ANSI STANDARDS ACTION

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

*VOL. 46, #41* *October 9, 2015*

## Contents



# American National Standards

## Call for comment on proposals listed

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

**Ordering Instructions for "Call-for-Comment" Listings**

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

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

* Standard for consumer products



**ISSN 0038-9633**

# Comment Deadline: November 8, 2015

## NSF (NSF International)

***Revision***

BSR/NSF 170-201x (i17r2), Glossary of Food Equipment Terminology (revision of ANSI/NSF 170-2014)

Definitions covered by this Standard consist of terminology related to food equipment, including terms describing equipment, materials, design, construction, and performance testing. This Standard includes common definitions of terms used throughout NSF Food Equipment and Sanitation Standards.

Click here to view these changes in full

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

## UL (Underwriters Laboratories, Inc.)

***Revision***

BSR/UL 746A-201x, Standard for Safety for Polymeric Materials - Short Term Property Evaluations (revision of ANSI/UL 746A-2015)

The following changes for 746A are being proposed: (1) Clarification between Short-Term Properties (UL 746A) and Long-Term Properties (UL 746B) within Table 9.1 (746A), and (2) Editorial Revision to the title of Section 20 STP.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Raymond Suga, (631) 546-2593, raymond.m.suga@ul.com

## UL (Underwriters Laboratories, Inc.)

***Revision***

BSR/UL 858-201x, Standard for Safety for Household Electric Ranges (revision of ANSI/UL 858-2015a)

(1) New requirements for radiant, open-wire/ribbon-heating elements guarded by mesh barriers.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Amy Walker, (847) 664-2023, Amy.K.Walker@ul.com

## UL (Underwriters Laboratories, Inc.)

***Revision***

BSR/UL 1703-201x, Standard for Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 1703-2015a)

(2) Revision to Paragraph 16.4.1 to further define a Type 3 module or panel.

Click here to view these changes in full

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

# Comment Deadline: November 23, 2015

## AIAA (American Institute of Aeronautics and Astronautics)

***New Standard***

BSR/AIAA S-102.2.5-201X, Performance-Based Sneak Circuit Analysis (SCA) Requirements (new standard)

Establishes uniform requirements and criteria for a performance-based sneak circuit analysis (SCA).

Single copy price: Free

Obtain an electronic copy from: AIAA

Order from: Hillary Woehrle, (703) 264-7546, hillaryw@aiaa.org

Send comments (with copy to psa@ansi.org) to: Hillary Woehrle, (703) 264-7546, hillaryw@aiaa.org

## AISI (American Iron and Steel Institute)

***Revision***

BSR/AISI S400-2015, North American Standard for Seismic Design of Cold-Formed Steel Structural Systems (revision, redesignation and consolidation of ANSI/AISI S213-2007 w/S1-2009 (R2012), ANSI/AISI S110-2008 & S1-2009 (R2012))

This North American Standard for Seismic Design of Cold-Formed Steel Structural Systems is applicable for the design and construction of cold-formed steel members and connections in seismic force resisting systems (SFRS) in buildings and other structures.

Single copy price: Free

Obtain an electronic copy from: hchen@steel.org/doates@steel.org

Order from: Helen Chen, (202) 452-7100, Hchen@steel.org

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

## AMCA (Air Movement and Control Association)

***Revision***

BSR/AMCA Standard 500-L-201x, Laboratory Methods of Testing Louvers for Rating (revision and redesignation of ANSI/AMCA 500-L-2012)

Additions were made to accommodate testing for louvers built to resist wind driven sand.

Single copy price: $5.00

Obtain an electronic copy from: amuledy@amca.org

Order from: Amanda Muledy, (847) 394-0150, amuledy@amca.org

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

## AMCA (Air Movement and Control Association)

***Revision***

BSR/AMCA Standard 550-201x, Test Method for High Velocity Wind Driven Rain Resistant Louvers (revision and redesignation of ANSI/AMCA 550 -2009)

Changes included in this revision to BSR/AMCA 550: (1) In order to be able to test a louver to the AMCA 550 standard and then check test it under AMCA 500-L Wind Driven Rain, the louver size was changed from a 48 in x 48 in to a 1000mm x 1000mm (39.37 in x 39.37 in) core area louver which is the standard size for the AMCA 500-L test; (2) The AMCA 550 test standard was developed to replicate the Dade County Test Standard, TAS-100a. Most louvers that were originally tested for this Dade County Test Standard required a damper behind the louver in the closed position. Changes have been made to this standard in order to address and call out when these dampers are use.

Single copy price: $5.00

Obtain an electronic copy from: amuledy@amca.org

Order from: Amanda Muledy, (847) 394-0150, amuledy@amca.org

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

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

***New Standard***

BSR ASA S3.52-201x, Measurements of the Threshold of Hearing and Signal Detectability in a Sound Field (new standard)

Covers requirements, conditions and procedures for threshold-of-hearing measurements in a sound field. May also be used for conducting other sound-field hearing tests and as a research tool for assessing the effects of listening conditions and headgear worn by the listener on detectability of various test signals. Three sound fields are references: free, quasi-free, and diffuse sound fields. Test signals include frequency-modulated/warble tones and narrow-band noises.

Single copy price: $120.00

Obtain an electronic copy from: asastds@acousticalsociety.org

Order from: Susan Blaeser, (631) 390-0215, asastds@acousticalsociety.org

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

## ASABE (American Society of Agricultural and Biological Engineers)

***New National Adoption***

BSR/ASABE AD20966-2007 MONYR-201x, Automatic milking installations - Requirements and testing (national adoption of ISO 20966 with modifications and revision of ANSI/ASABE AD20966:2011)

Updated to more clearly articulate that the “fit and finish” standards for US milking systems are different than those with ISO and to update the 3-A references that are used for “fit and finish” on US milking systems to be in a format that infers “the most recent edition”.

Single copy price: $58.00

Obtain an electronic copy from: walsh@asabe.org

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

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

## ASABE (American Society of Agricultural and Biological Engineers)

***New National Adoption***

BSR/ASABE AD5707-2007 MONYEAR-201x, Milking Machine Installations - Construction and Performance (national adoption of ISO 5707 with modifications and revision of ANSI/ASABE AD5707:2011)

Updated to more clearly articulate that the “fit and finish” standards for US milking systems are different than those with ISO and to update the 3-A references that are used for “fit and finish” on US milking systems to be in a format that infers “the most recent edition”.

Single copy price: $58.00

Obtain an electronic copy from: walsh@asabe.org

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

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

## ASABE (American Society of Agricultural and Biological Engineers)

***Reaffirmation***

BSR/ASABE S593.1-JAN2011 (R201x)), Terminology and Definitions for Biomass Production, Harvesting and Collection, Storage, Processing, Conversion and Utilization (reaffirmation of ANSI/ASABE S593.1-2011)

The standard provides terminologies that are used in biomass feedstock production, harvesting, collection, handling, storage, processing and conversion, bioenergy, biofuels, biopower, and bioproducts.

Single copy price: $58.00

Obtain an electronic copy from: walsh@asabe.org

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

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

## ASABE (American Society of Agricultural and Biological Engineers)

***Reaffirmation***

BSR/ASABE S612-JUL2009 (R201x), Performing On-Farm Energy Audits (reaffirmation and redesignation of ANSI/ASABE S612-2009)

This Standard is intended to support energy audits of all types of farming operations (which includes ranching) typically found in North America. Energy audits shall exclude the farm residence, except where it is not practical to separate baseline data.

Single copy price: $58.00

Obtain an electronic copy from: walsh@asabe.org

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

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

## ASABE (American Society of Agricultural and Biological Engineers)

***Reaffirmation***

BSR/ASAE EP403.4-NOV-2011 (R201x), Design of Anaerobic Lagoons for Animal Waste (reaffirmation of ANSI/ASAE EP403.4-NOV-2011)

This Engineering Practice describes the minimum criteria for design and operation of anaerobic animal waste lagoons located in predominantly rural or agricultural areas.

Single copy price: $58.00

Obtain an electronic copy from: walsh@asabe.org

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

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

## ASABE (American Society of Agricultural and Biological Engineers)

***Reaffirmation***

BSR/ASAE S261.7-FEB1989 (R201x), Design and Installation of Nonreinforced Concrete Irrigation Pipe Systems (reaffirmation of ANSI/ASAE S261.7-OCT96 (R2011))

This Standard is intended as a guide to engineers in the design and installation of low- or intermediate-pressure nonreinforced concrete irrigation pipelines and for the preparation of detailed specifications for a particular installation. It is restricted to pipelines with vents or stands open to the atmosphere or closed pipelines operating at less than 6 m (20 ft) of head. It is not intended to serve as a complete set of design criteria and construction specifications.

Single copy price: $58.00

Obtain an electronic copy from: walsh@asabe.org

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

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

## ASC X9 (Accredited Standards Committee X9, Incorporated)

***New Standard***

BSR X9.119-2-201x, Requirements for Protection of Sensitive Payment Card Data - Part 2: Using Tokenization Methods (new standard)

Theft of sensitive card data during a retail payment transaction is increasingly becoming a major source of financial fraud. Besides an optional encrypted PIN, this data includes magnetic-stripe track-2 data: PAN, expiration date, card verification value, and issuer private data. While thefts of this data at all segments of the transaction processing system have been reported, the most vulnerable segments are between the point of transaction device capturing the magnetic stripe data and the processing systems at the acquirer. This document would standardize the security requirements and implementation for a method for protecting this sensitive card data over these segments using tokenization and would be a companion standard to X9.119 part 1. Several implementations exist to address this situation. This document would provide guidance for evaluating these implementations.

Single copy price: $100.00

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

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

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

## ASC X9 (Accredited Standards Committee X9, Incorporated)

***Revision***

BSR X9.24-2-201x, Retail Financial Services Symmetric Key Management - Part 2: Using Asymmetric Techniques for the Distribution of Symmetric Keys (revision of ANSI X9.24 Part 2-2006 (R2013))

Compliant implementation of the requirements stated in ANS X9.24 Part 1 for the secure management of symmetric TDEA keys requires unique keys per device and strict enforcement of dual control and split knowledge processes for handling the full-length keying material deployed to remote devices or established between communicating pairs. Historically, compliant implementation of key distribution has been a manually performed, physically on-site process that is difficult to manage, costly, and/or non-existent (i.e., not compliant). An automated rather than manual method of distributing symmetric keys could address these issues and could result in improved security.

Single copy price: $140.00

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

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

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

## ATIS (Alliance for Telecommunications Industry Solutions)

***Withdrawal***

BSR/ATIS 0700713-2006 (R2011), Personal Communications Services (PCS 1900) - Specifications (withdrawal of ANSI/ATIS 0700713-2006 (R2011))

This standard is a reference document of GSM specifications for North American PCS1900 Standards which include the Air-Interface, A-Interface (BCS to MSC), and the MAP (Mobile Application Part) Specifications and other features and services for PCS1900.

Single copy price: $110.00

Obtain an electronic copy from: kconn@atis.org

Order from: Kerrianne Conn, (202) 434-8841, kconn@atis.org

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

## ATIS (Alliance for Telecommunications Industry Solutions)

***Withdrawal***

BSR/ATIS 0700715-2000 (R2011), IMT-2000 CDMA DS and TDD Radio Interface Specifications (withdrawal of ANSI/ATIS 0700715-2000 (R2011))

This standard describes in detail the specification for the IMT-2000 Radio Access Network Interface suitable for a third generation wireless mobile system to operate in any licensed North American band of frequencies. The frequencies to be used for IMT-2000 operation in North America will include the PCS band of frequencies at 1900 MHz. The list of 3GPP Radio Access Network Interface Specifications are defined and described in clause 3.

Single copy price: $110.00

Obtain an electronic copy from: kconn@atis.org

Order from: Kerrianne Conn, (202) 434-8841, kconn@atis.org

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

## Home Innovation (Home Innovation Research Labs)

***Revision***

BSR/ICC 700-201x, National Green Building Standard (revision of ANSI/ICC 700-2012)

The provisions of this Standard shall apply to design and construction of the residential portion(s) of any building, not classified as an institutional use, in all climate zones. This Standard shall also apply to subdivisions, building sites, building lots, accessory structures, and the residential portions of alterations, additions, renovations, mixed-use buildings, and historic buildings.

