ANSI STANDARDS ACTION

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Contents

American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

ISSN 0038-9633

Comment Deadline: April 29, 2018

AWWA (American Water Works Association)

New Standard

BSR/AWWA C715-201x, Cold Water Meters - Electromagnetic and Ultrasonic Type, for Revenue Applications (new standard)

This standard describes two performance classes of potable cold-water meters of the electromagnetic and ultrasonic type, in sizes 1/2 in. (13 mm) through 20 in. (500 mm), for revenue applications, and the materials and workmanship employed in their fabrication.

Click here to view these changes in full

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

NSF (NSF International)

Revision

BSR/NSF 2-201x (i29r1), Food Equipment (revision of ANSI/NSF 2-2016)

Equipment covered by this Standard includes, but is not limited to, bakery, cafeteria, kitchen, and pantry units and other food-handling and -processing equipment such as tables and components, counters, hoods, shelves, and sinks.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 87A-201x, Standard for Safety for Power-Operated Dispensing Devices for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (revision of ANSI/UL 87A-2017)

The following topic is being proposed: (1) Revisions to add CE40a test fluid requirements.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1203-201X, Standard for Safety for Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations (revision of ANSI/UL 1203-2018)

This proposal includes closing of unused entries in Division 1 Electrical Equipment Enclosures revisions.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 2089-201x, Standard for Safety for Vehicle Battery Adapters (revision of ANSI/UL 2089-2011 (R2015))

The following is proposed: Exception for vehicle battery charges to not be provided with a cord.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 2225-201X, Standard for Safety for Cables and Cable-Fittings for Use in Hazardous (Classified) Locations (revision of ANSI/UL 2225-2017)

This proposal includes cable fittings for Class II, Division 1 only including the construction, testing, marking requirements, and editorial revisions.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 61010-2-201-201x, Standard for Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-201: Particular Requirements for Control Equipment (revision of ANSI/UL 61010-2 -201-2017)

This proposal covers the adoption of IEC 61010-2-201, Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-201: Particular Requirements for Control Equipment, as a new IEC-based UL Standard, UL 61010-2-201, with U.S. Differences. The initial version of this proposal was published by UL on January 26, 2018.

Click here to view these changes in full

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

Comment Deadline: May 14, 2018

AAFS (American Academy of Forensic Sciences)

New Standard

BSR/ASB Std 019-201x, Wildlife Forensics General Standards (new standard)

This document provides minimum standards and recommendations for practicing wildlife forensic analysts. This document covers good laboratory practices, evidence handling, and training as well as considerations of taxonomy and reference collections that are specific to wildlife forensic science.

Single copy price: Free

Obtain an electronic copy from: http://asb.aafs.org/ or at: https://asb.aafs.org/notification-of-standard-development-and-coordination/

Document will be provided electronically on AAFS Standards Board website free of charge.

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

AAFS (American Academy of Forensic Sciences)

New Standard

BSR/ASB Std 029-201x, Report Writing in Wildlife Forensics (new standard)

This document describes the information to be provided in reports of wildlife forensic examinations for use in legal proceedings. Requirements for both genetic and morphological examination reports are covered. Forensic reports serve a variety of audiences, and must provide a clear and concise summary of methods, results and limitations for the use of the investigator, the court, and the litigants.

Single copy price: Free

Obtain an electronic copy from: http://asb.aafs.org/ or https://asb.aafs.org/notification-of-standard-development-and-coordination/

Document will be provided electronically on AAFS Standards Board website free of charge.

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

AAFS (American Academy of Forensic Sciences)

New Standard

BSR/ASB Std 035-201x, Standard for the Examination of Documents for Alterations (new standard)

This document establishes the base minimum requirements for the procedure(s) to be used by forensic document examiners for the examination of documents for alterations.

Single copy price: Free

Obtain an electronic copy from: http://asb.aafs.org/ or at: https://asb.aafs.org/notification-of-standard-development-and-coordination/

Document will be provided electronically on AAFS Standards Board website free of charge.

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

AAMI (Association for the Advancement of Medical Instrumentation)

New Standard

BSR/AAMI SW91-201x, Classification of Defects in Health Software (new standard)

This document identifies a defect classification system that can be used for classifying the type of defects that may be introduced during the development and maintenance of software and that may be the cause of or associated with failures identified in software. This document identifies defects that occur during all phases of the software and product development lifecycles. It does not attempt to describe methodologies for analyzing root cause, managing defect resolution, or assigning risk.

Single copy price: Free

Obtain an electronic copy from: https://standards.aami.org/higherlogic/ws/public/document?document_id=13816&wg_abbrev=PUBLIC_REV

Order from: https://standards.aami.org/higherlogic/ws/public/document?document_id=13816&wg_abbrev=PUBLIC_REV

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

AAMI (Association for the Advancement of Medical Instrumentation)

Reaffirmation

BSR/AAMI ST8-2013 (R201x), Hospital steam sterilizers (reaffirmation of ANSI/AAMI ST8-2013)

Covers covers minimum construction and performance requirements for hospital sterilizers that use saturated steam as the sterilizing agent and have a volume greater than 56.63 liters (2 cubic feet).

Single copy price: $188.00 (list)/$107.00 (AAMI members)

Obtain an electronic copy from: http://my.aami.org/store/detail.aspx?id=ST8-PDF

Order from: http://my.aami.org/store/detail.aspx?id=ST8-PDF

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

ACMA (American Composites Manufacturers Association)

Revision

BSR/ACMA UEF-1-201x, Estimating Emission Factors from Open Molding and Other Composite Processes (revision of ANSI/ACMA UEF-1-2011a)

Composites manufacturers are required to report air emissions from their facilities on a regular basis. Without sanctioned factors, each facility would be required to conduct prohibitive emission testing. The emission factors will include emission estimates from the open molding and other processes used in the composites industry. It will provide the user with a mechanism to estimate emissions based on the production process, materials being used and techniques employed. The final emission estimates will satisfy state and federal requirements for permit compliance and reporting emissions on Form R.

Single copy price: $75.00

Obtain an electronic copy from: lcox1225@gmail.com

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

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

ALI (ASC A14) (American Ladder Institute)

New Standard

BSR A14.11-201x, Stepstools (new standard)

This standard prescribes rules governing the safe construction, design, testing, care, and use of wood, metal, plastic, and reinforced plastic stepstools of various configurations for duty ratings of 200, 225, 250, 300, and 375 lbs. It applies to stepstools that resemble conventional stepladders in their appearance as well as those that do not. It does not cover stepstools that do not meet the general requirements of this standard, nor does it cover accessories that may be installed on or used in conjunction with stepstools. This standard does not apply to those products currently covered by ANSI A14.7 (Mobile Ladder Stands and Mobile Ladder Stand Platforms). These requirements are also intended to prescribe rules and criteria for labeling/marking of the kinds of stepstools cited in this standard. These labeling/marking requirements do not apply to those situations where training, supervision, or documented safety procedures would be in conflict, or serve in lieu of, these labeling/marking requirements.

Single copy price: $275.00

Obtain an electronic copy from: info@americanladderinstitute.org

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

ASABE (American Society of Agricultural and Biological Engineers)

New Standard

BSR/ASABE S632-1 MONYEAR-201x, Precision Agriculture Irrigation Language: Core Concepts, Processes, and Objects (new standard)

The Standard enables the exchange of data regarding the planning and execution of irrigation operations. These data, which include weather, crop and soil moisture observations, as well as irrigation system operations data, are currently stored in multiple proprietary formats. This (S632-1) part of the standard defines the core concepts, processes, and objects common to, and subsequently used by S632-2, S632-3, and S632-4.

Single copy price: $61.00

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: walsh@asabe.org

ASABE (American Society of Agricultural and Biological Engineers)

New Standard

BSR/ASABE S632-3 MONYEAR-201x, Precision Agriculture Irrigation Language: Core Concepts, Processes, and Objects (new standard)

The Standard enables the exchange of data regarding the planning and execution of irrigation operations. These data, which include weather, crop, and soil moisture observations, as well as irrigation system operations data, are currently stored in multiple proprietary formats. This (S632-3) part of the standard presents an object model and reference XML serialization schema to represent the planning, preparation and as-applied recording of the irrigation water and chemical/fertilizer product applications with an irrigation system.

Single copy price: $61.00

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: walsh@asabe.org

ASABE (American Society of Agricultural and Biological Engineers)

New Standard

BSR/ASABE S648-2 MONYEAR-201x, Agricultural Field Equipment Braking - Part 2: Requirements for Agricultural Tractors (new standard)

The purpose of this part of ASABE S648, when used in conjunction with ASABE S648-1, is to establish specific requirements, minimum performance criteria and performance test procedures that are common to agricultural tractors.

Single copy price: $61.00

Obtain an electronic copy from: vangilder@asabe.org

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

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

ASABE (American Society of Agricultural and Biological Engineers)

New Standard

BSR/ASABE S648-3 MONYEAR-201x, Agricultural Field Equipment Braking - Part 3: Requirements for Self-Propelled and Special Self-Propelled Equipment (new standard)

The purpose of this part of ASABE S648, when used in conjunction with ASABE S648-1, is to establish specific requirements, minimum performance criteria and performance test procedures that are common to self-propelled and special self-propelled agricultural equipment. The requirements and minimum performance criteria are directed to operation and parking of agricultural equipment having a maximum design speed greater than 6 km/h (3.7 mile/h).

Single copy price: $61.00

Obtain an electronic copy from: vangilder@asabe.org

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

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

ASABE (American Society of Agricultural and Biological Engineers)

New Standard

BSR/ASABE S648-4 MONYEAR-201x, Agricultural Field Equipment Braking - Part 4: Requirements for Towed Equipment (new standard)

The purpose of this part of ASABE S648, when used in conjunction with ASABE S648-1, is to define the minimum stopping requirements related to braking of towed agricultural field equipment, referred to in this standard as towed vehicles. This part of ASABE S648 provides normative references and establishes the minimum stopping requirements related to braking of towed vehicles. These requirements and minimum performance criteria are directed to the operation and parking of towed vehicles having a maximum design speed greater than 6 km/h (3.7 mile/h).

