12.3, 12.4, [12.5](#), [12.6](#) and ~~[12.7](#)~~~~[12.5](#)~~ for alternate preheat and interpass temperatures.

**Table 4.6**  
**Allowable Atmospheric Exposure of Low-Hydrogen SMAW Electrodes**

AWS Filler Metal Specification	Electrode	Hours <sup>a</sup>
A5.1	E70XX	4 max.
A5.5	E70XX-X	4 max.
	E80XX-X	2 max.
	E90XX-X	1 max.
	E100XX-X	1/2 max.
	E110XX-X	1/2 max.

<sup>a</sup> See 4.5.2.3.

<p><b>5.4.3.3(2)(a)</b></p> <p>(a) When quenched and tempered steels are to be welded, both the minimum and maximum preheat and interpass temperatures shall be listed for each welding heat input and thickness as shown in Table 12.5.</p>	<p><b>5.4.3.3(2)(a)</b></p> <p>(a) When quenched and tempered steels are to be welded, both the minimum and maximum preheat and interpass temperatures shall be listed for each welding heat input and thickness as shown in Table <del>12.5</del><sup>12.5</sup>.</p>
<p><b>Part B—Welder, Welding Operator, and Tack Welder Qualification</b></p> <p><b>5.21 General Requirements</b></p> <p>Welders, welding operators, and tack welders using SMAW, SAW, GMAW, FCAW, ESW, and EGW welding processes shall be qualified by the tests described in Part B.</p>	<p><b>Part B—Welder, Welding Operator, and Tack Welder Qualification</b></p> <p><b>5.21 General Requirements</b></p> <p>Welders, welding operators, and tack welders using SMAW, SAW, GMAW, FCAW, ESW, and EGW welding processes shall be qualified by the tests described in Part B.</p> <p><u>Vision acuity is important and necessary for welders, welding operators, and tack welders to perform their jobs in an acceptable manner. Testing is not a guarantee that their vision will continue to remain acceptable. If it appears that an individual is having difficulty seeing properly, a vision acuity test should be performed.</u></p>
<p><b>12.7.3 Fillet WPS Qualification.</b> Except as provided in 12.7.1, fillet WPSs shall be qualified by groove weld testing in conformance with Clause 5.</p>	<p><b>12.7.3 Fillet WPS Qualification.</b> Except as provided in 12.7.1, fillet WPSs shall be qualified by <del>groove weld</del> testing in conformance with Clause 5.</p>
<p><b>12.14 Preheat and Interpass Temperature Control</b></p> <p>Preheat and interpass temperature control shall be as specified in 4.2. The minimum preheat and interpass temperature for AASHTO M 270M/M 270 (ASTM A709/A709M) Grade 250 [36], 345 [50], 345S [50S], 345W [50W], HPS 345W [HPS 50W], and Grade HPS 485W [HPS 70W] steels shall be as described in Tables 12.3 and 12.4. The minimum and maximum preheat temperatures for M 270M/M 270 (A709/A709M) Grade HPS 690W [HPS 100W] steel shall be as described in Table 12.5. For Grade HPS 485W [HPS 70W], the maximum preheat and interpass temperature shall be 230°C [450°F] for all thicknesses.</p>	<p><b>12.14 Preheat and Interpass Temperature Control</b></p> <p>Preheat and interpass temperature control shall be as specified in 4.2. The minimum preheat and interpass temperature for AASHTO M 270M/M 270 (ASTM A709/A709M) Grade 250 [36], 345 [50], 345S [50S], 345W [50W], HPS 345W [HPS 50W], and Grade HPS 485W [HPS 70W] steels shall be as described in Tables 12.3, <del>12.4</del>, <del>12.5</del> and <del>12.6</del><sup>12.4</sup>. The minimum and maximum preheat temperatures for M 270M/M 270 (A709/A709M) Grade HPS 690W [HPS 100W] steel shall be as described in Table <del>12.5</del><sup>12.5</sup>. For Grade HPS 485W [HPS 70W], the maximum preheat and interpass temperature shall be 230°C [450°F] for all thicknesses.</p>
<p><b>12.17.6(8)(b)</b></p> <p>(b) Grade HPS 690W [HPS 100W] steel shall have a preheat and interpass temperature that conforms to the requirements of Table 12.5 for the heat input used, except that the minimum temperature shall be 110°C [225°F]. Care shall be taken when welding Grade HPS 690W [HPS 100W] steel to ensure that the combined preheat or interpass temperature plus welding heat input does not exceed the manufacturer's recommendations.</p>	<p><b>12.17.6(8)(b)</b></p> <p>(b) Grade HPS 690W [HPS 100W] steel shall have a preheat and interpass temperature that conforms to the requirements of Table <del>12.5</del><sup>12.5</sup> for the heat input used, except that the minimum temperature shall be 110°C [225°F]. Care shall be taken when welding Grade HPS 690W [HPS 100W] steel to ensure that the combined preheat or interpass temperature plus welding heat input does not exceed the manufacturer's recommendations.</p>
<p><b>C-12.14 Preheat and Interpass Temperature Control</b></p> <p>Tables 12.3, 12.4, and 12.5 for preheat under the Fracture Control Plan have added two additional elements not considered for redundant members: the diffusible hydrogen</p>	<p><b>C-12.14 Preheat and Interpass Temperature Control</b></p> <p>Tables 12.3, 12.4, <del>12.5</del>, <del>12.6</del>, and <del>12.7</del><sup>12.5</sup> for preheat under the Fracture Control Plan have added two additional elements not considered for redundant members: the diffusible hydrogen limit of the weld metal</p>