Single copy price: $25.00 (paper copy); free (electronic copy)

Obtain an electronic copy from: www.homeinnovation.com/NGBS

Order from: Vladimir Kochkin, (301) 430-6249, vkochkin@HomeInnovation.com

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

## ICC (International Code Council)

***New Standard***

BSR/ICC 805-201x, Standard for Rainwater Collection System Design and Installation (new standard)

This standard applies to the design, installation, and maintenance of rainwater collection systems intended to collect, store, treat, distribute and utilize rainwater for potable and nonpotable applications. This standard is intended to apply to new rainwater collection installations as well as alterations, additions, maintenance and repair to existing installations. Includes systems designed for residential, commercial, industrial, and agricultural applications.

Single copy price: Free

Obtain an electronic copy from: http://www.iccsafe.org/codes-tech-support/codes/code-development-process/is-rcsdi/

Order from: Edward Wirtschoreck, (888) 422-7233, ewirtschoreck@iccsafe.org

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

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

***New Standard***

BSR C63.26-201x, Compliance Testing of Transmitters Used in Licensed Radio Services (new standard)

This consensus standard specifies methods, instrumentation, and facilities requirements for the compliance testing radio transmitters designed to operate in a licensed radio service.

Single copy price: N/A

Order from: Sue Vogel, 732-562-3817, s.vogel@ieee.org

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

## ISEA (International Safety Equipment Association)

***Revision***

BSR/ISEA 105-201x, Hand Protection Classification (revision of ANSI/ISEA 105-2011)

This standard addresses the classification and testing of hand protection for specific performance properties related to chemical and industrial applications. Hand protection includes gloves, mittens, partial gloves, or other items covering the hand or a portion of the hand that are intended to provide protection against or resistance to a specific hazard.

Single copy price: $35.00

Obtain an electronic copy from: isea@safetyequipment.org

Order from: isea@safetyequipment.org

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

## ISEA (International Safety Equipment Association)

***Revision***

BSR/ISEA 107-201x, High-Visibility Safety Apparel and Accessories (revision of ANSI/ISEA 107-2010)

This standard specifies performance requirements for high visibility safety apparel and accessory PPE. Performance requirements are included for color, retroreflection, and minimum areas of background, retroreflective and combined-performance materials used in the construction of high-visibility garment configurations.

Single copy price: $60.00

Obtain an electronic copy from: isea@safetyequipment.org

Order from: isea@safetyequipment.org

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

## NEMA (ASC C136) (National Electrical Manufacturers Association)

***Revision***

BSR C136.10-2015, Standard for Roadway and Area Lighting Equipment - Locking-Type Photocontrol Devices and Mating Receptacles - Physical and Electrical Interchangeability and Testing (revision of ANSI C136.10-2010)

This standard covers the following roadway and area lighting equipment, which may be physically and electrically interchanged to operate within established values: a) Locking-type photocontrol, referred to in this standard as “œphotocontrol,”□ (b) Locking-type mating receptacle, referred to in this standard as “œreceptacle.” and□ (c) Shorting and open caps.

Single copy price: $60.00

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

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

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

## UL (Underwriters Laboratories, Inc.)

***New National Adoption***

BSR/UL 60079-18-201X, Standard for Safety for Explosive Atmospheres - Part 18: Equipment Protection by Encapsulation "m" (Proposal dated 10-09-15) (national adoption of IEC 60079-18 with modifications and revision of ANSI/UL 60079-18-2012a)

This proposal includes the new Fourth Edition of the Standard for Safety for Explosive Atmospheres - Part 18: Equipment Protection by Encapsulation "m" (fourth edition, issued by IEC December 2014) as a new IEC-based UL standard, UL 60079-18 with US differences.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

## UL (Underwriters Laboratories, Inc.)

***New Standard***

BSR/UL 464A-201X, Standard for Safety for Audible Signal Appliances for General Signaling Use (new standard)

New proposed first edition of UL 464A, covering electrically and electronically operated bells, buzzers, horns, and similar audible signal appliances, rated 300 volts or less, for commercial general signaling service and intended for indoor or outdoor locations or both in accordance with the National Electrical Code, NFPA 70.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Paul Lloret, (408) 754-6618, Paul.E.Lloret@ul.com

### UL (Underwriters Laboratories, Inc.)

***New Standard***

BSR/UL 1480A-201X, Standard for Safety for Speakers for Commercial and Professional Use (new standard)

New proposed first edition of UL 1480A, covering speakers for indoor and/or outdoor use in dry, damp, wet, or underwater locations intended for (a) Commercial and professional audio systems providing non-emergency sound reinforcement; and (b) Non-fire emergency voice-warning systems in accordance with the National Electrical Code, NFPA 70.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Paul Lloret, (408) 754-6618, Paul.E.Lloret@ul.com

### UL (Underwriters Laboratories, Inc.)

***Reaffirmation***

BSR/UL 1067-2011(R201x), Standard for Safety for Electrically Conductive Equipment and Materials for Use in Flammable Anesthetizing Locations (Proposal dated 10-09-15) (reaffirmation of ANSI/UL 1067-2011a)

This proposal is a reaffirmation and continuance of the fifth edition of the Standard for Safety for Electrically Conductive Equipment and Materials for Use in Flammable Anesthetizing Locations.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: Vickie Hinton, (919) 549-1851, Vickie.T.Hinton@ul.com

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

### UL (Underwriters Laboratories, Inc.)

***Revision***

BSR/UL 428A-201X, Standard for Electrically Operated Valves for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (revision of ANSI/UL 428A-2015a)

Propose revisions to the Operations Test and Test Sequence.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

### UL (Underwriters Laboratories, Inc.)

***Revision***

BSR/UL 428B-201X, Electrically Operated Valves for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 428B-2015)

Propose revisions to the Operations Test and Test Sequence.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

### UL (Underwriters Laboratories, Inc.)

***Revision***

BSR/UL 998-201X, Standard for Safety for Humidifiers (Proposal dated 10-09-15) (revision of ANSI/UL 998-2011)

This proposal contains the following revisions: (1) Revision to allow additional VW-1-rated insulating materials; (2) Conductor size of internal wire; (3) Revision to allow power input in amperes, watts, or kilowatts for input test; (4) Addition of grounding symbol; (5) New supplement SA - smart enabled humidifiers; and (6) Updated references to UL Standards.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

### UL (Underwriters Laboratories, Inc.)

***Revision***

BSR/UL 2577-201X, Standard for Safety for Suspended Ceiling Grid Low Voltage Systems and Equipment (revision of ANSI/UL 2577-2013a)

The following topic for the Standard for Suspended Ceiling Grid Low Voltage Systems and Equipment, UL 2577/ULC-S2577, is being recirculated: (1) Withdrawal of proposal: Correct references to Canadian Electrical Code, Part I; (2) Withdrawal of proposal: Revise voltage references to correlate with Canadian Electrical Code, Part I.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Heather Sakellariou, (847) 664-2346, Heather.Sakellariou@ul.com

## Comment Deadline: December 8, 2015

### ALI (Automotive Lift Institute)

***Reaffirmation***

BSR/ALI ALIS:2009 (R201X), Standard for Automotive Lifts - Safety Requirements for Installation and Service (reaffirmation of ANSI/ALI ALIS:2009)

This standard provides guidance to the installer and service technician for the installation and service of automotive lifts, including required installation and service considerations and qualifications, training, reporting, and documentation for installers and service technicians.

Single copy price: $10.00

Order from: Bob O'Gorman, (607) 756-7775, info@autolift.org; bob@autolift.org

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

## ASME (American Society of Mechanical Engineers)

### *New Standard*

BSR/ASME A17.8-201x, Standard for Wind Turbine Elevators (new standard)

ASME A17.8 applies to elevators permanently installed in a wind tower to provide vertical transportation of authorized personnel and their tools and equipment only. Such elevators are typically subjected to extreme temperatures, humidity variations, and substantial horizontal motions where, by reason of their limited use and the types of construction of the structures served, full compliance with ASME A17.1/CSA B44 Part 2 is not practicable or necessary.

Single copy price: Free

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

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

Send comments (with copy to psa@ansi.org) to: Matthew Gerson, ansibox@asme.org

## ASME (American Society of Mechanical Engineers)

### *Revision*

BSR/ASME HST-6-201x, Performance Standard for Air Wire Rope Hoists (revision of ANSI/ASME HST-6-1999 (R2010))

(a) This Standard establishes performance requirements for air wire rope hoists for vertical lifting service involving material handling of freely suspended (unguided) loads using wire rope as the lifting medium with one of the following types of suspension: (1) lug; (2) hook or clevis; (3) trolley; (4) base or deck mounted (does not include winches of the type covered by ASME B30.7); or (5) wall or ceiling mounted (does not include winches of the type covered by ASME B30.7).

(b) This Standard is applicable to hoists manufactured after the date on which this Standard is issued. It is not applicable to: (1) damaged or malfunctioning hoists; (2) hoists that have been misused or abused; (3) hoists that have been altered without authorization of the manufacturer or a qualified person; (4) hoists used for lifting or supporting people; (5) hoists used for the purpose of drawing both the load and the hoist up or down the hoist's own wire rope; or (6) hoists used for marine and other applications as required by the Department of Defense (DOD).

The requirements of this Standard shall be applied together with the requirements of ASME B30.16. Please also refer to ASME B30.16 for requirements pertaining to marking, construction, and installation; inspection, testing and maintenance; and operations.

Single copy price: Free

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

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

Send comments (with copy to psa@ansi.org) to: Matthew Gerson, ansibox@asme.org

## ASME (American Society of Mechanical Engineers)

### *Revision*

BSR/ASME MFC-7-201x, Measurement of Gas Flow by Means of Critical Flow Venturi Nozzles (revision and redesignation of ANSI/ASME MFC-7M -1987 (R2014))

This Standard applies only to the steady flow of single-phase gases through critical flow venturis, CFVs, of shapes specified herein (also sometimes referred to as critical flow nozzles or critical flow venturi nozzles). This document applies to critical flow venturis with diverging sections on the downstream side of the throat. When a critical flow nozzle, CFN, (no diverging section) is discussed, it will be explicitly noted. This Standard specifies the method of use (installation and operating conditions) of CFVs. This standard also gives information necessary for calculating the mass flow of the gas and its associated uncertainty.

This Standard applies only to CFVs and CFNs in which the flow is critical. Critical flow exists when the mass flow through the CFV is the maximum possible for the existing upstream conditions. At critical flow or choked conditions, the average gas velocity at the CFV throat closely approximates the local sonic velocity,

This Standard specifically applies to cases in which:

(a) it can be assumed that there is a large volume upstream of the CFV or upstream of a set of CFVs mounted in a parallel flow arrangement (in a common plenum) thereby achieving higher flow; or

(b) the pipeline upstream of the CFV is of circular cross section with throat to pipe diameter ratio equal to or less than 0.25.

Single copy price: Free

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

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

Send comments (with copy to psa@ansi.org) to: Calvin J. Gomez, ansibox@asme.org

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

### *New National Adoption*

BSR/INCITS/ISO/IEC 18092:2013[2015], Information technology - Telecommunications and information exchange between systems - Near Field Communication - Interface and Protocol (NFCIP-1) (identical national adoption of ISO/IEC 18092:2013 and revision of INCITS/ISO/IEC 18092:2004[2010])

This standard defines communication modes for Near Field Communication Interface and Protocol (NFCIP 1) using inductive coupled devices operating at the centre frequency of 13,56 MHz for interconnection of computer peripherals. It also defines both the Active and the Passive communication modes of Near Field Communication Interface and Protocol (NFCIP-1) to realize a communication network using Near Field Communication devices for networked products and also for consumer equipment. This standard specifies, in particular, modulation schemes, codings, transfer speeds, and frame format of the RF interface, as well as initialization schemes and conditions required for data collision control during initialization. It also defines a transport protocol including protocol activation and data exchange methods.

Single copy price: $60.00

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

Order from: Deborah Spittle, (202) 626-5746, comments@itic.org

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

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

***New National Adoption***

BSR/INCITS/ISO/IEC 21481:2012[2015], Information technology - Telecommunications and information exchange between systems - Near Field Communication Interface and Protocol -2 (NFCIP-2) (identical national adoption of ISO/IEC 21481:2012 and revision of INCITS/ISO/IEC 21481:2005[2010])

ISO/IEC 18092, ISO/IEC 14443, and ISO/IEC 15693 specify the radio frequency signal interface, initialization, anti-collision and protocols for wireless interconnection of closely coupled devices and access to contactless integrated circuit cards operating at 13,56 MHz. This Standard specifies the communication mode selection mechanism, designed not to disturb any ongoing communication at 13,56 MHz, for devices implementing ISO/IEC 18092, ISO/IEC 14443, or ISO/IEC 15693. This Standard requires implementations to enter the selected communication mode as specified in the respective Standard. The communication mode specifications, however, are outside the scope of this Standard.