Single copy price: $61.00

Obtain an electronic copy from: vangilder@asabe.org

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

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

ASABE (American Society of Agricultural and Biological Engineers)

New Standard

BSR/ASABE S648-5 MONYEAR-201x, Agricultural Field Equipment Braking - Part 5: Requirements for the Interface between Towing Equipment and Towed Equipment (new standard)

The purpose of this standard, when used in conjunction with ASABE S648-1, is to define the requirements for interfacing service and parking brakes on towing equipment with service and parking brakes on towed equipment. This part of ASABE S648 establishes the minimum requirements for interfacing the service brake system and parking brake system on towing agricultural field equipment with the service brake system and parking brake system on towed agricultural field equipment. The requirements of this part of ASABE S648 are applicable to dual-line hydraulic and pneumatic systems, but does not preclude the use of other systems. These requirements and minimum performance criteria are directed to the operation and parking of agricultural field equipment having a maximum design speed greater than 6 km/h (3.7 mile/h).

Single copy price: $61.00

Obtain an electronic copy from: vangilder@asabe.org

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

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

ASABE (American Society of Agricultural and Biological Engineers)

New Standard

BSR/ASABE S648.1 MONYEAR-201x, Agricultural Field Equipment Braking - Part 1: General Requirements (new standard)

This part of ASABE S648 provides normative references, defines terms and definitions, and establishes general test procedures for the performance of braking systems used on agricultural field equipment (as defined in ANSI/ASAE S390).

Single copy price: $61.00

Obtain an electronic copy from: vangilder@asabe.org

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

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

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME Y14.5-201x, Dimensioning and Tolerancing (revision of ANSI/ASME Y14.5-2009)

This Standard establishes uniform practices for stating and interpreting dimensioning, tolerancing, and related requirements for use on engineering drawings, models defined in digital data files, and in related documents.

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: Fredric Constantino, constantinof@asme.org

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

BSR/ATIS 0600015-201x, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting - General Requirements (revision of ANSI ATIS 0600015-2013)

This document provides the methodology to be used by vendors and third-party test laboratories in the formation of Telecommunications Energy Efficiency Ratio (TEER). This document is the base standard for determining telecommunications energy efficiency.

Single copy price: $85.00

Obtain an electronic copy from: ablasgen@atis.org

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

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

BSR/ATIS 0600029-201x, Standard for Irreversible Compression Lugs, Inline Splices, and Taps (revision of ANSI ATIS 0600029-2013)

This standard covers requirements for copper irreversible compression lugs, inline splices, and taps used in telecommunications systems, including buried connections.

Single copy price: $125.00

Obtain an electronic copy from: ablasgen@atis.org

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

AWS (American Welding Society)

New Standard

BSR/AWS J1.3/J1.3M-201x, Specification for Materials Used in Resistance Welding Applications (new standard)

This standard specifies essential properties of materials used for resistance welding electrodes and related components, the common applications of these materials, and methods of conformance verification.

Single copy price: $68.00 (nonmembers)/$51.00 (AWS members)

Obtain an electronic copy from: sborrero@aws.org

Order from: Stephen Borrero, (305) 443-9353, sborrero@aws.org

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

NECA (National Electrical Contractors Association)

New Standard

BSR/NECA 417-201X, Recommended Practice for Designing, Installing, Operating, and Maintaining Microgrids (new standard)

This Standard applies to microgrids and provides recommended practices for their design, installation, commissioning, operation, and maintenance.

Single copy price: 25.00 (NECA members)/$50.00 (non-members)

Obtain an electronic copy from: neis@necanet.org

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

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

OPEI (Outdoor Power Equipment Institute)

New Standard

BSR/OPEI B175.6-201x, Standard for Outdoor Power Equipment - Internal Combustion Engine-Powered Hand-Held Hedge Trimmers - Safety and Environmental Requirements (new standard)

The purpose of this standard is to establish safety and environmental requirements for internal-combustion-engine–powered, hand-held, hedge trimmers. The requirements of this standard apply to: (a) Internal-combustion-engine–powered, hand-held, hedge trimmers; (b) Internal-combustion-engine–powered, hand-held, extended-reach hedge trimmers; and (c) Internal-combustion-engine–powered, hand-held, multi-purpose machines when configured as a hedge trimmer.

Single copy price: $180.00

Obtain an electronic copy from: Greg Knott, gknott@opei.org

Send comments (with copy to psa@ansi.org) to: Greg Knott, gknott@opei.org

TAPPI (Technical Association of the Pulp and Paper Industry)

Reaffirmation

BSR/TAPPI T 1217 sp-2012 (R201x), Photometric linearity of optical properties instruments (reaffirmation of ANSI/TAPPI T 1217 sp-2012)

This standard practice describes a test for linearity required by the following TAPPI optical methods: T 425 (Opacity); T 452, 525, 534, 646 (Brightness); T 480, 653 (Gloss); T 524, 527 (Color); and T 560, 562 ()Whiteness). This standard practice is normally used by instrument manufacturers as the procedure for correction of photometric linearity errors.

Single copy price: Free

Obtain an electronic copy from: standards@tappi.org

Order from: Laurence Womack, (770) 209-7276, standards@tappi.org

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

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

Revision

BSR B74.12-201x, Specifications for the Size of Abrasive Grain-Grinding Wheels, Polishing and General Industrial Uses (revision of ANSI B74.12 -2012)

To establish a nationally recognized basis for checking the size of abrasive grain for use in the manufacture of grinding wheels, general polishing, and other general industrial uses such as pressure blasting, lithoplate graining, etc.

Single copy price: $3.00 (UAMA members)/$15.00 (nonmembers)

Obtain an electronic copy from: sab@wherryassoc.com

Order from: sab@wherryassoc.com

Send comments (with copy to psa@ansi.org) to: jjw@wherryassoc.com

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 1072-2013 (R201x), Standard for Safety for Medium-Voltage Power Cables (reaffirmation of ANSI/UL 1072-2013)

These requirements cover shielded and nonshielded medium-voltage power cables. Multiple-conductor cables may include one or more individually jacketed non-conductive optical-fiber members.

Single copy price: Free

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

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 399-201x, Standard for Safety for Drinking-Water Coolers (revision of ANSI/UL 399-2013a)

This proposal for UL 399 covers: (1) Revisions to controls requirements, (2) Alternate sheet metal thickness requirements, (3) Revisions to include switch mode power supply units; (4) Water coolers having two supply cords, (5) Nonmetallic materials used as water-pressurized parts, (6) Clarification to marking requirements, (7) Additional option for Ignition Protection test, and (8) Editorial corrections.

Single copy price: Free

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

Send comments (with copy to psa@ansi.org) to: Julio Morales, (919)549 -1097, Julio.Morales@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 858-201x, Standard for Safety for Household Electric Ranges (revision of ANSI/UL 858-2017)

This proposal for UL 858 covers: (1) New surface temperature measurement procedures and (2) Requirements for commercial oven cleaners for use in self-cleaning electric ovens.

Single copy price: Free

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

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 Safety for Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 1703-2017)

This proposal for UL 1703 covers: (1) Clarification of the manner of conveyance of installation and assembly instructions, Section 48; (2) Addition of requirements for PV modules as Class 2 power sources as defined in NEC Table 11(B) and for use in applications as defined by NEC Article 725 as well as with other Class 2 power source products and systems; (3) Addition of bifacial module requirements; (4) Revisions to Appendix B, Retest Guidelines; (5) Addition for the allowance of TI/RTE as an alternative for RTI in accordance with the UL 61730 Standards.

Single copy price: Free

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

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

VITA (VMEbus International Trade Association (VITA))

New Standard

BSR/VITA 48.4-201x, Liquid Flow-Through VPX Plug-In Module Standard (new standard)

This standard establishes the mechanical design interface control, outline, and mounting requirements for a liquid-flow-through cooled plug-in unit to ensure the mechanical intermateability of 6U VPX liquid-flow-through cooled plug-in module within associated subracks. The connector layout remains common with VITA 46. This plug-in module uses liquid flowing through an integral heat sink of the unit for cooling the electronic components and circuit boards. The quick disconnect coupling assemblies allow fluidic coupling to the chassis coolant manifold.

Single copy price: $25.00

Obtain an electronic copy from: admin@vita.com

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

Comment Deadline: May 29, 2018

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

ASME (American Society of Mechanical Engineers)

Reaffirmation

BSR/ASME B5.11-1964 (R201x), Spindle Noses and Adjustable Adaptors for Multiple Spindle Drilling Heads (reaffirmation of ANSI/ASME B5.11-1964 (R2013))

This standard is to provide the means for individual axial adjustment of drilling, reaming, and tapping tools, etc. in the spindles of single- or multiple-spindle heads. Further its purpose is to permit interchangeability of adapters into different manufacturers' machines consistent with necessary accuracy.

Single copy price: $33.00

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

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

Send comments (with copy to psa@ansi.org) to: Lawrence Chan, (212) 591 -7052, chanl4@asme.org

ASME (American Society of Mechanical Engineers)

Reaffirmation

BSR/ASME B5.35-1983 (R201x), Machine Mounting Specifications for Abrasive Discs and Plate Mounted Wheels (reaffirmation of ANSI/ASME B5.35-1983 (R2013))

This Standard covers ANSI Standard practice for location and size of bolt holes for mounting abrasive discs and plate mounted wheels.

Single copy price: $36.00

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

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

Send comments (with copy to psa@ansi.org) to: Lawrence Chan, (212) 591 -7052, chanl4@asme.org

ASME (American Society of Mechanical Engineers)

Reaffirmation

BSR/ASME B5.47-1972 (R201x), Milling Machine Arbor Assemblies (reaffirmation of ANSI/ASME B5.47-1972 (R2013))

The standard is confined to milling machine arbors. The reason for confining this standard to this specified milling machine accessory is that through many years of development and general usage, there already exists good agreement on the structure and dimensions of milling machine arbors between competent manufacturers of such equipment here in the United States and abroad. This agreement is much better than for many other milling machine accessories and equipment. Already considerable interchangeability exists between the products of various suppliers of milling machine arbors.