<p>limit of the weld metal deposited by various filler metals, and the heat input from welding. The level of required preheat is therefore a function of the type of steel, thickness of steel, hydrogen level of the filler metal, and the heat input from the welding process.</p>	<p>deposited by various filler metals, and the heat input from welding. The level of required preheat is therefore a function of the type of steel, thickness of steel, hydrogen level of the filler metal, and the heat input from the welding process.</p>
<p><b>C-12.14 (11<sup>th</sup> paragraph)</b></p> <p>For AASHTO M 270M/M 270 (ASTM A709/A709M) Grade HPS 690W [HPS 100W] steel, it was determined that the highest level of diffusible hydrogen allowed should be limited to H8. For this reason, Table 12.5 does not include the H16 category, and H4 and H8 have been combined into one column.</p>	<p><b>(11<sup>th</sup> paragraph)</b></p> <p>For AASHTO M 270M/M 270 (ASTM A709/A709M) Grade HPS 690W [HPS 100W] steel, it was determined that the highest level of diffusible hydrogen allowed should be limited to H8. For this reason, Table <del>12.7</del><del>12.5</del> does not include the H16 category, and H4 and H8 have been combined into one column.</p>
<p><b>Index</b></p> <p>Page 453 AASHTO/AWS Interpass temperature control, 12,14, Annex H, C-42.1.2, C-12.14, Tables 12.3, 12.4, 12.5</p> <p>Page 456 Electrodes minimum and maximum, Tables 12.2, 12.3, 12.4, 12.5</p> <p>Page 458 Heat input, 4.3, 5.12.1, 5.12.2, C-5.12.1, C-5.12.2, Tables 12.3, 12.4, 12.5</p> <p>Page 462: Tack Welds Interpass temperatures, Tables 12.3-12.5</p>	<p><b>Index</b></p> <p>Page 453 AASHTO/AWS Interpass temperature control, 12,14, Annex H, C-42.1.2, C-12.14, Tables 12.3, 12.4, 12.5, <a href="#">12.6</a>, <a href="#">12.7</a></p> <p>Page 456 Electrodes minimum and maximum, Tables 12.2, 12.3, 12.4, 12.5, <a href="#">12.6</a>, <a href="#">12.7</a></p> <p>Page 458 Heat input, 4.3, 5.12.1, 5.12.2, C-5.12.1, C-5.12.2, Tables 12.3, 12.4, 12.5, <a href="#">12.6</a>, <a href="#">12.7</a></p> <p>Page 462: Tack Welds Interpass temperatures, Tables 12.3-<del>12.7</del><del>12.5</del></p>

**Table 12.2**  
**Tack Weld Requirements (see 12.13.1.2)**

Type	WPS Required?	Minimum Size	Minimum Length	Minimum Preheat	Notes
Remelted by SAW	No	None	None	None	a, b
Covered by non-SAW	Yes	Table 2.1 or 2.2	75 mm [3 in]	Table 12.3, 12.4, <a href="#">12.5</a> , <a href="#">12.6</a> or <a href="#">12.7</a> <del>12.5</del>	
Tack welds outside joint	Yes	Table 2.1 or 2.2	75 mm [3 in]	Table 12.3, 12.4, <a href="#">12.5</a> , <a href="#">12.6</a> , or <a href="#">12.7</a> <del>12.5</del>	c
Tack welds <75 mm [3 in] long, or smaller than Table 2.1 or 2.2	Yes	None	None	200°C [400°F]	

<sup>a</sup> GMAW may be used for tack welding without the Engineer's approval.