Single copy price: $60.00

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

Order from: Deborah Spittle, (202) 626-5746, comments@itic.org

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

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

***New National Adoption***

BSR/INCITS/ISO/IEC 22536:2013[2015], Information technology - Telecommunications and information exchange between systems - Near Field Communication Interface and Protocol (NFCIP-1) - RF interface test methods (identical national adoption of ISO/IEC 22536:2013 and revision of INCITS/ISO/IEC 22536:2005[2010])

This standard is part of a suite of standards that specify tests for ISO/IEC 18092. It defines test methods for the RF-interface. This standard specifies RF-test methods for NFCIP-1 devices with antennas fitting within the rectangular area of 50 mm by 40 mm. This test standard, the first of two parts, specifies compliance tests for the RF interface of ISO/IEC 18092 devices. The companion test standard ISO/IEC 23917 specifies protocol tests for ISO/IEC 18092.

Single copy price: $60.00

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

Order from: Deborah Spittle, (202) 626-5746, comments@itic.org

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

# 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.

---

**APPA (APPA - Leadership in Educational Facilities)**

**Office:** 1643 Prince Street
Alexandria, Virginia 22153

*Contact:* *John Bernhards*

**Phone:** (703) 684-1446

**Fax:** (703) 549-2772

**E-mail:** john@appa.org

BSR/APPA 1000-201x, Total Cost of Ownership (TCO) for Facilities Asset Management (new standard)

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

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

*Contact:* *Susan Blaeser*

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

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

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

BSR ASA S3.52-201x, Measurements of the Threshold of Hearing and Signal Detectability in a Sound Field (new standard)

Obtain an electronic copy from: asastds@acousticalsociety.org

**AWEA (American Wind Energy Association)**

**Office:** 1501 M Street, NW,
Suite 1000
Washington, DC 20005

*Contact:* *Michele Mihelic*

**Phone:** (202) 249-7344

**E-mail:** mmihelic@awea.org

BSR/AWEA 61400-12-1-201x, Power performance measurements of electricity producing wind turbines (identical national adoption of IEC 61400-12-1 (2005))

Obtain an electronic copy from: Standards@awea.org

**ISEA (International Safety Equipment Association)**

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

*Contact:* *Cristine Fargo*

**Phone:** (703) 525-1695

**Fax:** (703) 525-1698

**E-mail:** cfargo@safetyequipment.org

BSR/ISEA 105-201x, Hand Protection Classification (revision of ANSI/ISEA 105-2011)

Obtain an electronic copy from: isea@safetyequipment.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

BSR/INCITS/ISO/IEC 18092:2013[2015], Information technology - Telecommunications and information exchange between systems - Near Field Communication - Interface and Protocol (NFCIP-1) (identical national adoption of ISO/IEC 18092:2013 and revision of INCITS/ISO/IEC 18092:2004[2010])

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

BSR/INCITS/ISO/IEC 21481:2012[2015], Information technology - Telecommunications and information exchange between systems -- Near Field Communication Interface and Protocol -2 (NFCIP-2) (identical national adoption of ISO/IEC 21481:2012 and revision of INCITS/ISO/IEC 21481:2005[2010])

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

BSR/INCITS/ISO/IEC 22536:2013[2015], Information technology - Telecommunications and information exchange between systems - Near Field Communication Interface and Protocol (NFCIP-1) - RF interface test methods (identical national adoption of ISO/IEC 22536:2013 and revision of INCITS/ISO/IEC 22536:2005[2010])

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 C136.10-2015, Standard for Roadway and Area Lighting Equipment - Locking-Type Photocontrol Devices and Mating Receptacles - Physical and Electrical Interchangeability and Testing (revision of ANSI C136.10-2010)

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

**NW&RA (ASC Z245) (National Waste & Recycling Association)**

**Office:** 4301 Connecticut Ave, Suite 300
Washington, DC 20008

*Contact:* *Bret Biggers*

**Phone:** (202) 364-3710

**E-mail:** bbiggers@wasterecycling.org

BSR Z245.31-201x, Equipment Technology and Operations for Wastes and Recyclable Materials - Waste Containers - Wash Standards for Regulated Medical Wastes (new standard)

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

**Office:** 333 Pfingsten Road
Northbrook, IL 60062-2096

*Contact:* *Alan McGrath*

**Phone:** (847) 664-3038

**Fax:** (847) 664-3038

**E-mail:** alan.t.mcgrath@ul.com

BSR/UL 428A-201X, Standard for Electrically Operated Valves for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (revision of ANSI/UL 428A-2015a)

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

BSR/UL 428B-201X, Electrically Operated Valves for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (revision of ANSI/UL 428B-2015)

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

BSR/UL 464A-201X, Standard for Safety for Audible Signal Appliances for General Signaling Use (new standard)

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

BSR/UL 998-201X, Standard for Safety for Humidifiers (Proposal dated 10-09-15) (revision of ANSI/UL 998-2011)

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

# Call for Members (ANS Consensus Bodies)

## UL Standards Committees

### STP 2748 (Standards Technical Panel for Arc Fault Quenching Equipment)

STP 2748 is recruiting new participants in the following interest categories:

**AHJ/Regulator:** Those involved in the regulation or enforcement of the requirements of codes and standards at a regional (e.g., state or province) and/or local level. The authority having jurisdiction/regulator may be a regional or local department or individual such as a fire chief; fire marshal; chief of a fire prevention bureau, state department of insurance official, labor department, or health department; building official; electrical inspector; or others having statutory authority.
**Commercial/Industrial User:** Organizations that use the product, systems, or service covered by the pending Standard for Arc Fault Quenching Equipment, UL 2748, in a commercial or industrial setting. Examples include a restaurant owner/operator serving on an STP for commercial cooking equipment, or a gas station owner/operator serving on an STP for flammable liquid storage tanks. Representative of organizations that produce products, systems, or services covered by the standard, whose organization also uses the product, system, or services, are not eligible under this interest category.
**General Interest:** Consultants, members of academia, scientists, special experts, representatives of professional societies, representatives of trade associations, representatives of non-governmental organizations, representatives of companies that only private-brand label products (made by another manufacturer) covered by the STP, and other individuals, etc. that are not covered by the other interest categories.
**Government:** Representatives from national government agencies. For the U.S. representatives, these may include CPSC, FDA, EPA, DOT, DOE, DOD, NIST, etc. Also, representatives of regional (e.g., state or province) or local government bodies who do not fall under the AHJ/Regulator interest category.
**Supply Chain:** Component producers for an STP responsible for standards covering end-products or end-product producers for an STP responsible for standards covering components; and installers, distributors, and retailers. Manufacturers who have no manufacturing facilities for the products covered by STP 2748, but solely use contract manufacturers to make the products are considered part of the supply chain category. Wholesale or retail purchase-resellers for products made by other companies are also considered as part of the Supply Chain interest category.
**Testing and Standards Organization:** Organizations that test and/or certify products, services, or systems covered by the pending Standard for Arc Fault Quenching Equipment, UL 2748, or that develop standards/codes related to the products, services, or systems covered by the pending Standard.

STP 2748 covers the following document:

UL 2748 (Arc Fault Quenching Equipment)

Contact:

**Derrick Martin**
Underwriters Laboratories Inc.
455 East Trimble Road
San Jose, CA 95131-1230
PHONE: (408) 754-6656
FAX: (408) 754-6656

# Final Actions on American National Standards

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

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

***Reaffirmation***

ANSI/AAMI/ISO 11137-1-2006-2010 (R2015), Sterilization of health care products - Radiation - Part 1: Requirements for development, validation and routine control of a sterilization process for medical devices (reaffirmation of ANSI/AAMI/ISO 11137-1-2006 (R2010)): 10/6/2015

## ASC X9 (Accredited Standards Committee X9, Incorporated)

***Revision***

ANSI X9.100-120-2015, Bank Deposit Tickets (revision of ANSI X9.100-120-2010): 10/2/2015

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

***Addenda***

ANSI/ASHRAE Addendum 55f-2015, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2013): 10/1/2015

ANSI/ASHRAE/ASHE Addendum 170g-2015, Ventilation of Health Care Facilities (addenda to ANSI/ASHRAE Standard 170-2013): 10/1/2015

***Revision***

ANSI/ASHRAE Standard 41.7-2015, Standard Methods for Gas Flow Measurement (revision of ANSI/ASHRAE Standard 41.7-1984 (R2006)): 10/1/2015

ANSI/ASHRAE Standard 79-2015, Method of Testing for Fan-Coil Units (revision of ANSI/ASHRAE Standard 79-2002 (R2006)): 10/1/2015

## ASTM (ASTM International)

***Revision***

ANSI/ASTM E1325-2015, Terminology Relating to Design of Experiments (revision of ANSI/ASTM E1325-2002 (R2008)): 10/1/2015

## AWWA (American Water Works Association)

***Revision***

ANSI/AWWA B603-2015, Permanganates (revision of ANSI/AWWA B603-2010): 10/6/2015

## CSA (CSA Group)

***Revision***

* ANSI Z21.10.3-2015, Gas Water Heaters, Volume III, Storage Water Heaters with Input Ratings Above 75,000 Btu per Hour, Circulating or Instantaneous (same as CSA 4.3-201x) (revision of ANSI Z21.10.3-2014): 10/5/2015

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

***New Standard***

ANSI/IICRC S520-2015, Standard for Professional Mold Remediation (new standard): 10/6/2015

***Revision***

ANSI/IICRC S500-2015, Standard and Reference Guide for Professional Water Damage Restoration (revision of ANSI/IICRC S500-2006): 10/6/2015

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

***Supplement***

INCITS 480-2011/AM1-2015, Information technology - BIOS Enhanced Disk Drive Specification - 4 (EDD-4) - Amendment 1 (supplement to ANSI INCITS 480-2011): 10/2/2015

## LIA (ASC Z136) (Laser Institute of America)

***Revision***

ANSI Z136.6-2015, Standard for Safe Use of Lasers Outdoors (revision of ANSI Z136.6-2005): 10/5/2015

## NFPA (National Fire Protection Association)

***New Standard***

ANSI/NFPA 652-2015, Standard on the Fundamentals of Combustible Dusts (new standard): 9/7/2015

***Revision***

ANSI/NFPA 11-2015, Standard for Low-, Medium-, and High-Expansion Foam (revision of ANSI/NFPA 11-2010): 9/7/2015

ANSI/NFPA 13-2015, Standard for the Installation of Sprinkler Systems (revision of ANSI/NFPA 13-2013): 9/7/2015

ANSI/NFPA 13R-2015, Standard for the Installation of Sprinkler Systems in Low-Rise Residential Occupancies (revision of ANSI/NFPA 13R-2013): 9/7/2015

ANSI/NFPA 24-2015, Standard for the Installation of Private Fire Service Mains and Their Appurtenances (revision of ANSI/NFPA 24 -2012): 9/7/2015

ANSI/NFPA 33-2015, Standard for Spray Application Using Flammable or Combustible Materials (revision of ANSI/NFPA 33 -2011): 9/7/2015

ANSI/NFPA 72-2015, National Fire Alarm and Signaling Code (revision of ANSI/NFPA 72-2013): 9/7/2015

ANSI/NFPA 520-2015, Standard on Subterranean Spaces (revision of ANSI/NFPA 520-2010): 9/7/2015

ANSI/NFPA 1710-2015, Standard for the Organization and Deployment of Fire Suppression Operations, Emergency Medical Operations, and Special Operations to the Public by Career Fire Departments (revision of ANSI/NFPA 1710-2010): 10/1/2015

ANSI/NFPA 1901-2015, Standard for Automotive Fire Apparatus (revision of ANSI/NFPA 1901-2009): 9/7/2015

ANSI/NFPA 1917-2015, Standard for Automotive Ambulances (revision of ANSI/NFPA 1917-2013): 10/1/2015

## NSF (NSF International)

***Revision***

* ANSI/NSF 60-2015 (i68r1), Drinking Water Treatment Chemicals - Health Effects (revision of ANSI/NSF 60-2014a): 10/6/2015