Single copy price: $33.00

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

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

Send comments (with copy to psa@ansi.org) to: Lawrence Chan, (212) 591-7052, chanl4@asme.org

ASME (American Society of Mechanical Engineers)

Reaffirmation

BSR/ASME MFC-6-2013 (R201x), Measurement of Fluid Flow in Pipes Using Vortex Flow Meters (reaffirmation of ANSI/ASME MFC-6-2013)

This Standard describes the use of vortex flowmeters, including their physical components, principle of operation, installation, performance, influence factors, and calibration in a closed conduit running full for the measurement of volumetric flowrate and volume flow total of single-phase liquids or gases including vapors such as steam.

Single copy price: $32.00

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

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

Send comments (with copy to psa@ansi.org) to: April Amaral, , AmaralA@asme.org

ASME (American Society of Mechanical Engineers)

Reaffirmation

BSR/ASME MFC-5.3-2013 (R201x), Measurement of Liquid Flow in Closed Conduits Using Doppler Ultrasonic Flowmeters (reaffirmation of ANSI/ASME MFC-5.3-2013)

This Standard applies only to ultrasonic flowmeters that base their operation on the reflection of acoustic waves, frequently referred to as a Doppler flowmeter. The flow measurement utilizes either frequency or time-domain techniques. This Standard concerns the volume flowrate measurement of a liquid dominant fluid with steady flow or flow varying only slowly with time in a completely filled closed conduit.

Single copy price: $27.00

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

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

Send comments (with copy to psa@ansi.org) to: April Amaral, , AmaralA@asme.org

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME B36.19M-201x, Stainless Steel Pipe (revision of ANSI/ASME B36.19M-2004 (R2015))

This Standard covers the standardization of dimensions of welded and seamless wrought stainless steel pipe for high or low temperatures and pressures.

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: April Amaral, , AmaralA@asme.org

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

New National Adoption

INCITS/ISO/IEC 14882:2017 [201x], Programming languages - C++ (identical national adoption of ISO/IEC 14882:2017 and revision of INCITS/ISO/IEC 14882:2014 [2016])

Specifies requirements for implementations of the C++ programming language. The first such requirement is that they implement the language, so this document also defines C++. Other requirements and relaxations of the first requirement appear at various places within this document. C++ is a general-purpose programming language based on the C programming language as described in ISO/IEC 9899:2011, Programming languages - C (referred to in this standard as the C standard). In addition to the facilities provided by C, C++ provides additional data types, classes, templates, exceptions, namespaces, operator overloading, function name overloading, references, free store management operators, and additional library facilities.

Single copy price: $232.00

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

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

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

UL (Underwriters Laboratories, Inc.)

New Standard

BSR/UL 1974-201x, Standard for Safety for Evaluation for Repurposing Batteries (new standard)

The proposed first edition of the Standard for Evaluation for Repurposing Batteries, UL 1974. This standard covers the sorting and grading process of battery packs, modules and cells, and electrochemical capacitors that were originally configured and used for other purposes, such as electric vehicle propulsion, and that are intended for a repurposed use application, such as for use in stationary energy storage and other applications. The process of sorting and grading these devices is essentially determining the state of health and other parameters to identify continued viability and the rating mechanisms the repurposing manufacturer may use for those that are determined suitable for continued use. This standard also covers application-specific requirements for battery packs utilizing repurposed batteries and components.

Single copy price: Free

Obtain an electronic copy from: https://csds.ul.com/Home/ProposalsDefault.aspx

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

Projects Withdrawn from Consideration

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

CTA (Consumer Technology Association)

BSR/CTA 490-B-201x, Test Methods of Measurement for Audio Amplifiers (new standard)

Inquiries may be directed to Veronica Lancaster, (703) 907-7697, vlancaster@cta.tech

Notice of Withdrawn ANS by an ANSI-Accredited Standards Developer

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

PMMI (PMMI - The Association for Packaging and Processing Technologies)

PMMI B155 TR 2.1-201x, Tolerances for Regular Slotted Containers (RSCs)

Inquiries may be directed to Fred Hayes, (269) 781-6567, fhayes@pmmi.org

PMMI (PMMI - The Association for Packaging and Processing Technologies)

PMMI B155 TR 2.2-201x, Tolerances for Scored and Slotted Corrugated Sheets and Trays

Inquiries may be directed to Fred Hayes, (269) 781-6567, fhayes@pmmi.org

PMMI (PMMI - The Association for Packaging and Processing Technologies)

PMMI B155 TR 2.3-201x, Storage and Handling of Corrugated Packaging Materials

Inquiries may be directed to Fred Hayes, (269) 781-6567, fhayes@pmmi.org

PMMI (PMMI - The Association for Packaging and Processing Technologies)

PMMI B155 TR 2.4-201x, Design Guidelines for the Handling of Corrugated Containers/Cut Sheets with Vacuum

Inquiries may be directed to Fred Hayes, (269) 781-6567, fhayes@pmmi.org

Correction

Deletion of Topic from Scope

BSR/UL 444-201x

The recent Standards Action Public Review dated: 3/23/2018 for BSR/UL 444-201x -- (revision of ANSI/UL 444-2017) mistakenly listed “topic 2. Introduction of Optional Suffixes HF, LSHF and ST1”. This item is being withheld for additional conversations and discussion so it will not be included in this cycle.

Call for Members (ANS Consensus Bodies)

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

AAMI (Association for the Advancement of Medical Instrumentation)
Office: 4301 N. Fairfax Dr., Suite 301
Arlington, VA 22203
Contact: *Amanda Benedict*
Phone: (703) 253-8284
Fax: (703) 276-0793
E-mail: abenedict@aami.org

BSR/AAMI ST8-2013 (R201x), Hospital steam sterilizers (reaffirmation of ANSI/AAMI ST8-2013)

BSR/AAMI SW91-201x, Classification of Defects in Health Software (new standard)

ACMA (American Composites Manufacturers Association)
Office: 3033 Wilson Boulevard, Suite 420
Arlington, VA 22201
Contact: *Larry Cox*
Phone: (740) 928-3286
Fax: (703) 525-0743
E-mail: Lcox1225@gmail.com

BSR/ACMA UEF-1-201x, Estimating Emission Factors from Open Molding and Other Composite Processes (revision of ANSI/ACMA UEF-1-2011a)

ASA (ASC S1) (Acoustical Society of America)
Office: 1305 Walt Whitman Road Suite 300
Melville, NY 11747
Contact: *Neil Stremmel*
Phone: (631) 390-0215
Fax: (631) 923-2875
E-mail: asastds@acousticalsociety.org

BSR ASA S1.1-201x, Acoustical Terminology (revision of ANSI ASA S1.1-2013)

ATIS (Alliance for Telecommunications Industry Solutions)
Office: 1200 G Street NW
Suite 500
Washington, DC 20005
Contact: *Alexandra Blasgen*
Phone: (202) 434-8840
E-mail: ablasgen@atis.org

BSR/ATIS 0600015-201x, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting - General Requirements (revision of ANSI ATIS 0600015-2013)

BSR/ATIS 0600029-201x, Standard for Irreversible Compression Lugs, Inline Splices, and Taps (revision of ANSI ATIS 0600029-2013)

AWS (American Welding Society)
Office: 8669 NW 36th Street, #130
Miami, Florida 33166-6672
Contact: *Annik Babinski*
Phone: (800) 443-9353
Fax: (305) 443-5951
E-mail: ababinski@aws.org

BSR/AWS J1.3/J1.3M-201x, Specification for Materials Used in Resistance Welding Applications (new standard)

ECIA (Electronic Components Industry Association)
Office: 2214 Rock Hill Road
Suite 265
Herndon, VA 20170-4212
Contact: *Laura Donohoe*
Phone: (571) 323-0294
Fax: (571) 323-0245
E-mail: ldonohoe@ecianow.org

BSR/EIA 364-10H-201x, Fluid Immersion Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-10G-2017)

BSR/EIA 364-20F-201x, Dielectric Withstanding Voltage Test Procedure for Electrical Connectors, Sockets and Coaxial Contacts (revision and redesignation of ANSI/EIA 364-20E-2015)

ISA (International Society of Automation)
Office: 67 Alexander Drive
Research Triangle Park, NC 27709
Contact: *Charles Robinson*
Phone: (919) 990-9213
Fax: (919) 549-8288
E-mail: crobinson@isa.org

BSR/ISA 95.00.05-201x, Enterprise-control system integration - Part 5: Business-to-manufacturing transactions (revision of ANSI/ISA 95.00.05-2013)

ITI (INCITS) (InterNational Committee for Information Technology Standards)
Office: 1101 K Street NW
Suite 610
Washington, DC 20005-3922
Contact: *Deborah Spittle*
Phone: (202) 737-8888
Fax: (202) 638-4922
E-mail: comments@standards.incits.org

INCITS/ISO/IEC 14882:2017 [201x], Programming languages - C++ (identical national adoption of ISO/IEC 14882:2017 and revision of INCITS/ISO/IEC 14882:2014 [2016])

NECA (National Electrical Contractors Association)

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

Contact: *Aga Golriz*

Phone: (301) 215-4549

E-mail: Aga.golriz@necanet.org

BSR/NECA 417-201X, Recommended Practice for Designing, Installing, Operating, and Maintaining Microgrids (new standard)

NSF (NSF International)

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

Contact: *Allan Rose*

Phone: (734) 827-3817

Fax: (734) 827-7875

E-mail: arose@nsf.org

BSR/NSF 2-201x (i29r1), Food Equipment (revision of ANSI/NSF 2 -2016)

PSAI (Portable Sanitation Association International)