<sup>b</sup> SMAW electrodes shall meet the requirements of 12.6.2.

<sup>c</sup> Tack welds outside the joint shall require the Engineer's approval (see 12.13.1.1).

Note: Filler metals listed in Table 4.1 shall be used.

**Table 12.3**  
**M270M (A709M) Gr. 250, 345 [50], 345S**  
**Minimum Preheat and Interpass Temperatures, °C (see 12.14)**

Thickness t, mm	Heat Input (as calculated by 5.12) kJ/mm [kJ/mm]								
	1.2 < HI ≤ 2.0			2.0 < HI ≤ 2.8			HI > 2.8		
	H4	H8	H16	H4	H8	H16	H4	H8	H16
t ≤ 20	40	50	70	40	40	50	40	40	40
20 < t ≤ 40	70	80	100	50	70	80	40	50	70
40 < t ≤ 60	90	110	120	80	90	110	70	80	90
t > 60	150	160	180	140	150	160	120	140	150

**Table 12.4**  
**M270 (A709) Gr. 36, 50, 50S**  
**Minimum Preheat and Interpass Temperatures, °F (see 12.14)**

Thickness t, in	Heat Input (as calculated by 5.12) kJ/in								
	30 < HI ≤ 50			50 < HI ≤ 70			HI > 70		
	H4	H8	H16	H4	H8	H16	H4	H8	H16
t ≤ 3/4	100	125	150	100	100	125	100	100	100
3/4 < t ≤ 1-1/2	150	175	200	125	150	175	100	125	150
1-1/2 < t ≤ 2-1/2	200	225	250	175	200	225	150	175	200
t > 2-1/2	300	325	350	275	300	325	250	275	300

**Table 12.5**  
**M270M (A709M) Gr. 345W, HPS 345W, HPS 485W**  
**Minimum Preheat and Interpass Temperatures, °C (see 12.14)**

Thickness t, mm [in]	Heat Input (as calculated by 5.12) kJ/mm								
	1.2 < HI ≤ 2.0			2.0 < HI ≤ 2.8			HI > 2.8		
	H4	H8	H16	H4	H8	H16	H4	H8	H16
t ≤ 20	40	50	70	40	40	50	40	40	40
20 < t ≤ 40	90	110	120	80	90	110	70	80	90
40 < t ≤ 60	150	160	180	140	150	160	120	140	150
t > 60	180	190	200	160	180	190	150	160	180

**Table 12.6**  
**M270 (A709) Gr. 50W, HPS 50W, HPS 70W**  
**Minimum Preheat and Interpass Temperatures, °F (see 12.14)**

Thickness t, mm [in]	Heat Input (as calculated by 5.12) kJ/in								
	30 < HI ≤ 50			50 < HI ≤ 70			HI > 70		
	H4	H8	H16	H4	H8	H16	H4	H8	H16
t ≤ 3/4	100	125	150	100	100	125	100	100	100
3/4 < t ≤ 1-1/2	200	225	250	175	200	225	150	175	200
1-1/2 < t ≤ 2-1/2	300	325	350	275	300	325	250	275	300
t > 2-1/2	350	375	400	325	350	375	300	325	350

**Table 12.7-12.5**  
**M 270M/M 270 (A709/A709M) Grade HPS 690W [HPS 100W] Minimum and Maximum**  
**Preheat/Interpass Temperature, °C [°F] (see 12.14)**

Thickness t, mm [in]	Heat Input (as calculated by 5.12) kJ/mm [kJ/in]				
	1.2 [30] ≤ HI < 1.6 [40]	1.6 [40] ≤ HI < 2.0 [50]	2.0 [50] ≤ HI < 2.8 [70]	2.8 [70] ≤ HI < 3.6 [90]	3.6 [90] ≤ HI
	6 [1/4] ≤ t ≤ 10 [3/8]	40–60 [100–150]	—	—	—
10 [3/8] < t ≤ 13 [1/2]	60–160 [150–300]	40–100 [100–200]	—	—	—
13 [1/2] < t ≤ 20 [3/4]	120–200 [250–400]	100–180 [200–350]	40–120 [100–250]	—	—
20 [3/4] < t ≤ 25 [1]	—	120–200 [250–400]	120–200 [250–400]	60–160 [150–300]	—
25 [1] < t ≤ 50 [2]	—	—	120–200 [250–400]	120–200 [250–400]	100–180 [200–350]
t > 50 [2]	—	—	150–240 [300–450]	140–240 [300–450]	140–240 [300–450]

Note: The table applies to electrodes with the H4 or H8 optional supplemental designator for diffusible hydrogen limits.