## NW&RA (ASC Z245) (National Waste & Recycling Association)

### *Revision*

ANSI Z245.41-2015, Equipment Technology and Operations for Wastes and Recyclable Materials - Facilities for the Processing of Commingled Recyclable Materials - Safety Requirements (revision of ANSI Z245.41-2008): 10/6/2015

## UL (Underwriters Laboratories, Inc.)

### *New National Adoption*

* ANSI/UL 60065-2015, Standard for Safety for Audio, Video and Similar Electronic Apparatus - Safety Requirements (national adoption of IEC 60065 with modifications and revision of ANSI/UL 60065-2013): 9/30/2015

* ANSI/UL 60065-2015a, Standard for Safety for Audio, Video and Similar Electronic Apparatus - Safety Requirements (national adoption of IEC 60065 with modifications and revision of ANSI/UL 60065-2013): 9/30/2015

ANSI/UL 60079-1-2015, Standard for Safety for Explosive Atmospheres - Part 1: Equipment Protection by Flameproof Enclosures "d" (Proposal dated 05-22-15) (national adoption of IEC 60079-1 with modifications and revision of ANSI/UL 60079-1-2009 (R2013)): 9/18/2015

### *New Standard*

ANSI/UL 2460-2015, Standard for Safety for Nonshielded Cable (Proposal dated 8-7-15) (new standard): 9/29/2015

### *Reaffirmation*

ANSI/UL 1236-2011 (R2015), Standards for Safety for Battery Chargers for Charging Engine-Starter Batteries (reaffirmation of ANSI/UL 1236-2011a): 10/5/2015

### *Revision*

ANSI/UL 486E-2015, Standard for Safety for Equipment Wiring Terminals for Use with Aluminum and/or Copper Conductors (revision of ANSI/UL 486E-2013): 9/30/2015

ANSI/UL 1472-2015, Standard for Safety for Solid State Dimming Controls (revision of ANSI/UL 1472-2006 (R2011)): 9/24/2015

ANSI/UL 1472-2015a, Standard for Safety for Solid State Dimming Controls (revision of ANSI/UL 1472-2006 (R2011)): 9/24/2015

* ANSI/UL 2021-2015, Standard for Safety for Fixed and Location-Dedicated Electric Room Heaters (revision of ANSI/UL 2021 -2013a): 9/30/2015

# Project Initiation Notification System (PINS)

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

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

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

---

**APPA (APPA - Leadership in Educational Facilities)**

**Office:** 1643 Prince Street
Alexandria, Virginia 22153

*Contact:* *John Bernhards*

**Fax:** (703) 549-2772

**E-mail:** john@appa.org

BSR/APPA 1000-201x, Total Cost of Ownership (TCO) for Facilities Asset Management (new standard)

Stakeholders: Owners of buildings, facilities, infrastructure, general site, and property. Other stakeholders within the following asset management disciplines: architecture, building design and planning, construction, building/facilities management, operations and maintenance, energy management, users of assets, and capital needs planners.

Project Need: Establish a common framework for owners of facilities assets to identify and more effectively track and manage costs of a facility, building, or supporting infrastructure or assets over the full life cycle, utilizing Total Cost of Ownership (TCO) principles. The common framework would forecast investment needs, and simplify data decision requirements by creating and utilizing a standard data set, for purposes of maintaining a financially sustainable future for all asset investments.

This standard defines and describes the framework and principles required to successfully manage a facility capital asset or assets. It provides a common framework for owners of facilities assets to track and monitor TCO and to effectively manage a facility (building or infrastructure) throughout its full life cycle, utilizing data-based decision making. Areas of application for this standard include project delivery (planning, design, construction and commissioning); maintenance and operations; and recapitalization. The standard can be applied to all types of facilities assets.

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

**Office:** 2950 Niles Road
St Joseph, MI 49085

*Contact:* *Carla VanGilder*

**Fax:** (269) 429-3852

**E-mail:** vangilder@asabe.org

BSR/ASABE/ISO 3776-2-201x MONYEAR, Tractors and Machinery for Agriculture - Seat Belts - Part 2: Anchorage Strength Requirements (identical national adoption of ISO 3776-2:2013)

Stakeholders: Manufacturers and users of ag tractors and self-propelled ag machines

Project Need: Includes correct version of ISO 3776-2. Version 2013 was completed in order to achieve technical harmonization between ISO and the relevant requirements in the OECD ROPS Codes.

This part of ISO 3776 specifies the strength requirements of the anchorages for pelvic restraint (seat) belts intended to be used by the operators of agricultural tractors and self-propelled machinery.

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

**Office:** 2950 Niles Road
St Joseph, MI 49085

*Contact:* *Jean Walsh*

**Fax:** (269) 429-3852

**E-mail:** walsh@asabe.org

BSR/ASABE EP643 MONYEAR-201x, Putting Green and Sports Field Design and Construction (new standard)

Stakeholders: golf course designers and installers, sports field designers and installers, irrigation system designers and installers

Project Need: The United State Golf Association has a best practice document for design and construction of golf course putting greens and sports fields, but would like to move it forward into a more public standard. Proper design and construction of the base layers of material, along with plant selection are critical for establishment and maintenance of such areas.

Design and construction of base layers of material for golf course putting greens and sports fields. It will not include specific discussions of construction techniques and methods, but will provide direction on slopes, drainage, soil/gravel/material types (performance factors, root zone mixtures, organic matter, etc.), and seed bed preparation

BSR/ASABE S592.1 MONYEAR-201x, Best Management Practices for Boom Spraying (revision and redesignation of ANSI/ASABE S592 -2007 (R2012))

Stakeholders: Federal and state regulators, Custom applicators, Farmer applicators, Turf Applicators, General Public applicators, Product manufacturers, Sprayer manufacturers, Nozzle manufacturers, Spray researchers

Project Need: Revise standard to add environmental Best Management Practices for sensitive areas and crops, checking county bulletins and volatility.

The standard codifies the most basic of spray-application best management practices (BMPs). In discussions with EPA, there is a need for BMPs to fill a gap that is not addressed on product labels. Future product labels may reference the standard. The benefit to mankind is to improve the knowledge level of the "average person" who uses sprayers. This should lead to improved environmental stewardship.

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

**Office:** 1212 West Street
Suite 200
Annapolis, MD 21401

*Contact:* *Janet Busch*

**Fax:** (410) 267-0961

**E-mail:** janet.busch@x9.org

BSR X9.112-1-201x, Wireless Management and Security - Part 1: General Requirements (revision of ANSI X9.112-1-2009)

Stakeholders: Financial institution enterprise operations, its bank operations, its authorized agents and merchant operations

Project Need: Financial services industry will benefit from this standard by providing minimally acceptable security requirements, policy, practices, and evaluation criteria.

Wireless Technology is providing communication tools for the ubiquitous office and other financial services environments. The currently deployed wireless technology has significant security concerns and issues. This Wireless Management and Security standard is applicable to wireless environments transmitting financial information and will (i) establish a technology framework in which (ii) risks and requirements will be defined, (iii) management policy and practices will be addressed, and (iv) audit evaluation criteria will be provided suitable for use by a professional practitioner.

**ASIS (ASIS International)**

**Office:** 1625 Prince Street
Alexandria, VA 22314-2818

*Contact:* *Aivelis Opicka*

**Fax:** (703) 518-1517

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

BSR/ASIS ORM.1-201X, Security and Resilience in Organizations and Their Supply Chain (revision, redesignation and consolidation of ANSI/ASIS/BSI BCM.01-2010 and ANSI/ASIS SPC.1-2009)

Stakeholders: Organizations of all sizes and types: Professional security practitioners and consultants; risk and resilience management practitioners; the global business community; not-for-profit organizations and foundations; educational institutions; government agencies and organizations.

Project Need: Given the complex reality and risk landscape facing organizations, they must engage in an integrated, comprehensive, and systematic process of prevention, preparedness, readiness, mitigation, response, continuity, and recovery. This standard provides a single integrated management system to eliminate “siloing” of risk, enabling an organization to more efficiently anticipate and plan for naturally, accidentally, or intentionally caused events, using a single management system standard.

Based on the PDCA model it provides steps necessary to prevent, prepare for and respond to an undesirable or disruptive incident to prevent, manage, and survive the event and take actions to ensure the organization and its supply chain's resilience. Document body provides generic auditable criteria to establish, check, maintain, and improve a management system to enhance prevention, preparedness (readiness), mitigation, response, and recovery from undesirable or disruptive events. Annex provides informative guidance on system planning, implementation, testing, maintenance, and improvement.

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

**Office:** Two Park Avenue
New York, NY 10016

*Contact:* *Mayra Santiago*

**Fax:** (212) 591-8501

**E-mail:** ansibox@asme.org

BSR/ASME Y14.37-2012, Composite Part Drawings (revision of ANSI/ASME Y14.37-2012)

Stakeholders: aerospace, automotive, computer software

Project Need: This revision is to provide material covering 3D model requirements, expected system behavior for CAD and MBD such as semantic representations, and formal schema and metadata.

This Standard establishes the definition of composite parts. This Standard defines exceptions and additional requirements to existing ASME standards for defining composite parts. Composite parts as addressed by this Standard are inseparable assemblies of composite materials that may include noncomposite material(s).

**ASTM (ASTM International)**

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

*Contact:* *Corice Leonard*

**Fax:** (610) 834-3683

**E-mail:** accreditation@astm.org

BSR/ASTM WK51608-201x, New Test Method for Helmet Mounted Accessories (new standard)

Stakeholders: Headgear and Helmets Industry

Project Need: This specification defines performance requirements for attachable accessory mounts and retentions, used alone or in conjunction with corresponding accessories for use in nonmotorized bicycle, snow sports, and equestrian.

http://www.astm.org/DATABASE.CART/WORKITEMS/WK51608.htm

BSR/ASTM WK51613-201x, New Practice for Use of Polyethylene Dosimetry System for Radiation Processing (new standard)

Stakeholders: Dosimetry Systems Industry

Project Need: This is a practice for using polyethylene (PE) dosimetry systems to infer absorbed doses in materials irradiated by photons or electrons in terms of absorbed dose to water.

http://www.astm.org/DATABASE.CART/WORKITEMS/WK51613.htm

**AWEA (American Wind Energy Association)**

**Office:** 1501 M Street, NW,
Suite 1000
Washington, DC 20005

*Contact:* *Michele Mihelic*

**E-mail:** mmihelic@awea.org

BSR/AWEA 61400-12-1-201x, Power performance measurements of electricity producing wind turbines (identical national adoption of IEC 61400-12-1 (2005))

Stakeholders: Wind energy developers, owners, operators, manufacturers, and other materially affected parties.

Project Need: AWEA intends to adopt IEC 61400-12-1(2005), which specifies a procedure for measuring the power performance characteristics of a single wind turbine and applies to the testing of wind turbines of all types and sizes connected to the electrical power network.

This standard is the expedited national adoption of the IEC 61400-12-1 (2005).

**AWS (American Welding Society)**

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

*Contact:* *Andre Naumann*

**Fax:** (305) 443-5951

**E-mail:** anaumann@aws.org

BSR/AWS G2.3M/G2.3-201x, Guide for the Joining of Solid Solution Austenitic Stainless Steels (revision of ANSI/AWS G2.3M/G2.3 -2012)

Stakeholders: Any fabricator who works with austenitic stainless steels.

Project Need: To guide fabricators of stainless steel components on welding practices by incorporating minor corrections and editorial changes to previous edition.

This guide presents a description of solid solution austenitic stainless steels and the processes and procedures that can be used for the joining of these materials. This standard discusses the welding processes and welding parameters, qualifications, inspection and repair methods, cleaning, and safety considerations. Practical information has been included in the form of figures, tables, and graphs that should prove useful in determining capabilities and limitations in the joining of austenitic stainless steels.

**NEMA (ASC C78) (National Electrical Manufacturers Association)**

**Office:** 1300 N 17th St
Rosslyn , VA 22209

*Contact:* *Michael Erbesfeld*

**E-mail:** Michael.Erbesfeld@nema.org

BSR C78.1195-201X, Double-Capped Fluorescent Lamps - Safety Specifications (revision and redesignation of ANSI C78.1195-2001 (R2011))

Stakeholders: Manufacturers, Users, Test Labs, Lighting Specifiers

Project Need: This project is needed to harmonize this standard with IEC 1195.