Office: 2626 E. 82nd Street
Suite 175
Bloomington, IN 55425

Contact: *Karleen Kos*

Phone: (952) 854-8300

E-mail: karleenk@psai.org

BSR/PSAI Z4.5-201x, Recommended Practices Pertaining to the Operation of Mobile Portable Restroom and Hygiene Trailers (new standard)

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Peachtree Corners, GA 30092

Contact: *Laurence Womack*

Phone: (770) 209-7276

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 282 om-2013 (R201x), Hexeneuronic acid content of chemical pulp (reaffirmation of ANSI/TAPPI T 282 om-2013)

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

Office: 30200 Detroit Road
Cleveland, OH 44145-1967

Contact: *Donna Haders*

Phone: (440) 899-0010

Fax: (440) 892-1404

E-mail: djh@wherryassoc.com

BSR B74.12-201x, Specifications for the Size of Abrasive Grain-Grinding Wheels, Polishing and General Industrial Uses (revision of ANSI B74.12-2012)

VITA (VMEbus International Trade Association (VITA))

Office: 929 W. Portobello Avenue
Mesa, AZ 85210

Contact: *Jing Kwok*

Phone: (602) 281-4497

E-mail: jing.kwok@vita.com

BSR/VITA 48.4-201x, Liquid Flow-Through VPX Plug-In Module Standard (new standard)

BSR/VITA 65.0-201xx, OpenVPX System Standard (revision of ANSI/VITA 65.0-2017)

BSR/VITA 65.1-201x, OpenVPX System Standard - Profile Tables (revision of ANSI/VITA 65.1-2017)

Call for Members (ANS Consensus Bodies)

Alliance for Telecommunications Industry Solutions (ATIS), ANSI-Accredited Standards Developer

ATIS, an ANSI-accredited SDO, brings together the top global ICT companies to advance the industry's most pressing business priorities. ATIS is currently working to address the All-IP transition, network functions virtualization, big data analytics, device solutions, emergency services, M2M, cyber security, network evolution, quality of service, billing support, operations, and much more. ATIS member companies encompass a broad scope of Communications Service Providers, Network Suppliers, Power Suppliers, Subsystems Suppliers, Government Agencies, Associations, Consumer Products Suppliers and Application/OTT Providers.

ATIS is currently seeking to broaden the membership base of its ANSI consensus bodies and is interested in new members to participate in its initiatives, including emergency services, sustainability, energy efficiency, network synchronization, and wireless technologies. Of particular interest is membership from the government, academia, and user (communications service provider) communities. Membership and participation in ATIS' activities is open to all organizations as defined in ATIS' operating procedures. More information is available at www.atis.org or by e-mail from www.membership@atis.org.

Call for Members (ANS Consensus Bodies)

Call for Committee Members

ASC O1 – Safety Requirements for Woodworking Machinery

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

- General Interest
- Government
- Producer
- User

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

Final Actions on American National Standards

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

ASNT (American Society for Nondestructive Testing)

New National Adoption

ANSI/ASNT CP-106 (ISO 9712-2012)-2018, Nondestructive Testing - Qualification and Certification of Personnel (national adoption of ISO 9712: 2012 with modifications and revision of ANSI/ASNT CP-106 -2008): 3/23/2018

CSA (CSA Group)

Withdrawal

ANSI Z21.61-1983 (R2017), Standard for Gas-Fired Toilets (withdrawal of ANSI Z21.61-1983 (R2017)): 3/16/2018

NSF (NSF International)

Revision

* ANSI/NSF 40-2018 (i29r1), Residential Wastewater Treatment Systems (revision of ANSI/NSF 40-2009 (i19)): 3/20/2018

UL (Underwriters Laboratories, Inc.)

Reaffirmation

ANSI/UL 1439-2013 (R2018), Standard for Safety for Tests for Sharpness of Edges on Equipment (reaffirmation of ANSI/UL 1439 -2013): 3/22/2018

Project Initiation Notification System (PINS)

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

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

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

ASA (ASC S1) (Acoustical Society of America)

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

BSR ASA S1.1-201x, Acoustical Terminology (revision of ANSI ASA S1.1-2013)

Stakeholders: Acousticians; manufacturers; engineers; researchers; students and others with an interest in acoustics; and all users of ANSI/ASA acoustical, bioacoustical and noise standards.

Project Need: Need to incorporate suggested revisions made since the previous publication.

Provides definitions for a wide variety of terms, abbreviations, and letter symbols used in acoustics and electroacoustics. Terms of general use in all branches of acoustics are defined, as well as many terms of special use for architectural acoustics, acoustical instruments, mechanical vibration and shock, physiological and psychological acoustics, underwater sound, sonics and ultrasonics, and music.

ASTM (ASTM International)

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

BSR/ASTM WK62755-201x, New Specification for Single Filament Slippage, Filament Bind or Single Filament Pullout of Monofilament or Single Fibers in Synthetic Turf (new standard)

Stakeholders: Artificial Turf Surfaces and Systems industry

Project Need: Standard is needed by synthetic turf industry and synthetic turf users. Test is needed to standard synthetic turf testing to predict and prevent fiber loss in field use.

Scope is for a test method and specification to determine the potential fiber loss in synthetic turf field use. Scope covers both laboratory and field test methods. Specifications developed to specify minimum values needed to prevent fiber loss, at finishing, at certified testing labs, and in field usage.

AWS (American Welding Society)

Contact: Jennifer Rosario, (800) 443-9353, jrosario@aws.org

BSR/AWS B2.1-1-201-201x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 3/4 inch [19 mm] Thick, E6010 (Vertical Uphill) Followed by E7018 (Vertical Uphill), in the As-Welded Condition, Primarily Pipe Applications (new standard)

Stakeholders: Welding industry.

Project Need: Need for qualified welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 3/4 inch [19 mm], using manual shielded metal arc welding with E6010 (vertical uphill) followed by E7018 (vertical uphill). It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for pipe applications.

BSR/AWS B2.1-1-202-201x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 3/4 inch [19 mm] Thick, E6010 (Vertical Downhill) Followed by E7018 (Vertical Uphill), in the As-Welded Condition, Primarily Pipe Applications (new standard)

Stakeholders: Welding industry.

Project Need: Need for qualified welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 3/4 inch [19 mm], using manual shielded metal arc welding with E6010 (vertical downhill) followed by E7018 (vertical uphill). It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for pipe applications.

BSR/AWS B2.1-1-203-201x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 3/4 inch [19 mm] Thick, E6010 (Vertical Uphill), in the As-Welded Condition, Primarily Pipe Applications (new standard)

Stakeholders: Welding industry.

Project Need: Need for qualified welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 3/4 inch [19 mm], using manual shielded metal arc welding with E6010 (vertical uphill). It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for pipe applications.

BSR/AWS B2.1-1-204-201x, Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 3/4 inch [19 mm] Thick, E6010 (Vertical Downhill Root with the Balance Vertical Uphill), in the As-Welded Condition, Primarily Pipe Applications (new standard)

Stakeholders: Welding industry.

Project Need: Need for qualified welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 3/4 inch [19 mm], using manual shielded metal arc welding with E6010 (vertical downhill root with the balance vertical uphill). It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for pipe applications.

BSR/AWS B2.1-1-205-201x, Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E6010 (Vertical Uphill) Followed by E7018 (Vertical Uphill), in the As-Welded or PWHT Condition, Primarily Pipe Applications (new standard)

Stakeholders: Welding industry.

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual shielded metal arc welding with E6010 (vertical uphill) followed by E7018 (vertical uphill). It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for pipe applications.

BSR/AWS B2.1-1-206-201x, Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E6010 (Vertical Downhill) Followed by E7018 (Vertical Uphill), in the As-Welded or PWHT Condition, Primarily Pipe Applications (new standard)

Stakeholders: Welding industry.

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual shielded metal arc welding with E6010 (vertical downhill) followed by E7018 (vertical uphill). It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for pipe applications.

BSR/AWS B2.1-1-207-201x, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, ER70S-2, in the As-Welded or PWHT Condition, Primarily Pipe Applications (new standard)

Stakeholders: Welding industry.

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual gas tungsten arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for pipe applications.

BSR/AWS B2.1-1-208-201x, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, E7018, in the As-Welded or PWHT Condition, Primarily Pipe Applications (new standard)

Stakeholders: Welding industry.

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for pipe applications.

BSR/AWS B2.1-1-209-201x, Standard Welding Procedure Specification (SWPS) for Gas Tungsten Arc Welding Followed by Shielded Metal Arc Welding of Carbon Steel (M-1/P-1, Group 1 or 2), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, ER70S-2 and E7018, in the As-Welded or PWHT Condition, Primarily Pipe Applications (new standard)

Stakeholders: Welding industry.

Project Need: Need for pretested welding procedures that satisfy the technical requirements for the commonly used construction codes and specifications.

This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual gas tungsten arc welding followed by shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and the allowable joint designs for fillet and groove welds. This SWPS was developed primarily for pipe applications.

BPI (Building Performance Institute)

Contact: Susan Carson, (877) 274-1274, standards@bpi.org

BSR/BPI 2100-S-201x, Standard for Home Performance-Related Data Transfer (new standard)

Stakeholders: Home builders, home performance/home remodeling/indoor environment/HVAC contractors; auditors, raters, building officials, manufacturers, distributors, financiers, service providers, energy service companies, program implementers, regulators, utilities, evaluator, software companies.

Project Need: This standard will provide much-needed XML schemas that allow all data elements identified in BSR/BPI 2200-S-201x to be transferred between software systems. The standard is intended to reduce the transactional costs associated with collecting and transferring data by making communication between systems easier, and by reducing the need for the development of a data transfer protocol each time two systems need to communicate.