**Table 12.3**  
**M 270M/M 270 (A709/A709M) Gr. 250 [36], 345 [50], 345S [50S]**  
**Minimum Preheat and Interpass Temperatures, °C [°F] (see 12.14)**

Thickness t, mm [in]	Heat Input (as calculated by 5.12) kJ/mm [kJ/in]								
	1.2 [30] < HI ≤ 2.0 [50]			2.0 [50] < HI ≤ 2.8 [70]			HI > 2.8 [70]		
	H4	H8	H16	H4	H8	H16	H4	H8	H16
t ≤ 20 [3/4]	40 [125]	60 [150]	100 [200]	40 [100]	40 [100]	60 [150]	40 [100]	40 [100]	40 [100]
20 [3/4] < t ≤ 40 [1-1/2]	60 [150]	100 [200]	100 [225]	60 [100]	65 [150]	100 [200]	40 [100]	60 [100]	80 [200]
40 [1-1/2] < t ≤ 60 [2-1/2]	100 [200]	120 [225]	120 [270]	80 [150]	100 [200]	120 [225]	60 [100]	80 [150]	80 [200]
t > 60 [2-1/2]	140 [300]	160 [325]	180 [350]	140 [275]	140 [300]	160 [325]	120 [250]	140 [275]	140 [300]

Note: H4, H8, and H16 are electrode optional supplemental designators for diffusible hydrogen.

**Table 12.4**  
**M 270M/M 270 (A 709/A 709M) Gr. 345W [50W], HPS 345W [HPS 50W], HPS 485W [HPS 70W] Minimum Preheat and Interpass**  
**Temperatures, °C [°F] (see 12.14)**

Thickness t, mm [in]	Heat Input (as calculated by 5.12) kJ/mm [kJ/in]								
	1.2 [30] < HI ≤ 2.0 [50]			2.0 [50] < HI ≤ 2.8 [70]			HI > 2.8 [70]		
	H4	H8	H16	H4	H8	H16	H4	H8	H16
t ≤ 20 [3/4]	40 [125]	60 [150]	80 [200]	40 [100]	40 [100]	60 [150]	40 [100]	40 [100]	40 [100]
20 [3/4] < t ≤ 40 [1-1/2]	100 [200]	100 [250]	120 [275]	80 [175]	100 [200]	120 [250]	60 [150]	80 [175]	100 [200]
40 [1-1/2] < t ≤ 60 [2-1/2]	140 [300]	160 [325]	180 [350]	140 [275]	140 [300]	160 [325]	120 [250]	140 [275]	160 [300]
t > 60 [2-1/2]	180 [350]	180 [350]	200 [375]	160 [325]	180 [350]	200 [350]	140 [300]	160 [325]	180 [350]

Note: H4, H8, and H16 are electrode optional supplemental designators for diffusible hydrogen.

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[Note – the changes are illustrated below using ~~strikeout~~ for proposed removal of existing text and **gray** highlights to indicate the proposed revised text. ONLY the highlighted text and ~~strikeout~~ text is within the scope of this ballot. Rationale Statements are in **RED** and only used to add clarity; these statements will NOT be in the finished publication]

NSF International Standard/  
American National Standard  
for Food Equipment —

## Commercial refrigerators and freezers

- 
- 
- 

### 9.7 Doors

**9.7.1** In addition to the requirements specified in 5.9, sliding doors on display refrigerators shall be readily removable, or shall be removable and easily cleanable as installed.

**9.7.2** Display refrigerators with automatic lockout shall be equipped with:

- an automatic door lock; and
- self-closing door(s); and
- a feature that would allow the door to be unlocked only by an operator/employee or service person.

~~NOTE — door may not be self-closing when opened greater than 90-degree arc to facilitate servicing.~~

**NOTE** – The self-closing feature of a self-closing door is not required to function when the door is opened to a position beyond a 90-degree arc.