This International Standard specifies the safety requirements for double-capped fluorescent lamps for general lighting purposes of all groups having Fa6, Fa8, G5, G13, 2G13, R17d, and W4.3 8.5d caps. It also specifies the method a manufacturer should use to show compliance with the requirements of this standard on the basis of whole production appraisal in association with his test records on finished products. This method can also be applied for certification purposes. Details of a batch test procedure that can be used to make limited assessment of batches are also given in this standard.

BSR C78.1199-201X, Single-capped fluorescent lamps - Safety specifications (revision and redesignation of ANSI C78.1199-2001 (R2011))

Stakeholders: Manufacturers, Users, Test Labs, Lighting Specifiers

Project Need: This project is needed to harmonize this standard with IEC 1199.

This International Standard specifies the safety requirements for single-capped fluorescent lamps for general lighting purposes of all groups having 2G7, 2GX7, GR8, 2G10, G10q, GR10q, GX10q, GY10q, 2G11, G23, GX23, G24, GX24, and GX32 caps. It also specifies the method a manufacturer should use to show compliance with the requirements of this standard on the basis of whole production appraisal in association with his test records on finished products. This method can also be applied for certification purposes. Details of a batch test procedure that can be used to make limited assessment of batches are also given in this standard.

**NW&RA (ASC Z245) (National Waste & Recycling Association)**

**Office:** 4301 Connecticut Ave, Suite 300
Washington, DC 20008

*Contact:* *Bret Biggers*

**E-mail:** bbiggers@wasterecycling.org

BSR Z245.31-201x, Equipment Technology and Operations for Wastes and Recyclable Materials - Waste Containers - Wash Standards for Regulated Medical Wastes (new standard)

Stakeholders: Microbiologists, hospitals, container manufacturers, distributors, regulatory agencies, chemical companies, water-treatment facilities, infectious disease professionals, equipment manufacturers, waste treatment facilities, waste transporters, environmental consultants.

Project Need: The industry needs standards for cleaning and decontaminating reusable containers intended for the collection and transport of regulated medical waste (RMW) or infectious waste, thus preventing harmful exposure to people.

To establish industry standards for cleaning and decontaminating reusable containers intended for the collection and transport of regulated medical waste (RMW) or infectious waste. To define what is meant by “cleaned” and the method to yield a “clean” container for the medical waste industry as these words are used in the Blood Borne Pathogen Standard (OSHA) from 1991. To standardize processes, procedures, and parameters to safely decontaminate reusable RMW containers, thus reducing the chance of exposing employees and patients to pathogens such as HIV and Hepatitis B. This standard will positively impact the regulated medical waste industry.

**TIA (Telecommunications Industry Association)**

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

*Contact:* *Marianna Kramarikova*

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

* BSR/TIA 968-B-3-201x, Telecommunications - Telephone Terminal Equipment - Technical Requirements for Connection of Terminal Equipment to the Telephone Network - Addendum 3 (addenda to ANSI/TIA 968-B-2009)

Stakeholders: Terminal equipment manufacturers, regulatory bodies (FCC & IC), network service providers, compliance test laboratories, Telecommunications Certifications Bodies (TCBs), and Administrative Council for Terminal Attachments (ACTA).

Project Need: Provide updates for an existing standard.

This addendum provides changes to TIA-968-B, Telecommunications - Telephone Terminal Equipment - Technical Requirements for Connection of Terminal Equipment to the Telephone Network. This addendum will remove the AC and DC impedance requirements when subjected to the Type B ringing frequencies and voltage levels. All other clauses in TIA 968-B are not affected.

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

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

*Contact:* *Betty Holthouser*

**Fax:** (919) 547-6180

**E-mail:** betty.c.holthouser@ul.com

* BSR/UL 12402-2-201x, Standard for Safety for Personal Flotation Devices - Part 2: Lifejackets, Performance Level 275 - Safety Requirements (national adoption with modifications of ISO 12402-2)

Stakeholders: Lifejacket regulators, users, and manufacturers.

Project Need: To attain an ISO-based PFD lifejacket standard (level 275) that can be utilized in the North American and international marketplaces.

This standard specifies the safety requirements for lifejackets, performance level 275. It applies to lifejackets for adults and children for offshore use under extreme conditions. These requirements also cover complete doors, gates, and other such assemblies that include electric opening and closing appliances.

* BSR/UL 12402-3-201x, Standard for Safety for Personal Flotation Devices - Part 3: Lifejackets, Performance Level 150 - Safety Requirements (national adoption with modifications of ISO 12402-3)

Stakeholders: Lifejacket regulators, users, and manufacturers.

Project Need: To attain an ISO-based PFD lifejacket standard (level 150) that can be utilized in the North American and international marketplaces.

This standard specifies the safety requirements for lifejackets, performance level 150. It applies to lifejackets used by adults or children.

* BSR/UL 12402-4-201x, Standard for Safety for Personal Flotation Devices - Part 4: Lifejackets, Performance Level 100 - Safety Requirements (national adoption with modifications of ISO 12402-4)

Stakeholders: Lifejacket regulators, users, and manufacturers.

Project Need: To attain an ISO-based PFD lifejacket standard (level 100) that can be utilized in the North American and international marketplaces.

This standard specifies the safety requirements for lifejackets, performance level 100. It applies to lifejackets used by adults or children.

* BSR/UL 12402-6-201x, Standard for Safety for Personal Flotation Devices - Part 6: Special Purpose Lifejackets and Buoyancy Aids - Safety Requirements and Additional Test Methods (national adoption with modifications of ISO 12402-6)

Stakeholders: Lifejacket and buoyancy aid (special purpose devices) regulators, users, and manufacturers.

Project Need: To attain an ISO-based PFD special-purpose lifejacket and buoyancy aid standard that can be utilized in the North American and international marketplaces.

This standard specifies the safety requirements and additional test methods for special purpose lifejackets and buoyancy aids (referred to in this standard as special purpose devices) in combination with the requirements specified in ISO 12402-2 to ISO 12402-5. It applies to special purpose devices for adults generally and for children younger than six years partially.

* BSR/UL 15027-1-201x, Standard for Immersion Suits - Part 1: Constant Wear Suits, Requirements Including Safety (national adoption with modifications of ISO 15027-1)

Stakeholders: Immersion suit (constant-wear suits) regulators, users, and manufacturers.

Project Need: To attain an immersion suit (constant-wear suits, requirements including safety) standard that can be utilized in the North American and international marketplaces.

This part of ISO 15027 specifies performance and safety requirements for constant wear immersion suits for work and leisure activities to protect the body of a user against the effects of cold water immersion, such as cold shock and hypothermia. It is applicable for dry and wet constant-wear immersion suits. Abandonment suits are not covered by this part of ISO 15027. Requirements for abandonment suits are given in ISO 15027-2:2012. Test methods for immersion suits are given in ISO 15027-3:2012.

* BSR/UL 15027-2-201X, Standard for Immersion Suits - Part 2: Abandonment Suits, Requirements Including Safety (national adoption with modifications of ISO 15027-2)

Stakeholders: Immersion suit (abandoment suits) regulators, users, and manufacturers.

Project Need: To attain an immersion suit (abandoment suits, requirements including safety) standard that can be utilized in the North American and international marketplaces.

This part of ISO 15027 specifies performance and safety requirements for abandonment suits in emergency situations in work and leisure activities to protect the body of a user against the effects of cold water immersion, such as cold shock and hypothermia, including head, hand and feet protection. It is applicable for dry and wet abandonment suits. Constant wear suits are not covered by this part of ISO 15027. The requirements of constant wear suits are given in ISO 15027-1:2012. Test methods are given in ISO 15027-3:2012.

* BSR/UL 15027-3-201X, Standard for Immersion Suits - Part 3: Test Methods (national adoption with modifications of ISO 15027-3)

Stakeholders: Immersion suit regulators, users, and manufacturers.

Project Need: To attain a test method standard for Immersion Suits that can be utilized in the North American and international marketplaces.

This part of ISO 15027 specifies the test methods for constant wear suits, including helicopter transit suits, and abandonment suits. Requirements for constant wear suits are given in ISO 15027-1:2012 and requirements for abandonment suits are given in ISO 15027 2:2012.

# American National Standards Maintained Under Continuous Maintenance

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

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

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

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

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

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

# ANSI-Accredited Standards Developers Contact Information

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

---

**AAMI**
Association for the Advancement of Medical Instrumentation

4301 N Fairfax Drive
Suite 301
Arlington, VA 22203-1633
Phone: (703) 253-8261
Fax: (703) 276-0793
Web: www.aami.org

**AIAA**
American Institute of Aeronautics and Astronautics

1801 Alexander Bell Dr.
Reston, VA 20191
Phone: (703) 264-7546
Web: www.aiaa.org

**AISI**
American Iron and Steel Institute

25 Massachusetts Avenue, NW
Suite 800
Washington, DC 20001
Phone: (202) 452-7100
Fax: (202) 452-1039
Web: www.steel.org

**ALI**
Automotive Lift Institute

PO Box 85
80 Wheeler Avenue
Cortland, NY 13045
Phone: (607) 756-7775
Fax: (607) 756-0888
Web: www.autolift.org

**AMCA**
AMCA International, Inc.

30 West University Drive
Arlington Heights, IL 60004-1893
Phone: (847) 394-0150
Fax: (847) 253-0088
Web: www.amca.org

**APPA**
APPA - Leadership in Educational Facilities

1643 Prince Street
Alexandria, Virginia 22153
Phone: (703) 684-1446
Fax: (703) 549-2772
Web: www.appa.org

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

1305 Walt Whitman Rd
Suite 300
Melville, NY 11747
Phone: (631) 390-0215
Fax: (631) 923-2875
Web: www.acousticalsociety.org

**ASABE**
American Society of Agricultural and Biological Engineers

2950 Niles Road
St Joseph, MI 49085
Phone: (269) 932-7015
Fax: (269) 429-3852
Web: www.asabe.org

**ASC X9**
Accredited Standards Committee X9, Incorporated

1212 West Street
Suite 200
Annapolis, MD 21401
Phone: (410) 267-7707
Fax: (410) 267-0961
Web: www.x9.org

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

1791 Tullie Circle, NE
Atlanta, GA 30329
Phone: (678) 539-1214
Fax: (678) 539-2214
Web: www.ashrae.org

**ASIS**
ASIS International

1625 Prince Street
Alexandria, VA 22314-2818
Phone: (703) 518-1439
Fax: (703) 518-1517
Web: www.asisonline.org

**ASME**
American Society of Mechanical Engineers

Two Park Avenue
New York, NY 10016
Phone: (212) 591-8521
Fax: (212) 591-8501
Web: www.asme.org

**ASTM**
ASTM International

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

**ATIS**
Alliance for Telecommunications Industry Solutions

1200 G Street, NW
Suite 500
Washington, DC 20005
Phone: (202) 434-8841
Fax: (202) 347-7125
Web: www.atis.org

**AWEA**
American Wind Energy Association

1501 M Street, NW
Suite 1000
Washington, DC 20005
Phone: (202) 249-7344
Web: www.awea.org

**AWS**
American Welding Society

8669 NW 36th Street, Suite 130
Miami, FL 33166
Phone: (305) 443-9353
Fax: (305) 443-5951
Web: www.aws.org

**AWWA**
American Water Works Association

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

**CSA**
CSA Group

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

**Home Innovation**
Home Innovation Research Labs

400 Prince George's Boulevard
Upper Marlboro, MD 20774-8731
Phone: (301) 430-6249
Fax: (301) 430-6182
Web: www.HomeInnovation.com

**ICC**
International Code Council

4051 West Flossmoor Road
Country Club Hills, IL 60478-5795
Phone: (888) 422-7233
Fax: (708) 799-0320
Web: www.iccsafe.org

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

445 Hoes Lane, PO Box 1331
Piscataway, NJ 08855-1331
Phone: 732-562-3817
Web: www.ieee.org

**IICRC**
the Institute of Inspection, Cleaning and Restoration Certification

4043 South Eastern Avenue
Las Vegas, NV 89119
Phone: (702) 850-2710
Fax: (360) 693-4858
Web: www.thecleantrust.org

**ISEA**
International Safety Equipment Association

1901 North Moore Street
Suite 808
Arlington, VA 22209
Phone: (703) 525-1695
Fax: (703) 525-1698
Web: www.safetyequipment.org