This standard provides requirements for an extensible mark-up language (XML) standard data transfer protocol that can be used to transfer any home performance data related to energy efficiency and indoor environment between any actor involved in the process of upgrading the quality of a home's energy efficiency and indoor environment, including contractors, raters, building officials, program administrators, utilities, U.S. Departments of Energy (DOE), Housing and Urban Development (HUD), Health and Human Services (HHS), Environmental Protection Agency (EPA), National Laboratories, etc. This standard will be a companion standard to BSR/BPI 2200-S-201x, Standard for Home Performance-Related Data Collection (BPI-2200). The scope of this standard is limited to existing residential buildings.

BSR/BPI 2200-S-201x, Standard for Home Performance-Related Data Collection (new standard)

Stakeholders: Home builders, home performance/home remodeling/indoor environment/HVAC contractors; auditors, raters, building officials, manufacturers, distributors, financiers, service providers, energy service companies, program implementers, regulators, utilities, evaluator, software companies.

Project Need: This standard provides the means to reduce the transactional costs associated with collecting and transferring data by making communication between systems easier, and by providing a basis for the creation of data transfer and storage standards. BSR/BPI 2200 is also intended to enhance research and evaluation efforts by facilitating comparison and analysis of information from multiple programs through data standardization. To promote standardization within the residential energy efficiency and indoor environment industry, the standard will also align with the data needs and vocabularies of two initiatives supported by the U.S. Department of Energy: the Building Energy Data Exchange Specification (BEDES) and the Home Energy Score (HES).

This standard provides requirements for the prescribed fields for collecting data related to energy efficiency and indoor environment assessment and installed measures of a home or dwelling and the minimum measure description collection criteria. The scope of this standard is limited to residential buildings.

CSA (CSA Group)

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

BSR Z83.21-201x, Commercial Dishwashers, same as No. 168 (revision of ANSI Z83.21-2017)

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

Project Need: Revised and new text.

Details for test and examination of commercial gas-fired and electric dishwashers for use with natural, manufactured and mixed, and liquefied petroleum gases, and LP gas-air mixtures.

ECIA (Electronic Components Industry Association)

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

BSR/EIA 364-10H-201x, Fluid Immersion Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-10G-2017)

Stakeholders: Electronics, Electrical, and Telecommunications industries.

Project Need: Revise and redesignate current American National Standard.

This standard establishes test methods to determine the ability of an electrical connector or connector assembly to resist degradation due to exposure to specific fluids with which the connector assembly may come into contact during its service life.

BSR/EIA 364-20F-201x, Dielectric Withstanding Voltage Test Procedure for Electrical Connectors, Sockets and Coaxial Contacts (revision and redesignation of ANSI/EIA 364-20E-2015)

Stakeholders: Electronics, Electrical, and Telecommunications industries.

Project Need: Revise and redesignate current American National Standard.

This standard applies to electrical connectors, sockets, and coaxial contacts.

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

Contact: Kyle Thompson, (909) 230-5534, kyle.thompson@iapmostandards.org

BSR/IAPMO IGC 349-201x, Electronic Plumbing Supply System Integrity Protection Devices (new standard)

Stakeholders: Manufacturers, users, inspectors, distributors, designers, and contractors.

Project Need: Needed for testing and certification purposes.

This standard covers automatic water leak detection and control devices, automatic water leak detection and shut-off devices, and electronic plumbing supply system integrity detection devices for commercial and residential applications and specifies requirements for materials, physical characteristics, performance testing, and markings.

ISA (International Society of Automation)

Contact: Charles Robinson, (919) 990-9213, crobinson@isa.org

BSR/ISA 95.00.05-201x, Enterprise-control system integration - Part 5: Business-to-manufacturing transactions (revision of ANSI/ISA 95.00.05-2013)

Stakeholders: Processing/manufacturing companies in all sectors of industry.

Project Need: This standard will serve as a revised Part 5 of ISA's Enterprise-Control System Integration series of standards.

This standard defines business-to-manufacturing transactions that may be used on the objects defined in the object models of the Part 1 and Part 2 standards in the ANSI/ISA-95 series. The transactions of required and actual manufacturing activities bind and organize the manufacturing objects and activities defined in those earlier standards.

PSAI (Portable Sanitation Association International)

Contact: Karleen Kos, (952) 854-8300, karleenk@psai.org

BSR/PSAI Z4.5-201x, Recommended Practices Pertaining to the Operation of Mobile Portable Restroom and Hygiene Trailers (new standard)

Stakeholders: Persons or entities who are likely to be interested and/or materially affected by this standard include:Manufacturers of portable restroom and hygiene trailers; manufacturers of hitches and other component parts of these units; manufacturers of supplies required for the ongoing operation of the units; purchasers of portable restroom and hygiene trailers; representatives of contracting/rental customers, including representatives from disaster planning teams; representatives of end users/the general public; third-party entities who certify trailers; associations representing the above groups.

Project Need: An estimated 4000 portable restroom and hygiene trailers are used in the U.S. The design and operation of these units can vary widely, while providers require consistency in practice and experience. Recommended practices are needed to ensure that all parties are able to maximize the benefits and minimize the risks of these highly valuable sanitation and hygiene resources. Such practices will: (1) Improve the end-user experience by increasing the likelihood that set-up, maintenance, safety procedures, signage, and other relevant operational processes are standardized and familiar regardless of manufacturer, portable restroom operator, or setting; (2) Promote consistency in operations; (3) Boost safety awareness and reduce incidents for all stakeholders; and (4) Systematize maintenance protocols and simplify troubleshooting by streamlining and improving the processes related to keeping these units in good working order.

The proposed standard would supplement ANSI/PSAI Z4.3 by addressing topics related to the operation of nonsewered waste disposal systems contained within the framework of these trailers. The scope of the proposed standard includes the following:
- Guidelines for the transportation, placement, management and maintenance of basic on-site services related to mobile portable restroom and hygiene trailers, from the operator's perspective, including service and maintenance techniques and frequencies, training of personnel, and risk considerations;
- Guidelines for the transportation, placement, management and maintenance of basic on-site services related to mobile portable restroom and hygiene trailers, from the user's perspective;
- Guidance on the design and construction of mobile portable restroom and hygiene trailers to facilitate compliance with ANSI/PSAI Z4.3; and
- Guidance on planning, operation, maintenance, and health and safety issues related to mobile portable restroom and hygiene trailers.

The following are outside the scope of this standard:
- Free-standing, single-user water closets and urinals lacking power and water hook-ups;
- Design and construction specifications for mobile portable restroom and hygiene trailers and related equipment;
- Modular units and buildings lacking axles or a metal frame, regardless of how they are transported;
- Limits of acceptability for wastewater discharged into a receiving body;
- Analytical methods;
- The management or structure of companies providing mobile portable restroom and hygiene trailers; and
- The content of contracts or subcontracts related to the provision of portable restroom and hygiene trailers.

TAPPI (Technical Association of the Pulp and Paper Industry)

Contact: Laurence Womack, (770) 209-7276, standards@tappi.org

BSR/TAPPI T 282 om-2013 (R201x), Hexeneuronic acid content of chemical pulp (reaffirmation of ANSI/TAPPI T 282 om-2013)

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

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

This method describes a procedure to determine hexeneuronic acid groups (HexA) in chemical pulps. HexA affects the kappa number determination by reaction with permanganate, and can react with certain bleaching chemicals, e.g., chlorine dioxide and ozone, but not with some others, such as oxygen and peroxide.

UL (Underwriters Laboratories, Inc.)

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

BSR/UL 60034-5-201X, Rotating electrical machines - Part 5: Degrees of protection provided by the integral design of rotating electrical machines (IP code) - Classification (new standard)

Stakeholders: Manufacturers of rotating electrical machines, inspection authorities, and users of rotating electrical machines.

Project Need: UL is seeking first time ANSI approval of UL 60034-5, which is an identical adoption of IEC 60034-5. This requirements are needed to address protective enclosures for rotating electrical machines and will provide an internationally accepted set of requirements.

UL 60034-5 applies to the classification of degrees of protection provided by enclosures for rotating electrical machines. It defines the requirements for protective enclosures that are in all other respects suitable for their intended use and which, from the point of view of materials and workmanship, ensure that the properties dealt with in this standard are maintained under normal conditions of use.

BSR/UL 60034-11-201X, Rotating electrical machines - Part 11: Thermal protection (new standard)

Stakeholders: Manufacturers of rotating electrical machines, inspection authorities, users of rotating electrical machines.

Project Need: UL is seeking first time ANSI approval of UL 60034-11, which is an identical adoption of IEC 60034-11. These requirements are needed to address thermal protectors and detectors for rotating electrical machines and will provide an internationally accepted set of requirements.

UL 60034-11 specifies requirements relating to the use of thermal protectors and thermal detectors incorporated into the stator windings or placed in other suitable positions in induction machines in order to protect them against serious damage due to thermal overloads. It applies to machines manufactured in accordance with IEC 60034-12 with the voltage limits specified in IEC 60034-12. The protection of bearings and other mechanical parts is not included.

UL (Underwriters Laboratories, Inc.)

Contact: Megan Sepper, (847) 664-3411, Megan.M.Sepper@ul.com

BSR/UL 3600-201x, Standard for Measuring and Reporting Circular Economy Aspects of Products, Sites and Organizations (new standard)

Stakeholders: Consumers, purchasers, or specifiers wishing to understand the circularity of a product, company operations, or company as a whole. Organizations, sellers (retailers) wishing to promote or sell products contributing to the circular economy also use this as a way to specify products. Specifically the standard will be used by manufacturers and retailers, consumers and consumer advocates, product designers and engineers, general retailers, operators, and authorities having jurisdiction.

Project Need: To assist consumers or other purchasers in identifying environmentally preferable (circular) products or services and companies wishing to promote such services or products. Today the circular economy is a concept which is communicated inconsistently. The standard will establish circular economy metrics and reporting requirements for products, sites, and organizations which can be used to communicate and track their performance.

The standard will establish circular economy metrics and reporting requirements for products, sites and organizations that can be used to communicate and track their performance.