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## NSF/ANSI 50 – 2015

### Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities

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#### B.5.3 Challenge water

	swimming pool/spa/hot tub filters
water temperature	75 ± 10 °F (24 ± 6 °C)
turbidity prior to adding silica	≤ 2 NTU
turbidity after adding silica #140	45 ± 40 <del>5</del> NTU

#### B.5.4 Turbidity reduction test method

- a) Determine the volume of water needed to achieve a turnover rate of no greater than 30 min when the filter is operated at the design flow rate. Fill the test tank with the required volume of water.
- b) Sample the water in the tank and determine the turbidity level (TB1) in NTU. Add a sufficient quantity of silica #140 to obtain a turbidity level (TB2) of 45 ± 40 ~~5~~ NTU.
- c) Install and condition the filter according to the manufacturer's instructions. Operate the filter at the design flow rate.
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## NSF/ANSI Standard for Personal Care Products

# Personal Care Products Containing Organic Ingredients

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### 7.6 Labeling of non-retail containers used only for shipping or storage of raw or processed ~~agricultural ingredient~~ products

Non-retail containers used to ship or store raw or processed ~~agricultural~~ products labeled as containing organic ingredients shall display:

- production lot number of the product if applicable; ~~and~~
- ~~name and contact information of the handler/shipper that sold the finished product;~~
- ~~name and contact information of the agent that certified the handler that assembled the final product;~~
- ~~identification of the product as organic; and~~
- if applicable, the phrase "Certified to NSF/ANSI 305." This phrase shall be clearly visible on the container of any ~~ingredients~~ products certified to this Standard.

Non-retail containers used only to ship or store raw or processed ~~ingredients~~ products may display the following:

- *the percentage of organic ingredients in the product;*
- *the statement, "Contains organic (specified ingredients or ingredient groups)," provided that the statement does not list more than three organically produced ingredients;*
- name and contact information of the handler/shipper that sold the finished product;
- name of the agent that certified the handler that assembled the final product;
- special handling instructions needed to maintain the organic integrity of the product; and/or
- if applicable, the seal, logo, or other identifying mark of the agent that certified the organic production or handling operation that produced or handled the finished product.

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**BSR/RESNET/ICC Standard 301-2014 Addendum C-201x PDS-01**  
**June 13, 2016**

*Modify Table 4.2.2(1) as follows:*

**Table 4.2.2(1) Specifications for the Energy Rating Reference and Rated Homes**

<b>Building Component</b>	<b>Energy Rating Reference Home</b>	<b>Rated Home</b>
Air exchange rate	Specific Leakage Area (SLA) <sup>(d)</sup> = 0.00036 <sup>(f)</sup> <u>as supplemented by mechanical ventilation added in quadrature<sup>(g)</sup> where necessary to bring the total air exchange rate to 0.30 ach and assuming no energy recovery and with energy loads calculated in quadrature<sup>(f), (g)</sup></u>	<p>Tested in accordance with requirements such as or equivalent to <u>ANSI/RESNET/ICC Standard 380-2016 Section 802 of the Mortgage Industry National Home energy Rating Systems Standards</u></p> <p>For residences, without Whole-House Mechanical Ventilation Systems, the measured infiltration rate<sup>(e)</sup> but not less than 0.30 ach</p> <p>For residences with Whole-House Mechanical Ventilation Systems, the measured infiltration rate<sup>(e),(f)</sup> combined <u>in quadrature<sup>(g)</sup></u> with the time-averaged Whole-House Mechanical Ventilation System rate,<sup>(f)</sup> <u>which The time-averaged Whole-House Mechanical Ventilation System rate shall not be less than <math>0.030, 0.01 \times \text{CFA} + 7.5 \times (\text{Nbr} + 1) \text{ cfm}^{(h),(i)}</math> and with energy loads calculated in quadrature<sup>(g)</sup></u></p>
Whole-House Mechanical ventilation <u>fan energy:</u>	None, except where a mechanical ventilation system is specified by the Rated Home, in which case: Where Rated Home has supply-only or exhaust-only Whole-House Ventilation System:	Same as Rated Home

**Table 4.2.2(1) Specifications for the Energy Rating Reference and Rated Homes**

Building Component	Energy Rating Reference Home	Rated Home
	0.35*fanCFM*8.76 kWh/y Where Rated Home has balanced Whole-House Ventilation System without energy recovery: 0.70* fanCFM*8.76 kWh/y Where Rated Home has balanced Whole-House Ventilation System with energy recovery: 1.00*fanCFM*8.76 kWh/y And where fanCFM is calculated <del>in accordance with Section 4.1.2</del> <del>ASHRAE Standard 62.2-2013 as</del> <del>0.01 x CFA + 7.5 x (Nbr+1) cfm<sup>(h)</sup></del> <del>for a continuous Whole House</del> <del>Ventilation System.</del>	

(d) Where Effective Leakage Area (ELA) is defined in accordance with Equation 4.4 of ASHRAE Standard 62.2-2013, and where  $SLA = ELA / CFA$  (where ELA and CFA are in the same units).