**ITI (INCITS)**
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: www.incits.org

**LIA (ASC Z136)**
Laser Institute of America

13501 Ingenuity Drive
Suite 128
Orlando, FL 32826
Phone: (407) 380-1553
Fax: (407) 380-5588
Web: www.laserinstitute.org

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

1300 North 17th Street
Suite 900
Rosslyn, VA 22209
Phone: (703) 841-3277
Fax: (703) 841-3378
Web: www.nema.org

**NEMA (ASC C78)**
National Electrical Manufacturers Association

1300 N 17th St
Rosslyn, VA 22209
Phone: 703-841-3262
Web: www.nema.org

**NFPA**
National Fire Protection Association

One Batterymarch Park
Quincy, MA 02169
Phone: (617) 984-7240
Web: www.nfpa.org

**NSF**
NSF International

789 N. Dixboro Road
Ann Arbor, MI 48105-9723
Phone: (734) 827-3817
Fax: (734) 827-7875
Web: www.nsf.org

**NW&RA (ASC Z245)**
National Waste & Recycling Association

4301 Connecticut Ave, Suite 300
Washington, DC 20008
Phone: (202) 364-3710
Web: www.wasterecycling.org

**TIA**
Telecommunications Industry Association

1320 North Courthouse Road
Suite 200
Arlington, VA 22201
Phone: (703) 907-7743
Web: www.tiaonline.org

**UL**
Underwriters Laboratories, Inc.

12 Laboratory Drive
Research Triangle Park, NC 27709
Phone: (919) 549-1896
Fax: (919) 547-6180
Web: www.ul.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 Charles T. Zegers, General Secretary of the USNC (czegers@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

**ACOUSTICS (TC 43)**

ISO/DIS 10140-4, Acoustics - Laboratory measurement of sound insulation of building elements - Part 4: Measurement procedures and requirements - 1/3/2016, $62.00

**BUILDING ENVIRONMENT DESIGN (TC 205)**

ISO/DIS 16813, Building environment design - Indoor environment - General principles - 10/30/2015, $67.00

**FLOOR COVERINGS (TC 219)**

ISO/DIS 10833, Textile floor coverings - Determination of resistance to damage at cut edges using the modified Vettermann drum test - 1/2/2031, $40.00

**HYDROMETRIC DETERMINATIONS (TC 113)**

ISO/DIS 6416, Hydrometry - Measurement of discharge by the ultrasonic transit time (time of flight) method - 1/3/2016, $125.00

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

ISO/DIS 10855-1, Offshore containers and associated lifting sets - Part 1: Offshore container - Design, manufacture and marking - 1/3/2016, $98.00

ISO/DIS 10855-3, Offshore containers and associated lifting sets - Part 3: Periodic inspection, examination and testing - 1/3/2016, $67.00

**MECHANICAL TESTING OF METALS (TC 164)**

ISO/DIS 1099, Metallic materials - Fatigue testing - Axial force-controlled method - 10/30/2015, $88.00

**NON-DESTRUCTIVE TESTING (TC 135)**

ISO/DIS 20339, Non-destructive testing - Equipment for eddy current examination - Array probe characteristics and verification - 1/3/2016, $88.00

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

ISO/DIS 80000-12, Quantities and units - Part 12: Condensed matter physics - 11/2/2015, $71.00

**ROAD VEHICLES (TC 22)**

ISO/DIS 19689, Motorcycles and Mopeds - Communication between vehicle and external equipment for diagnostics - Diagnostic connector and related electrical circuits, specification and use - 10/31/2015, $58.00

ISO/DIS 15501-1, Road vehicles - Compressed natural gas (CNG) fuel systems - Part 1: Safety requirements - 11/6/2015, $62.00

**SHIPS AND MARINE TECHNOLOGY (TC 8)**

ISO/DIS 15540, Ships and marine technology - Fire resistance of non-metallic hose assemblies and non-metallic compensators - Test methods - 1/3/2016, $40.00

ISO/DIS 15541, Ships and marine technology - Fire resistance of non-metallic hose assemblies and non-metallic compensators - Requirements for the test bench - 1/3/2016, $53.00

**SMALL TOOLS (TC 29)**

ISO/DIS 1085, Assembly tools for screws and nuts - Double-ended wrenches - Size pairing - 1/3/2016, $33.00

ISO/DIS 3318, Assembly tools for screws and nuts - Double-headed open-ended wrenches, double-headed box wrenches and combination wrenches - Maximum widths of heads - 1/3/2016, $33.00

ISO/DIS 4229, Assembly tools for screws and nuts - Single-head engineers wrenches for lower torque applications - Maximum outside dimensions of heads and test torques - 1/3/2016, $33.00

**TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)**

ISO/DIS 24102-6, Intelligent transport systems - Communications access for land mobiles (CALM) - ITS station management - Part 6: Path and flow management - 1/3/2016, $146.00

## ISO/IEC JTC 1, Information Technology

ISO/IEC 13818-1/DAmd6, Information technology - Generic coding of moving pictures and associated audio information - Part 1: Systems - Amendment 6 - 12/29/2015, $40.00

ISO/IEC 23001-11/DAmd1, Information technology - MPEG systems technologies - Part 11: Energy-efficient media consumption (green metadata) - Amendment 1: Carriage of Green Metadata in an HEVC SEI Message - 11/6/2015, $29.00

ISO/IEC DIS 18598, Information technology - Automated infrastructure management (AIM) systems - Requirements, data exchange and applications - 10/30/2015, $98.00

ISO/IEC DIS 30116, Information technology - Automatic identification and data capture techniques - Optical Character Recognition (OCR) quality testing - 10/31/2015, $98.00

ISO/IEC DIS 23006-3, Information technology - Multimedia service platform technologies - Part 3: Conformance and reference software - 11/6/2015, $102.00

# IEC Standards

9/2080/FDIS, IEC 60310 Ed.4: Railway applications - Traction transformers and inductors on board rolling stock, 12/04/2015

9/2081/FDIS, IEC 62625-2 Ed.1: Electronic railway equipment - On board driving data recording system - Part 2: Conformity testing, 12/04/2015

21A/591/NP, Secondary cells and batteries containing alkaline or other non-acid electrolytes - Secondary lithium batteries for use in road vehicles not for the propulsion, 01/08/2016

22E/164/CDV, IEC 62909 Ed.1: Bi-directional grid connected power converters - Part 1: General requirements, 01/08/2016

22G/317/CDV, Amendment 2 - IEC 61800-3 Ed.2: Adjustable speed electrical power drive systems - Part 3: EMC requirements and specific test methods, 01/08/2016

22H/194/CDV, IEC 62040-1 Ed.2: Uninterruptible power systems (UPS) - Part 1: Safety requirements, 01/08/2016

22H/195/CDV, IEC 62040-2 Ed.3: Uninterruptible power systems (UPS) - Part 2: Electromagnetic compatibility (EMC) requirements, 01/08/2016

23E/915/CDV, Amendment 1 to IEC 62606 Ed.1: General requirements for arc fault detection devices, 01/08/2016

29/889/FDIS, IEC 60118-13: Electroacoustics - Hearing aids - Part 13: Electromagnetic compatibility (EMC), 12/04/2015

45B/824/CD, IEC 62327 Ed.2: Radiation protection instrumentation - Hand-held instruments for the detection and identification of radionuclides and for the estimation of ambient dose equivalent rate from photon radiation, 01/08/2016

46/579/CD, IEC 60050-726: International Electrotechnical Vocabulary - Part 726: Transmission lines and waveguides, 01/08/2016

46A/1276/CD, IEC 61196-1-303: Coaxial communication cables Part 1 -303: Mechanical test methods test methods - Test for plating thickness, 01/08/2016

46A/1279/FDIS, IEC 61196-4-1: Coaxial communication Cables - Part 4-1: Blank detail specification for radiating cables, 12/04/2015

46A/1280/FDIS, IEC 61196-11: Coaxial communication Cables - Part 4-1: Blank detail specification for radiating cables, 12/04/2015

46A/1281/FDIS, IEC 61196-11-1: Coaxial communication Cables - Part 11-1: Blank detail specification for semi-rigid cables with polyethylene (PE) dielectric, 12/04/2015

46A/1282/FDIS, IEC 61196-1-110: Coaxial communication Cables - Part 1-110: Electrical test methods - Test for continuity, 12/04/2015

57/1627/DC, Proposed revision of IEC 61970-452 Edition 2: Energy Management System Application Program Interface (EMS-API) - Part 452: CIM model exchange specification, 12/04/2015

62D/1271/CDV, IEC 60601-2-46: Medical Electrical Equipment - Part 2 -46: Particular requirements for the basic safety and essential performance of operating tables, 01/08/2016

64/2076/FDIS, IEC 61140: Protection against electric shock - Common aspects for installation and equipment, 12/04/2015

65B/1027/CD, IEC 62952-3: Power sources for a wireless communication device - Part 3: Energy harvesting specification, 01/08/2016

65E/467/CDV, IEC 61987-11 Ed. 2.0 Industrial-Process Measurement and Control - Data Structures and Elements in Process Equipment Catalogues. Part 11: List of Properties (LOP) of measuring equipment for electronic data exchange - generic structures, 01/08/2016

65E/469/CDV, IEC 61987-15 Ed. 1.0 Industrial-Process Measurement and Control - Data Structures and Elements in Process Equipment Catalogues. Part 15: Lists of Properties (LOP) for Level Measuring Equipment for electronic data exchange, 01/08/2016

65E/473/CDV, IEC 61987-16 Ed. 1.0 Industrial-Process Measurement and Control - Data Structures and Elements in Process Equipment Catalogues. Part 16: List of Properties (LOP) for density measuring equipment for electronic data exchange, 01/08/2016

69/390/CD, IEC 61851-3-1 TS Ed.1: Electric Vehicles Conductive Power Supply System - Part 3-1: General Requirements for light electric vehicles a.c. and d.c. conductive power supply systems, 12/04/2015

69/391/CD, IEC 61851-3-2 TS Ed.1: Electric Vehicles Conductive Power Supply System - Part 3-2: Particular requirements for light electric vehicles - DC conductive power supply equipment, 12/04/2015

82/1003/CDV, IEC 62548 Ed.1: Photovoltaic (PV) arrays - Design requirements, 01/08/2016

89/1286F/CDV, IEC 60695-1-10/Ed2: Fire hazard testing - Part 1-10: Guidance for assessing the fire hazard of electrotechnical products - General guidelines, 12/25/2015

89/1287F/CDV, IEC 60695-1-30/Ed3: Fire hazard testing - Part 1-30: Guidance for assessing the fire hazard of electrotechnical products - Preselection testing process - General guidelines, 12/25/2015

89/1288F/CDV, IEC 60695-8-1/Ed3: Fire hazard testing - Part 8-1: Heat release - General guidance, 12/25/2015

89/1291/CDV, IEC 60695-11-5/Ed2: Fire hazard testing - Part 11-5: Test flames - Needle-flame test method - Apparatus, confirmatory test arrangement and guidance, 01/08/2016

104/665/CD, IEC 60068-2-52 Ed.3: Environmental Testing - Part 2: Tests - Test Kb: Salt mist, cyclic (sodium chloride solution), 01/08/2016

# Newly Published ISO & IEC Standards

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

## ISO Standards

### ISO/IEC JTC 1 Technical Reports

ISO/IEC TR 19759:2015, Software Engineering - Guide to the software engineering body of knowledge (SWEBOK), $265.00

**AGRICULTURAL FOOD PRODUCTS (TC 34)**

ISO 21415-2:2015, Wheat and wheat flour - Gluten content - Part 2: Determination of wet gluten and gluten index by mechanical means, $123.00

**COPPER, LEAD AND ZINC ORES AND CONCENTRATES (TC 183)**

ISO 9599:2015, Copper, lead, zinc and nickel sulfide concentrates - Determination of hygroscopic moisture content of the analysis sample - Gravimetric method, $51.00

**CORROSION OF METALS AND ALLOYS (TC 156)**

ISO 16540:2015, Corrosion of metals and alloys - Methodology for determining the resistance of metals to stress corrosion cracking using the four-point bend method, $123.00

**DENTISTRY (TC 106)**

ISO 19429:2015, Dentistry - Designation system for dental implants, $51.00

**FLOOR COVERINGS (TC 219)**

ISO 16905:2015, Resilient floor coverings - Specification for rubber floor covering - Tile/Plank, $88.00