VITA (VMEbus International Trade Association (VITA))

Contact: Jing Kwok, (602) 281-4497, jing.kwok@vita.com

BSR/VITA 65.0-201xx, OpenVPX System Standard (revision of ANSI/VITA 65.0-2017)

Stakeholders: Manufacturers, suppliers, and users of modular embedded computers.

Project Need: Add new profiles to ANSI/VITA 65.

Revise both ANSI/VITA 65.0-2017 and ANSI/VITA 65.1-2017 to (1) add additional Slot, Backplane, and Module Profiles; (2) make any needed changes/additions in common sections to support the additional profiles; and (3) make additional corrections/additions.

BSR/VITA 65.1-201x, OpenVPX System Standard - Profile Tables (revision of ANSI/VITA 65.1-2017)

Stakeholders: Manufacturers, suppliers, and users of modular embedded computers.

Project Need: Add new profiles to ANSI/VITA 65.1.

Revise both ANSI/VITA 65.0-2017 and ANSI/VITA 65.1-2017 to (1) add additional Slot, Backplane, and Module Profiles; (2) make any needed changes/additions in common sections to support the additional profiles; and (3) make additional corrections/additions.

American National Standards Maintained Under Continuous Maintenance

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

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

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

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

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

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

ANSI-Accredited Standards Developers Contact Information

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

AAFS
American Academy of Forensic Sciences

410 North 21st Street
Colorado Springs, CO 80904
Phone: (719) 453-1036
Web: www.aafs.org

AAMI
Association for the Advancement of Medical Instrumentation

4301 N Fairfax Drive
Suite 301
Arlington, VA 22203-1633
Phone: (703) 647-2779
Web: www.aami.org

ACMA
American Composites Manufacturers Association

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

ALI (ASC A14)
American Ladder Institute

Phone: (312) 321-6806
Web: www.americanladderinstitute.org

ASA (ASC S1)
Acoustical Society of America

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

ASABE
American Society of Agricultural and Biological Engineers

2950 Niles Road
Saint Joseph, MI 49085
Phone: (269) 932-7027
Fax: (269) 429-3852
Web: www.asabe.org

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

ASNT
American Society for Nondestructive Testing

1711 Arlingate Lane
P.O. Box 28518
Columbus, OH 43228-0518
Phone: (800) 222-2768 ext 241
Fax: (614) 274-6899
Web: www.asnt.org

ASTM
ASTM International

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

ATIS
Alliance for Telecommunications Industry Solutions

1200 G Street NW
Suite 500
Washington, DC 20005
Phone: (202) 434-8840
Web: www.atis.org

AWS
American Welding Society

8669 NW 36th Street
Suite #130
Miami, FL 33166-6672
Phone: (800) 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

BPI
Building Performance Institute

107 Hermes Road
Suite 110
Malta, NY 12020
Phone: (877) 274-1274
Fax: (866) 777-1274
Web: www.bpi.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

ECIA
Electronic Components Industry Association

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

IAPMO (Z)
International Association of Plumbing & Mechanical Officials

5001 East Philadelphia Street
Ontario, CA 91761
Phone: (909) 230-5534
Web: www.iapmort.org

ISA (Organization)
International Society of Automation

67 Alexander Drive
Research Triangle Park, NC 27709
Phone: (919) 990-9213
Fax: (919) 549-8288
Web: www.isa.org

ITI (INCITS)
InterNational Committee for Information Technology Standards

1101 K Street NW
Suite 610
Washington, DC 20005-3922
Phone: (202) 737-8888
Fax: (202) 638-4922
Web: www.incits.org

NECA
National Electrical Contractors Association

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

NSF
NSF International

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

OPEI
Outdoor Power Equipment Institute

341 South Patrick Street
Alexandria, VA 22314
Phone: (703) 549-7600
Fax: (703) 549-7604
Web: www.opei.org

PSAI
Portable Sanitation Association International

2626 E. 82nd Street
Suite 175
Bloomington, IN 55425
Phone: (952) 854-8300
Web: www.psai.org

TAPPI
Technical Association of the Pulp and Paper Industry

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

UAMA (ASC B74)
Unified Abrasive Manufacturers' Association

30200 Detroit Road
Cleveland, OH 44145-1967
Phone: (440) 899-0010
Fax: (440) 892-1404
Web: www.uama.org

UL
Underwriters Laboratories, Inc.

333 Pfingsten Road
Northbrook, IL 60062
Phone: (847) 664-3411
Fax: (847) 664-3411
Web: www.ul.com

VITA
VMEbus International Trade Association (VITA)

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

ExSC_034_2018
ANSI Standards Action
March 30, 2018 issue

Proposed Revision to the *ANSI Procedures for U.S. Participation in the International Standards Activities of ISO (a.k.a. ANSI International Procedures)*
(www.ansi.org/internationalprocedures)

Annex A: Model Operating Procedures for U.S. TAGs to ANSI for ISO Activities

The revision below to *A.7.5* within the *ANSI International Procedures* (www.ansi.org/internationalprocedures) was proposed by the ANSI Executive Standards Council (ExSC) in response to the following question posed by a current TAG Administrator: When new TAG members are being considered and voted upon by current TAG members for approval, does this apply to observing TAG members who have requested observer status *in addition to* voting members of the TAG?

Many TAGs have adopted the *Model Procedures for U.S. TAGs to ANSI for ISO Activities* (Annex A of the *ANSI International Procedures*). The following is excerpted from these model procedures and reflects the proposed revision agreed upon by the ExSC to clarify requirements.

Public comments received in connection with this proposed revision will be made available to the public, with attribution, in the ANSI Online public library one week after the close of the public comment deadline. The ANSI ExSC typically considers all public comments received by the comment deadline at its next regularly scheduled meeting. Thereafter, all commenters will be provided with a written disposition of their respective comments.

Public Comments are due to psa@ansi.org by April 30, 2018.

A5.5 Observers. Individuals and representatives of organizations having an interest in the U.S. TAG's work may request listing as observers. Observers shall be advised of the U.S. TAG activities, may attend meetings, and may submit comments for consideration, but shall not vote.

A7.5 Actions Requiring Approval by Majority. The following actions require a letter ballot or an equivalent formal recorded vote with approval by at least a majority of the U.S. TAG membership:

1. Approval of officers appointed by the administrator or nominated by members of the U.S. TAG
2. Formation of a subgroup, including its procedures, scope, and duties
3. Disbandment of a subgroup
4. Addition of new U.S. TAG voting members
5. Approval of minutes
6. Other actions of the committee not specified elsewhere

ISO & IEC Draft International Standards

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

Comments

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

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

Ordering Instructions

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

ISO Standards

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO/DIS 19036, Microbiology of the food chain - Estimation of measurement uncertainty for quantitative determinations - 6/10/2018, $98.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 21894, Air cargo - Cargo stopper devices - Design and testing - 4/13/2018, $46.00

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

ISO/DIS 1920-3, Testing of concrete - Part 3: Making and curing test specimens - 12/25/2040, $82.00

ISO/DIS 1920-4, Testing of concrete - Part 4: Strength of hardened concrete - 12/25/2040, $98.00

ISO/DIS 1920-6, Testing of concrete - Part 6: Sampling, preparing and testing of concrete cores - 12/25/2040, $46.00

DENTISTRY (TC 106)

ISO/DIS 4049, Dentistry - Polymer-based restorative materials - 4/13/2018, $93.00

ISO/DIS 3630-1, Dentistry - Endodontic instruments - Part 1: General requirements - 4/14/2018, $82.00

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

ISO/DIS 25178-73, Geometrical product specifications (GPS) - Surface texture: Areal - Part 73: Material measures - Terms and definitions for surface defects - 6/9/2018, $46.00

ERGONOMICS (TC 159)

ISO/DIS 9241-500, Ergonomics of human-system interaction - Part 500: Ergonomic principles for the design and evaluation of environments of interactive systems - 4/13/2018, $46.00

FASTENERS (TC 2)

ISO/DIS 3269, Fasteners - Acceptance inspection - 4/13/2018, $46.00

MACHINE TOOLS (TC 39)

ISO/DIS 10791-7, Test conditions for machining centres - Part 7: Accuracy of finished test piece - 6/7/2018, $98.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO/DIS 13653, Optics and photonics - General optical test methods - Measurement of relative irradiance in the image field - 4/13/2018, $67.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO/DIS 16321-1, Eye and face protection for occupational use - Part 1: General requirements - 6/11/2018, $112.00

ISO/DIS 16321-2, Eye and face protection for occupational use - Part 2: Additional requirements for protectors used during welding and related techniques - 6/11/2018, $77.00

ISO/DIS 16321-3, Eye and face protection for occupational use - Part 3: Additional requirements for mesh protectors - 6/11/2018, $46.00

ISO/DIS 18526-1, Eye and face protection - Test methods - Part 1: Geometrical optical properties - 6/11/2018, $58.00

ISO/DIS 18526-2, Eye and face protection - Test methods - Part 2: Physical optical properties - 6/11/2018, $146.00

ISO/DIS 18526-3, Eye and face protection - Test methods - Part 3: Physical and mechanical properties - 6/11/2018, $125.00

ISO/DIS 18526-4, Eye and face protection - Test methods - Part 4: Headforms - 6/11/2018, $62.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

ISO/DIS 22995, Petroleum products - Determination of cloud point - Automatic step-wise cooling method - 6/14/2018, $40.00

PLASTICS (TC 61)

ISO/DIS 21194, Structural adhesives - Testing of adhesively bonded joints - Bead peel test - 6/8/2018, $46.00

ISO/DIS 22631, Adhesives - Test method for adhesives for floor and wall coverings - Peel test - 6/8/2018, $46.00

ISO/DIS 22632, Adhesives - Test methods for adhesives for floor and wall coverings - Shear test - 6/8/2018, $46.00

ISO/DIS 22633, Adhesives - Test methods for adhesives for floor coverings and wall coverings - Determination of the dimensional changes of a linoleum floor covering in contact with an adhesive - 6/8/2018, $40.00