(e) Tested envelope leakage shall be determined and documented by an Approved Tester using the on-site inspection protocol as specified by requirements such as or equivalent to ANSI/RESNET/ICC Standard 380-2016 Section 802 of the Mortgage Industry National Home Energy Rating Systems Standards by an Approved Tester.

(f) ~~The combined air exchange rate for~~ Effective Annual Average Infiltration Rate (cfm) and Whole-House Mechanical Ventilation Systems shall be determined in accordance with Equation 4.6 Section 4.1.2 of ASHRAE Standard 62.2-2013.

(g) Either hourly calculations using the procedures given in the 2013 ASHRAE Handbook of Fundamentals (IP version), Chapter 16, page 16.25, Equation 51 using Shelter Class 4 or calculations yielding equivalent results shall be used to determine the energy loads resulting from infiltration in combination with Whole-House Mechanical Ventilation systems.

(h) Where the measured Effective Annual Average Infiltration Rate determined in accordance with Section 4.1.2 of ASHRAE Standard 62.2-2013 exceeds 0.02\*CFA cfm, the minimum time-averaged Whole-House Mechanical Ventilation System rate shall be reduced by 50% of the difference between 0.02\*CFA cfm and the measured Effective Annual Average Infiltration Rate (cfm).

(i) Where Whole-House Mechanical Ventilation is provided by a Central Fan-Integrated System (CFIS), the measured outdoor air flow rate of the CFIS, as determined in accordance with ANSI/RESNET/ICC Standard 380-2016, shall be used to compute the necessary run-time fraction of the CFIS required to achieve the time-averaged Whole-House Mechanical Ventilation system rate.

*Renumber all following Table 4.2.2(1) notes.*

***Modify Section 4.3.3.2.5 as follows:***

**4.3.3.2.5.** Combined infiltration and ventilation may not be ~~less than the ventilation rates required by ASHRAE Standard 62.2-2013,~~ nor greater than  $nL * wsf * 1.2$  in summer and  $nL * wsf * 1.6$  in winter.

***Add the following definitions:***

**Effective Annual Average Infiltration Rate** – the constant air infiltration rate in cubic feet per minute (cfm) that would result in the same average indoor pollutant concentration over the annual period as occurs under varying infiltration conditions.

**Central Fan-Integrated System** – an outdoor air ventilation system that uses the blower of the Heating, Ventilating and Cooling (HVAC) system to draw outdoor air into the home through a dedicated duct from the outdoors to the return side of the HVAC system's air handler unit (AHU) for distribution to the conditioned space.

## BSR/UL 268A, Standard for Safety for Smoke Detectors for Duct Application

### PROPOSAL

#### 1. Addition of Field Service Test Requirements

##### 53 Sensitivity Tests of Smoke Sensing Chamber(s)

53.1 The sensitivity of the sensing head or projected beam assembly, employed as a component of an air duct smoke detector, shall comply with the following sections of the Standard for Smoke Detectors for Fire Alarm Signaling Systems, UL 268:

a) Performance Tests:

- 1) Sensitivity
- 2) Directionality (where applicable)
- 3) Lamp Interchangeability (Photoelectric)
- 4) Reduction in Light Output (Photoelectric)
- 5) Stability
- 6) Overvoltage and Undervoltage
- 7) Vibration
- 8) Jarring
- 9) Variable Ambient Temperature
- 10) Humidity
- 11) Corrosion
- 12) Transient
- 13) Static Discharge
- 14) Dust
- 15) Endurance
- 16) Polarity Reversal
- 17) Accelerated Aging (Long-Term Stability Test - not required)
- 18) Temperature Test (Polymeric Materials)

19) Field Service Test

b) Manufacturing and Production Tests:

- 1) Sensitivity Calibration
- 2) Smoke
- 3) Photocell Illuminating Lamp.

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