**FLUID POWER SYSTEMS (TC 131)**

ISO 10767-1:2015, Hydraulic fluid power - Determination of pressure ripple levels generated in systems and components - Part 1: Method for determining source flow ripple and source impedance of pumps, $173.00

**GEOGRAPHIC INFORMATION/GEOMATICS (TC 211)**

ISO 19135-1:2015, Geographic information - Procedures for item registration - Part 1: Fundamentals, $240.00

**IMPLANTS FOR SURGERY (TC 150)**

ISO 12417-1:2015, Cardiovascular implants and extracorporeal systems - Vascular device-drug combination products - Part 1: General requirements, $200.00

**INDUSTRIAL FANS (TC 117)**

ISO 13350:2015, Fans - Performance testing of jet fans, $173.00

**MECHANICAL TESTING OF METALS (TC 164)**

ISO 6892-4:2015, Metallic materials - Tensile testing - Part 4: Method of test in liquid helium, $123.00

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

ISO 13381-1:2015, Condition monitoring and diagnostics of machines - Prognostics - Part 1: General guidelines

**METALLIC AND OTHER INORGANIC COATINGS (TC 107)**

ISO 2746:2015, Vitreous and porcelain enamels - High voltage test, $51.00

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

ISO 15494:2015, Plastics piping systems for industrial applications - Polybutene (PB), polyethylene (PE), polyethylene of raised temperature resistance (PE-RT), crosslinked polyethylene (PE-X), polypropylene (PP) - Metric series for specifications for components and the system, $265.00

**PULLEYS AND BELTS (INCLUDING VEEBELTS) (TC 41)**

ISO 19347:2015, Synchronous belt drives - Imperial pitch trapezoidal profile system - Belts and pulleys, $149.00

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

ISO 8308:2015, Rubber and plastics hoses and tubing - Determination of transmission of liquids through hose and tubing walls, $88.00

**SAFETY OF MACHINERY (TC 199)**

ISO 13850:2015, Safety of machinery - Emergency stop function - Principles for design, $88.00

**SAFETY OF TOYS (TC 181)**

ISO 8124-7:2015, Safety of toys - Part 7: Requirements and test methods for finger paints, $240.00

**SOLID MINERAL FUELS (TC 27)**

ISO 5074:2015, Hard coal - Determination of Hardgrove grindability index, $51.00

**STEEL (TC 17)**

ISO 13520:2015, Determination of ferrite content in austenitic stainless steel castings, $88.00

ISO 13521:2015, Austenitic manganese steel castings, $51.00

ISO 16468:2015, Investment castings (steel, nickel alloys and cobalt alloys) - General technical requirements, $88.00

**(TC 263)**

ISO 18871:2015, Method of determining coalbed methane content, $173.00

**TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)**

ISO 7216:2015, Agricultural and forestry tractors - Measurement of noise emitted when in motion, $51.00

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

ISO 8362-2:2015, Injection containers and accessories - Part 2: Closures for injection vials, $51.00

**TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)**

ISO 14813-1:2015, Intelligent transport systems - Reference model architecture(s) for the ITS sector - Part 1: ITS service domains, service groups and services, $265.00

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

ISO 10231/Amd1:2015, Motorcycle tyres - Test methods for verifying tyre capabilities - Amendment 1, $22.00

## ISO Technical Reports

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

ISO/TR 18146:2015, Space systems - Space debris mitigation design and operation guidelines for spacecraft, $200.00

## ISO Technical Specifications

**TOBACCO AND TOBACCO PRODUCTS (TC 126)**

ISO/TS 3550-3:2015, Cigarettes - Determination of loss of tobacco from the ends - Part 3: Method using a vibro-bench, $88.00

**TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)**

ISO/TS 19299:2015, Electronic fee collection - Security framework, $265.00

## ISO/IEC JTC 1, Information Technology

ISO/IEC 13818-1/Amd1:2015, Information technology - Generic coding of moving pictures and associated audio information - Part 1: Systems - Amendment 1: Delivery of timeline for external data, FREE

ISO/IEC 23000-13/Amd1:2015, Information technology - Multimedia application format (MPEG-A) - Part 13: Augmented reality application format - Amendment 1: ARAF reference software and conformance, $22.00

ISO/IEC 27006:2015, Information technology - Security techniques - Requirements for bodies providing audit and certification of information security management systems, $173.00

ISO/IEC 15944-2:2015, Information technology - Business Operational View - Part 2: Registration of scenarios and their components as business objects, $265.00

ISO/IEC 15944-9:2015, Information technology - Business Operational View - Part 9: Business transaction traceability framework for commitment exchange, $265.00

ISO/IEC 19770-2:2015, Information technology - Software asset management - Part 2: Software identification tag, $240.00

ISO/IEC 24769-61:2015, Information Technology - Real Time Locating System (RTLS) Device Conformance Test Methods - Part 61: Low rate pulse repetition frequency Ultra Wide Band (UWB) air interface, $51.00

ISO/IEC 24769-62:2015, Information Technology - Real Time Locating System (RTLS) Device Conformance Test Methods - Part 62: High rate pulse repetition frequency Ultra Wide Band (UWB) air interface, $51.00

ISO/IEC 24770-61:2015, Information Technology - Real Time Locating System (RTLS) Device Performance Test Methods - Part 61: Low Rate Pulse Repetition Frequency Ultra Wide Band (UWB) Air Interface, $88.00

ISO/IEC 24770-62:2015, Information technology - Real-time locating system (RTLS) device performance test methods - Part 62: High rate pulse repetition frequency Ultra Wide Band (UWB) air interface, $88.00

ISO/IEC TS 19568:2015, Programming Languages - C++ Extensions for Library Fundamentals, $265.00

# IEC Standards

**CABLES, WIRES, WAVEGUIDES, R.F. CONNECTORS, AND ACCESSORIES FOR COMMUNICATION AND SIGNALLING (TC 46)**

IEC 61196-1-114 Ed. 1.0 b:2015, Coaxial communication cables - Part 1-114: Electrical test methods - Test for inductance, $31.00

**ELECTRICAL EQUIPMENT IN MEDICAL PRACTICE (TC 62)**

IEC 60601-2-8 Ed. 2.1 b:2015, Medical electrical equipment - Part 2-8: Particular requirements for the basic safety and essential performance of therapeutic X-ray equipment operating in the range 10 kV to 1 MV, $339.00

IEC 60601-2-8 Amd.1 Ed. 2.0 b:2015, Amendment 1 - Medical electrical equipment - Part 2-8: Particular requirements for the basic safety and essential performance of therapeutic X-ray equipment operating in the range 10 kV to 1 MV, $17.00

**NANOTECHNOLOGY STANDARDIZATION FOR ELECTRICAL AND ELECTRONIC PRODUCTS AND SYSTEMS (TC 113)**

IEC/IEEE 62659 Ed. 1.0 en:2015, Nanomanufacturing - Large scale manufacturing for nanoelectronics, $61.00

**OTHER**

CISPR 16-1-1 Ed. 4.0 en:2015, Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-1: Radio disturbance and immunity measuring apparatus - Measuring apparatus, $436.00

**POWER SYSTEM CONTROL AND ASSOCIATED COMMUNICATIONS (TC 57)**

IEC 61970-456 Ed. 1.1 en:2015, Energy management system application program interface (EMS-API) - Part 456: Solved power system state profiles, $339.00

IEC 61970-456 Amd.1 Ed. 1.0 en:2015, Amendment 1 - Energy management system application program interface (EMS-API) - Part 456: Solved power system state profiles, $24.00

# Proposed Foreign Government Regulations

## Call for Comment

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

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

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

# Information Concerning

## American National Standards

### INCITS Executive Board

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

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

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

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

- **Producer – Hardware**

  This category primarily produces hardware products for the ITC marketplace.

- **Producer – Software**

  This category primarily produces software products for the ITC marketplace.

- **Distributor**

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

- **User**

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

- **Consultants**

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

- **Standards Development Organizations and Consortia**

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

- **Academic Institution**

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

- **Other**

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

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

### Calls for Members

### Society of Cable Telecommunications

### ANSI Accredited Standards Developer

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

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

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

### PINS Notices

### AISC Withdrawal of PINS

AISC has withdrawn from consideration the following PINS: BSR/AISC 341.1-201x, Seismic Provisions for Evaluation and Retrofit of Structural Steel Buildings. Questions may be directed to Cindi Duncan at Duncan@aisc.org.

### ASA Withdrawal of PINS

At the Acoustical Society of America request, the following PINS is withdrawn: BSR ASA S12.64-201x/Part 2. Quantities and Procedures for Description and Measurement of Underwater Sound from Ships – Part 2: Shallow Water. Questions may be directed to asastds@acousticalsociety.org.

## ANSI Accredited Standards Developers

### Approval of Reaccreditation

### ASIS International

On behalf of ANSI's Executive Standards Council, the reaccreditation of ASIS International, an ANSI Organizational Member and Accredited Standards Developer, under its recently revised operating procedures for documenting consensus on ASIS International-sponsored American National Standards has been approved effective October 7, 2015. For additional information, please contact: Ms. Susan Carioti, Director, Standards and Guidelines, ASIS International, 1625 Prince Street, Alexandria, VA 22314-2818; phone: 703.518.1416; e-mail: sue.carioti@asisonline.org.

# International Organization for Standardization (ISO)

## International Workshop Agreement Proposal and New Work Item Proposal

### Sustainable non-sewered sanitation systems

### Comment Deadline: October 16, 2015

ANSI, working with the Bill and Melinda Gates Foundation, intends to submit to ISO an International Workshop Agreement Proposal and New Work Item Proposal on the subject of Sustainable non-sewered sanitation systems, with the following scope statement:

> The international standard will define criteria to qualify sanitation systems sufficiently especially in terms of safety, functionality, reliability, maintainability, usability, and that the discharge (treated effluent) are compliant with leading practices. The aim of the standard is to ensure safety aspects related to the operation of the sanitation systems in the intended areas of use and that the treated discharged products pose no user, operator health or environment risks. The standard is applicable to individual and community sanitation systems which are self-contained, meet defined discharge requirements, and aim for sustainability regardless of the on-site treatment technology.

Anyone wishing to review either proposal can request a copy by contacting ANSI's ISO Team via e-mail: isot@ansi.org with submission of comments to Steve Cornish (scornish@ansi.org) by close of business on October 16, 2015.

# U.S. Technical Advisory Groups

## Application for Accreditation and Approval of TAG Administrator

### U.S. TAG to ISO TC 298 – Rare Earth

### Comment Deadline: November 9, 2015

CSA America (operating as CSA Group), an ANSI organizational member, has submitted an Application for Accreditation for a new U.S. Technical Advisory Group (TAG) to ISO TC 298, Rare earth and a request for approval as TAG Administrator. The proposed TAG will operate using the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities as contained in Annex A of the ANSI International Procedures.

For additional information, or to offer comments, please contact: Mr. Brent Hartman, Program Manager, CSA Group, 8501 E. Pleasant Valley Road, Cleveland, OH 44131; phone: 216.524.4990; e-mail: brent.hartman@csagroup.org. Please forward any comments on this application to CSA Group, with a copy to the Recording Secretary, ExSC in ANSI's New York Office (fax: 212.840-2298; e-mail: jthompso@ansi.org) by November 9, 2015.

## Reaccreditation

### U.S. TAG to ISO TC 164 – Mechanical Testing of Metals

### Comment Deadline: November 9, 2015

The U.S. Technical Advisory Group (TAG) to ISO Technical Committee 164, Mechanical testing of metals has submitted to ANSI revisions to procedures under which it is currently accredited. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copies of the revised procedures or to offer comments, please contact the TAG Chair to the US TAG to ISO/TC 164: Mr. Earl Ruth, Tinius Olsen Testing Machine, 1065 Easton Road, Horsham, PA 19044-8009; phone: 215.675.7100; e-mail: eruth@TiniusOlsen.com. You may view/download a copy of the revisions during the public review period at the following URL: www.ansi.org/accredPR. Please submit any public comments on the revised procedures by November 9, 2015, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompso@ANSI.org).

# Meeting Notices

## A10 ASC Meeting

The American Society of Safety Engineers (ASSE) serves as the secretariat of the ANSI Accredited A10 Committee (A10 ASC) for Construction and Demolition Operations. The next meeting of the A10 ASC will be held on January 12th, 2016 in Washington DC at the International Brotherhood of Electrical Workers (IBEW) in Washington, DC. Those who have interest in the committee are encouraged to attend. In addition, subgroup meetings of the A10 ASC will be held the day before or after the main meeting. The A10 ASC has a series of subgroups addressing a wide variety of construction and demolition issues ranging from trenching and shoring to ergonomic injury prevention and health hazards. The subgroup meeting schedule will be provided upon request. If interested, please contact Tim Fisher at TFisher@ASSE.Org.