ISO/DIS 22635, Adhesives - Test method for adhesives for plastic or rubber floor coverings or wall coverings - Determination of dimensional changes after accelerated ageing - 6/8/2018, $46.00

ISO/DIS 22637, Adhesives - Test of adhesive for floor covering - Determination of the electrical resistance of adhesive films and composites - 6/8/2018, $46.00

ISO/DIS 6721-11, Plastics - Determination of dynamic mechanical properties - Part 11: Glass transition temperature - 6/8/2018, $58.00

PULLEYS AND BELTS (INCLUDING VEEBELTS) (TC 41)

ISO/DIS 9981, Belt drives - Pulleys and V-ribbed belts for the automotive industry - PK profile: Dimensions - 6/10/2018, $53.00

ROAD VEHICLES (TC 22)

ISO/DIS 2575, Road vehicles - Symbols for controls, indicators and tell-tales - 4/13/2018, $165.00

ISO/DIS 22241-4, Diesel engines - NOx reduction agent AUS 32 - Part 4: Refilling interface - 4/13/2018, $58.00

ISO/DIS 22241-5, Diesel engines - NOx reduction agent AUS 32 - Part 5: Refilling interface for passenger cars - 4/13/2018, $67.00

ROLLING BEARINGS (TC 4)

ISO/DIS 3030, Rolling bearings - Radial needle roller and cage assemblies - Boundary dimensions, geometrical product specifications (GPS) and tolerance values - 4/13/2018, $46.00

ISO/DIS 3031, Rolling bearings - Thrust needle roller and cage assemblies, thrust washers - Boundary dimensions, geometrical product specifications (GPS) and tolerance values - 4/13/2018, $53.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 9089, Marine structures - Mobile offshore units - Mooring positioning windlasses and winches - 4/13/2018, $58.00

ISO/DIS 21125, Ships and marine technology - Marine cranes - Manufacturing requirements - 4/13/2018, $46.00

ISO/DIS 21130, Ships and marine technology - Major components of emergency towing arrangements - 4/13/2018, $67.00

ISO/DIS 21131, Ships and marine technology - Marine cranes - Noise control requirements and measuring method - 4/16/2018, $40.00

ISO/DIS 21132, Ships and marine technology - Marine cranes - Operation and maintenance requirements - 4/13/2018, $40.00

ISO/DIS 22419, Ships and marine technology - Testing specification for handrail using electrical resistance trace heating - 6/14/2018, $46.00

SURFACE CHEMICAL ANALYSIS (TC 201)

ISO/DIS 10810, Surface chemical analysis - X-ray photoelectron spectroscopy - Guidelines for analysis - 4/13/2018, $98.00

SUSTAINABLE DEVELOPMENT IN COMMUNITIES (TC 268)

ISO/DIS 37159, Smart community infrastructures - Smart transportation for rapid transit in/between large city zones and the surrounding areas - 6/11/2018, $58.00

TECHNICAL SYSTEMS AND AIDS FOR DISABLED OR HANDICAPPED PERSONS (TC 173)

ISO/DIS 20342-1, Assistive products for tissue integrity when lying down - Part 1: General requirements - 6/14/2018, $107.00

TEXTILES (TC 38)

ISO/DIS 1833-20, Textiles - Quantitative chemical analysis - Part 20: Mixtures of elastane with certain other fibres (method using dimethylacetamide) - 4/13/2018, $33.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO 5718/DAmd1, Harvesting equipment - Blades for agricultural rotary mowers - Requirements - Amendment 1 - 4/13/2018, $40.00

VACUUM TECHNOLOGY (TC 112)

ISO/DIS 21360-3, Vacuum technology - Standard methods for measuring vacuum pump performance - Part 3: Specific parameters for mechanical booster vacuum pumps - 4/13/2018, $62.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 18033-3/DAmd1, Information technology - Security techniques - Encryption algorithms - Part 3: Block ciphers - Amendment 1: Kuznyechik - 4/13/2018, $46.00

ISO/IEC DIS 26552, Software and systems engineering - Tools and methods for product line architecture design - 6/10/2018, $125.00

ISO/IEC DIS 21122-1, Information technology - Low-latency lightweight image coding system - Part 1: Core coding system - 6/8/2018, $146.00

IEC Standards

17A/1172/CDV, IEC 62271-109 ED3: High-voltage switchgear and controlgear - Part 109: Alternating-current series capacitor by-pass switches, 2018/6/15

20/1795/FDIS, IEC 60811-501/AMD1 ED1: Amendment 1 - Electric and optical fibre cables - Test methods for non-metallic materials - Part 501: Mechanical tests - Tests for determining the mechanical properties of insulating and sheathing compounds, 018/5/4/

22/290/FDIS, IEC 62477-2 ED1: Safety requirements for power electronic converter systems and equipment - Part 2: Power electronic converters from 1 000 V AC or 1 500 V DC up to 36 kV AC or 54 kV DC, 018/5/4/

34B/1978/CD, IEC 60238/AMD2 ED9: Edison screw lampholders, 2018/6/15

34B/1980/CD, IEC 60400/AMD1/FRAG1 ED8: Lampholders for tubular fluorescent lamps and starterholders, 2018/6/15

34B/1981/CD, IEC 60838-1/AMD2/FRAG1 ED5: Miscellaneous lampholders - Part 1: General requirements and tests, 2018/6/15

34B/1979/CD, IEC 61184/AMD1 ED4: Bayonet lampholders, 2018/6/15

34B/1982/CD, IEC 60838-1/AMD2/FRAG2 ED5: Miscellaneous lampholders - Part 1: General requirements and tests, 2018/6/15

37/444/NP, PNW 37-444: Surge Arresters - Part 11: Metal-oxide Surge Arresters to Protect Power Line Insulation, 2018/4/20

46/678/CDV, IEC 61935-2 ED4: Specification for the testing of balanced and coaxial information technology cabling - Part 2: Cords as specified in ISO/IEC 11801 and related standards, 2018/6/15

47E/603/CD, IEC 60747-7/AMD1 ED3: Semiconductor devices - Discrete devices - Part 7: Bipolar transistors, 2018/6/15

47E/604/CD, IEC 60747-14-11 ED1: Semiconductor devices - Part 14 -11: Semiconductor sensors - Test method of surface acoustic wave based integrated sensor for measuring ultra violet, illumination and temperature, 2018/6/15

47F/306/CDV, IEC 62047-36 ED1: Semiconductor devices - Micro-electromechanical devices - Part 36: Environmental and dielectric withstand test methods for MEMS piezoelectric thin films, 2018/6/15

47F/304/CDV, IEC 62047-33 ED1: Semiconductor devices - Micro-electromechanical devices - Part 33: MEMS piezoresistive pressure-sensitive device, 2018/6/15

47F/305/CDV, IEC 62047-34 ED1: Semiconductor devices - Micro-electromechanical devices - Part 34: Test method for MEMS piezoresistive pressure-sensitive device on wafer, 2018/6/15

48B/2631/CDV, IEC 60512-23-3 ED2: Electromechanical components for electronic equipment - Basic testing procedures and measuring methods - Part 23-3: Test 23c: Shielding effectiveness of connectors and accessories, 2018/6/15

57/1981/CD, IEC TS 62351-100-3 ED1: Power systems management and associated information exchange - Data and communications security - Part 100-3: Conformance test cases for the IEC 62351-3, the secure communication extension for profiles including TCP/IP, 2018/6/15

57/1980/DTS, IEC TS 62351-100-1 ED1: Power systems management and associated information exchange - Data and communications security - Part 100-1: Conformance test cases for IEC TS 62351-5 and IEC TS 60870-5-7, 2018/6/15

62B/1089/FDIS, IEC 60601-2-54/AMD2 ED1: Amendment 2 - Medical electrical equipment - Part 2-54: Particular requirements for the basic safety and essential performance of X-ray equipment for radiography and radioscopy, 018/5/4/

64/2265/CDV, IEC 60364-8-1 ED2: Low-Voltage electrical installations - Part 8-1: Energy efficiency, 2018/6/15

65E/587/FDIS, IEC 61987-92 ED1: Industrial-process measurement and control - Data structures and elements in process equipment catalogues - Part 92: Lists of properties (LOP) of measuring equipment for electronic data exchange - Aspect LOPs, 018/5/4/

66/656/CDV, IEC 61010-2-012 ED2: Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2 -012: Particular requirements for climatic and environmental testing and other temperature conditioning equipment, 2018/6/15

66/657/CDV, IEC 61010-2-010 ED4: Safety requirements for electrical equipment for measurement, control and laboratory use - Part 2 -010: Particular requirements for laboratory equipment for the heating of materials, 2018/6/15

68/598/CD, IEC 60404-11 ED2: Magnetic materials - Part 11: Method of test for the determination of surface insulation resistance of electrical steel strip and sheet, 2018/7/13

79/607/FDIS, IEC 62676-5 ED1: Video surveillance systems for use in security applications - Part 5: Data specifications and image quality performance for camera devices, 018/5/4/

86A/1862/FDIS, IEC 60794-4 ED2: Optical fibre cables - Part 4: Sectional specification - Aerial optical cables along electrical power lines, 018/5/4/

91/1508/NP, PNW 91-1508: Future 61249-6-3: Materials for printed boards and other interconnecting structures - Part 6-3: Sectional specification set for reinforcement materials - Specification for finished fabric woven from “E” glass for printed boards, 2018/6/15

91/1509/CD, IEC 62878-1 ED1: Device embedded substrate - Generic specification, 2018/5/18

95/382/CDV, IEC 60255-1 ED2: Measuring relays and protection equipment - Part 1: Common requirements, 2018/6/15

104/788/CDV, IEC 60068-2-85 ED1: Environmental testing - Part 2-85: Tests - Test Fj: Vibration, long time history replication, 2018/6/15

104/800/FDIS, IEC 60721-2-4 ED2: Classification of environmental conditions - Part 2-4: Environmental conditions appearing in nature - Solar radiation and temperature, 018/5/4/