## AHRI Standards

### Revision of AHRI Standard 410, Forced Circulation Air-Cooling and Air-Heating Coils

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on October 21 from 12 p.m. to 1 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Mary Opalka at mopalka@ahrinet.org.

### Revision of AHRI Standard 430 (I-P)-2014, Performance Rating of Central Station Air-handling Unit Supply Fans

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on October 15 from 2 p.m. to 4 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Mary Opalka at mopalka@ahrinet.org.

### Revision of AHRI Standard 810 (I-P)-2012, Performance Rating of Automatic Commercial Ice Makers

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on October 14 from 10 a.m. to 11 a.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Kezhen Shen at kshen@ahrinet.org.

## API Withdrawal

### Withdrawal by API of ANSI/API Recommended Practice 10B-4, First Edition, July 2004 (Reaffirmed, April 2015), Recommended Practice on Preparation and Testing of Foamed Cement Slurries at Atmospheric Pressure

The ANSI/API standard has been superseded by the second edition API standard that has not been processed as an ANS. Since the ANS is no longer being supported by API, we would like the standard to be withdrawn in accordance with 4.2.1.3.2 of the ANSI Essential Requirements.
Questions: Ben Coco, 202-682-8056, cocob@api.org.

## ASC Z133 Meeting

The next business meeting of the Accredited Standards Committee Z133 (ANSI Standard for Arboricultural Operations —Safety Requirements) will take place October 21-22, 2015, at Embassy Suites-Baltimore Washington Airport in Linthicum, Maryland. For more information, contact Janet Huber at the International Society of Arboriculture, ASC Z133 Secretariat, by phone (+1 217.355.9411, ext. 259) or by emailing jhuber@isa-arbor.com.

**Tracking #170i17r2**
**© 2015 NSF International**

**Revision to NSF/ANSI 170 – 2014**
**Issue 17, Revision 2 (September 2015)**



NSF International Standard
for Food Equipment –

# Glossary of food equipment terminology

- 
- 
- 

## 3 Definitions

**3.113** **leg**: A fixed or adjustable support extending beneath equipment to the floor or counter top.

**3.114** l**eak proof liner**: A liner that, when placed into a refuse container, creates a barrier across which liquids cannot pass under normal use conditions, including when the liner is in place and during removal of the liner from the container.

**3.1154 lid:** A device used to close access openings.

***Rationale Statement: A new liner has joints and seams that are water tight and should be devoid of any holes, cuts or the like through which liquid might enter or escape. The intent is to get bagged refuse out of the food service area into a bulk truck or collection location without leaking.***

- 
- 
- 

***Note: subsequent definitions alphabetically positioned after "leak proof" will have their respective reference numbers increased by "1". The presented example above is the term "lid" changing from 3.114 to 3.115.***

# BSR/UL 746A, Standard for Polymeric Materials – Short Term Property Evaluations

## PROPOSAL FOR UL 746A

### 1. Clarification Between Short Term Properties (UL 746A) and Long Term Properties (UL 746B) within Table 9.1 (746A)

### PROPOSAL

~~9.9.2 Table 9.1 indicates the properties that are to be considered leading indicators when evaluating polymer variations. If the results of side-by-side testing based on the test program shown in Table 9.2 demonstrates comparable results (for polymer variations evaluated for use with either the same or a new designation) or better results (for polymer variations only for use under a new designation), then all ratings from the original formulation may be extended to the variation. However, if all tests do not indicate comparable results, then no ratings shall be extended to the variation unless determined through direct testing.~~

~~*Exception: In cases where testing of a polymer variation shows better results, the material may retain the same designation and be assigned better ratings if both of the following conditions are met:*~~

~~*a) Full side by side testing of all critical properties is conducted in accordance with Program Code C of Table 9.2, and*~~

~~*b) None of the other tested properties are adversely affected.*~~

~~Results are considered comparable results if:~~

~~1. The individual test results are within 10% of the test results obtained for the original material.~~

~~2. The UL 94 flammability ratings are the same, and~~

~~3. The UL 746B RTI values based on LTTA testing, if applicable, comply with Section 19 of UL 746B for related materials.~~

9.9.2 Table 9.1 indicates the properties that are to be considered leading indicators when evaluating polymer variations. Depending on the results of side-by-side testing based on the test program shown in Table 9.2, the following scenarios may be obtained:

a) *Comparable results:*

All ratings from the original formulation may be extended to the variation. The variation evaluated can be used with either the same or a new designation.

b) *Better results:*

All ratings from the original formulation may be extended to the variation. The variation evaluated can be only used under a new designation.

*Exception: In cases where testing of a polymer variation shows better results, the material may retain the same designation and be assigned better ratings if both of the following conditions are met:*

*1) Full side by side testing of all critical properties is conducted in accordance with Program Code C of Table 9.2, and*

*2) None of the other tested properties are adversely affected.*

c) *Not all results are comparable and there is no indication for Code D in Table 9.1:*

With the exception of relative thermal indices (RTI), no rating shall be extended to the variation unless determined through direct testing. The variation evaluated can be only used under a new designation.

d) *Not all results are comparable and there is an indication for Code D in Table 9.1:*

No rating shall be extended to the variation unless determined through direct testing. The variation evaluated can be only used under a new designation.

Results are considered comparable results if:

1. The individual test results are within 10% of the test results obtained for the original material.

2. The UL 94 flammability ratings are the same, and

3. The UL 746B RTI values based on LTTA testing, if applicable, comply with Section 19 of UL 746B for related materials.

## 2. Editorial Revision to the Title of Section 20

## PROPOSAL

***20 <u>Indentation</u> ~~Identification~~ Hardness of Rubber and Plastics by Means of a Durometer***

20.1 (No change - shown for reference) The test method for determination of the hardness of rubber and plastics by means of a durometer is described in the Standard Test Method for Rubber Property-Durometer Hardness, ASTM D 2240 (ISO 868).

20.2 (No change - shown for reference) ASTM D 2240 (ISO 868) describes a method in which a horizontal specimen is subjected to penetration by force of an indentor. From the hardness measurements obtained, the indentation hardness can be calculated.

---

**BSR/UL 858, Standard for Household Electric Ranges**

**1. New Requirements for Radiant, Open-wire / Ribbon Heating Elements Guarded by Mesh Barriers**

**PROPOSAL**

6.1.4 An enclosure shall be investigated with respect to size, shape, thickness of material, and acceptability for the particular application. An enclosure material shall be of such thickness or shape, or shall be reinforced to provide stiffness and protection not less than that provided by flat sheet steel with a minimum thickness of 0.020 in (0.51 mm).

*Exception: A mesh barrier, when used below a live heater element inside an oven cavity such as a ~~boil~~ broil element, shall be formed to provide stiffness and protection so that when a 2 lb (9N) force is applied at any point using the probe described in Figure 6.1 the mesh will not touch live parts or result in a reduction of spacing below the minimum acceptable values specified in Spacings, Section 26.*

6.2.2.2 An opening in an enclosure shall comply with either (a), (b), or (c):

a) An opening that has a minor dimension less than 1 in (25.4 mm) shall be located so that an uninsulated live part or film-coated wire ~~/ ribbon~~ cannot be contacted by the probe illustrated in Figure 6.1. The minor dimension of an opening is the diameter of the largest cylindrical probe having a hemispherical tip that can be inserted through the opening to any depth.

*Exception: For film-coated wire ~~/ ribbon~~, an opening less than 1 in is acceptable if the probe illustrated in Figure 6.2 cannot contact the wire ~~/ ribbon~~.*

b) An opening that has a minor dimension greater than or equal to 1 in but no more than 6 in (152 mm) shall be located so that a part or wire is spaced from the opening as specified in Table 6.1.

c) An opening, ~~that has a minor dimension of less than 0.10 in (2.54 mm)~~ when used as a protective cover for a downward facing open-wire / ribbon heating element such as a broil element, shall have a minor dimension of less than 0.10 in (2.54 mm).

**BSR/UL 1703, Standard for Safety for Flat-Plate Photovoltaic Modules and Panels**

## 2. Revision to Paragraph 16.4.1 to Further Define a Type 3 Module or Panel.

16.4.1 The use of module or panel types in this Section is optional. A module or panel intended for mounting on a roof (but not BIPVs) can be classified according to type based on its construction and the results of the fire tests detailed in Section 31.1.2, Spread of Flame on Top Surface, and Section 31.1.3, Burning Brand on Top Surface. Module or panel construction types shall be evaluated based on the following characteristics of PV module and panel construction: (1) the superstrate material; (2) the encapsulant material; (3) the substrate material; and, (4) the frame type and geometry (if any). The following types are representative of common module and panel constructions and their associated fire characteristics:

Type 1 module or panel meets the following requirements:

a) Construction: Glass superstrate of 0.14 ± 0.03 in (3.6 ±0.76 mm); a polymeric encapsulant between the superstrate and cells with a pre-lamination thickness of 0.018 ± 0.008 in (0.45 ±0.2 mm); either a polymeric encapsulant between the cells and substrate with a pre-lamination thickness of 0.018 ± 0.008 in (0.45 ±0.2 mm) and a polymeric substrate with nominal thickness no less than 0.012 in (0.30 mm) and no more than 0.025 in (0.64 mm) thickness or a combined substrate and encapsulant that meets the pre-lamination total thickness equal to an encapsulant thickness of 0.018 ± 0.008 in (0.45 ±0.2 mm) and a polymeric substrate with nominal thickness no less than 0.012 in (0.30 mm) and no more than 0.025 in thickness (0.64 mm); and metallic framing protecting the edge of the laminate.

b) Spread of Flame Test on Top Surface: The test shall be conducted using the procedure given in Section 31.1.2 with an allowable spread of flame of 6 feet (1.82 m) or less in 10 minutes.

c) Burning Brand Test on Top Surface: The test shall be conducted using the procedure given in Section 31.1.3 using a C Brand.

Type 2 module or panel meets the following requirements:

a) Construction: Glass superstrate of 0.14 ± 0.03 in (3.6 ±0.76 mm); a polymeric encapsulant between the superstrate and cells with a pre-lamination thickness of 0.018 ± 0.008 in (0.45 ±0.2 mm); either a polymeric encapsulant between the cells and substrate with a pre-lamination thickness of 0.018 ± 0.008 in (0.45 ±0.2 mm) and a polymeric substrate with nominal thickness between 0.001 in (0.025 mm) and 0.012 in thickness (0.30 mm) or a combined substrate and encapsulant that meets the pre-lamination total thickness equal to an encapsulant thickness of 0.018 ± 0.008 in (0.45 ±0.2 mm) and a polymeric substrate with nominal thickness between 0.001 in (0.025 mm) and 0.012 in thickness (0.30 mm); and metallic framing protecting the edge of the laminate.

b) Spread of Flame Test on Top Surface: The test shall be conducted using the procedure given in Section 31.1.2 with an allowable spread of flame of 6 feet (1.82 m) or less in 10 minutes.

c) Burning Brand Test on Top Surface: The test shall be conducted using the procedure given in Section 31.1.3 using a C Brand.

Type 3 module or panel meets the following requirements:

a) Construction: Glass superstrate of 0.105 ± 0.030 in (2.67 ±0.76 mm); polymeric encapsulant ~~between superstrate glass and cell and/or between cell and substrate glass~~ with a total pre-lamination thickness of 0.035 ± 0.02 in (0.9 ±0.5mm); glass substrate of 0.105 ± 0.030 ~~0.038~~ in (2.67 ± 0.76 ~~0.97~~ mm) ~~with or~~ without framing.

b) Spread of Flame Test on Top Surface: The test shall be conducted using the procedure given in Section 31.1.2 with an allowable spread of flame of 6 feet (1.82 m) or less in 10 minutes.

c) Burning Brand Test on Top Surface: The test shall be conducted using the procedure given in Section 31.1.3 using a C Brand.

New types of PV modules with other constructions and fire performance can be defined as needed. Table 16.1 lists the types of PV modules based on construction and fire performance. The fire performance of these other constructions shall be tested in accordance with 31.1.2 and 31.1.3.