106/439/CDV, IEC 62311 ED2: Assessment of electronic and electrical equipment related to human exposure restrictions for electromagnetic fields (0 Hz - 300 GHz), 2018/6/15

112/424/CD, IEC TR 61244-4 ED1: Determination of long-term radiation ageing in polymers - Part 4: Effects of different temperatures and dose rates under radiation condition, 2018/6/15

113/416/DTR, ISO TR 19733 ED1: Nanotechnologies - Matrix of properties and measurement techniques for graphene and related two-dimensional (2D) materials, 2018/5/18

113/420/CD, IEC TS 62607-6-1 ED1: Nanomanufacturing - Key control characteristics - Part 6-1: Graphene - Electrical characterization of powder-type graphene, Volume resistivity of its pellet, 2018/5/18

119/210/CD, IEC 62899-202-4 ED1: Printed electronics - Part 202-4: Materials - Evaluation method of stretchable functional ink (conductive ink and insulator layer), 2018/6/15

119/209/CD, IEC 62899-201-2 ED1: Printed electronics - Part 201-2: Materials - Evaluation method of stretchable substrates, 2018/6/15

SyCAAL/92/CD, IEC TS 63134 ED1: Active Assisted Living (AAL) use cases, 2018/5/18

SyCSmartEnergy/78/DTS, IEC TS 62913-2-1 ED1: Generic Smart Grid Requirements - Part 2-1: Domains - Grid related domains, these include Transmission Grid Management, Distribution Grid Management, Microgrids and Smart Substation Automation, 2018/6/15

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

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO 8625-1:2018, Aerospace - Fluid systems - Vocabulary - Part 1: General terms and definitions related to pressure, $45.00

ISO 8625-2:2018, Aerospace - Fluid systems - Vocabulary - Part 2: General terms and definitions relating to flow, $45.00

ISO 8625-3:2018, Aerospace - Fluid systems - Vocabulary - Part 3: General terms and definitions relating to temperature, $45.00

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

IEC 80601-2-30:2018, $317.00

CRYOGENIC VESSELS (TC 220)

ISO 21028-2:2018, Cryogenic vessels - Toughness requirements for materials at cryogenic temperature - Part 2: Temperatures between -80 degrees C and -20 degrees C, $138.00

DENTISTRY (TC 106)

ISO 9687/Amd1:2018, Dentistry - Graphical symbols for dental equipment - Amendment 1, $19.00

FINE CERAMICS (TC 206)

ISO 19652:2018, Fine ceramics (advanced ceramics, advanced technical ceramics) - Test method for complete decomposition performance of semiconducting photocatalytic materials under indoor lighting environment - Decomposition of acetaldehyde, $68.00

FURNITURE (TC 136)

ISO 19833:2018, Furniture - Beds - Test methods for the determination of stability, strength and durability, $138.00

IMPLANTS FOR SURGERY (TC 150)

ISO 19227:2018, Implants for surgery - Cleanliness of orthopedic implants - General requirements, $103.00

ISO 5832-2:2018, Implants for surgery - Metallic materials - Part 2: Unalloyed titanium, $45.00

IRON ORES (TC 102)

ISO 21283:2018, Iron ores - Determination of specific surface area - Test method using air-permeability apparatus (Blaine), $68.00

MACHINE TOOLS (TC 39)

ISO 19085-10:2018, Woodworking machines - Safety - Part 10: Building site saws (contractor saws), $162.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO 11979-7:2018, Ophthalmic implants - Intraocular lenses - Part 7: Clinical investigations of intraocular lenses for the correction of aphakia, $185.00

ISO 11979-10:2018, Ophthalmic implants - Intraocular lenses - Part 10: Clinical investigations of intraocular lenses for correction of ametropia in phakic eyes, $103.00

PLASTICS (TC 61)

ISO 4898:2018, Rigid cellular plastics - Thermal insulation products for buildings - Specifications, $103.00

ISO 20819:2018, Plastics - Wood-plastic recycled composites (WPRC) - Specification, $68.00

ROAD VEHICLES (TC 22)

ISO 5011/Amd1:2018, Inlet air cleaning equipment for internal combustion engines and compressors - Performance testing - Amendment 1, $19.00

ROLLING BEARINGS (TC 4)

ISO 12297-2:2018, Rolling bearings - Cylindrical rollers - Part 2: Boundary dimensions, geometrical product specifications (GPS) and tolerance values for ceramic rollers, $103.00

SIEVES, SIEVING AND OTHER SIZING METHODS (TC 24)

ISO 18747-1:2018, Determination of particle density by sedimentation methods - Part 1: Isopycnic interpolation approach, $162.00

STEEL (TC 17)

ISO 4829-1:2018, Steel and cast iron - Determination of total silicon contents - Reduced molybdosilicate spectrophotometric method - Part 1: Silicon contents between 0,05% and 1,0%, $68.00

TEXTILES (TC 38)

ISO 20418-1:2018, Textiles - Qualitative and quantitative proteomic analysis of some animal hair fibres - Part 1: Peptide detection using LC-ESI-MS with protein reduction, $68.00

ISO Technical Specifications

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/TS 21219-21:2018, Intelligent transport systems - Traffic and travel information via transport protocol experts group, generation 2 (TPEG2) - Part 21: Geographic location referencing (TPEG-GLR), $138.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 18477-5:2018, Information technology - Scalable compression and coding of continuous-tone still images - Part 5: Reference software, $103.00

ISO/IEC 19784-1:2018, Information technology - Biometric application programming interface - Part 1: BioAPI specification, $232.00

IEC Standards

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

IEC 61937-SER Ed. 1.0 b:2018, Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - ALL PARTS, $1372.00

IEC 61937-2 Ed. 2.2 en:2018, Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 2: Burst-info, $123.00

IEC 61937-2 Amd.2 Ed. 2.0 en:2018, Amendment 2 - Digital audio - Interface for non-linear PCM encoded audio bitstreams applying IEC 60958 - Part 2: Burst-info, $23.00

ELECTRICAL EQUIPMENT IN MEDICAL PRACTICE (TC 62)

IEC 80601-2-30 Ed. 2.0 b:2018, Medical electrical equipment - Part 2 -30: Particular requirements for the basic safety and essential performance of automated non-invasive sphygmomanometers, $317.00

S+ IEC 80601-2-30 Ed. 2.0 en:2018 (Redline version), Medical electrical equipment - Part 2-30: Particular requirements for the basic safety and essential performance of automated non-invasive sphygmomanometers, $412.00

FUSES (TC 32)

IEC 60127-7 Ed. 2.0 b:2015, Miniature fuses - Part 7: Miniature fuse-links for special applications, $199.00

LAMPS AND RELATED EQUIPMENT (TC 34)

IEC 62386-217 Ed. 1.0 b:2018, Digital addressable lighting interface - Part 217: Particular requirements for control gear - Thermal gear protection (device type 16), $82.00

IEC 62386-218 Ed. 1.0 b:2018, Digital addressable lighting interface - Part 218: Particular requirements for control gear - Dimming curve selection (device type 17), $117.00

IEC 62386-224 Ed. 1.0 b:2018, Digital addressable lighting interface - Part 224: Particular requirements for control gear - Non-replaceable light source (device type 23), $47.00

MAGNETIC ALLOYS AND STEELS (TC 68)

IEC 60404-2 Amd.1 Ed. 3.0 b cor.1:2018, Corrigendum 1 - Amendment 1 - Magnetic materials - Part 2: Methods of measurement of magnetic properties of electrical steel strip and sheet by means of an Epstein frame, $0.00

IEC 60404-10 Ed. 2.0 en cor.1:2018, Corrigendum 1 - Magnetic materials - Part 10: Methods of measurement of magnetic properties of electrical steel strip and sheet at medium frequencies, $0.00

MAGNETIC COMPONENTS AND FERRITE MATERIALS (TC 51)

IEC 63093-7 Ed. 1.0 en:2018, Ferrite cores - Guidelines on dimensions and the limits of surface irregularities - Part 7: EER-cores, $117.00

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

IEC 62884-3 Ed. 1.0 en:2018, Measurement techniques of piezoelectric, dielectric and electrostatic oscillators - Part 3: Frequency aging test methods, $82.00

POWER SYSTEM CONTROL AND ASSOCIATED COMMUNICATIONS (TC 57)

IEC 61850-SER Ed. 1.0 en:2018, Communication networks and systems for power utility automation - ALL PARTS, $9519.00

IEC 61970-SER Ed. 1.0 b:2018, Energy management system application program interface (EMS-API) - ALL PARTS, $2995.00

POWER TRANSFORMERS (TC 14)

IEC 60076-3 Ed. 3.1 b:2018, Power transformers - Part 3: Insulation levels, dielectric tests and external clearances in air, $410.00

IEC 60076-3 Amd.1 Ed. 3.0 b:2018, Amendment 1 - Power transformers - Part 3: Insulation levels, dielectric tests and external clearances in air, $12.00

SURFACE MOUNTING TECHNOLOGY (TC 91)

IEC 61760-4 Amd.1 Ed. 1.0 b:2018, Amendment 1 - Surface mounting technology - Part 4: Classification, packaging, labelling and handling of moisture sensitive devices, $12.00

Registration of Organization Names in the United States

The Procedures for Registration of Organization Names in the United States of America (document ISSB 989) require that alphanumeric organization names be subject to a 90-day Public Review period prior to registration. For further information, please contact the Registration Coordinator at (212) 642-4975.

The following is a list of alphanumeric organization names that have been submitted to ANSI for registration. Alphanumeric names appearing for the first time are printed in bold type. Names with confidential contact information, as requested by the organization, list only public review dates.

PUBLIC REVIEW

Antech Imaging Services

Public Review: March 9 to June 1, 2018

NOTE: Challenged alphanumeric names are underlined. The Procedures for Registration provide for a challenge process, which follows in brief. For complete details, see Section 6.4 of the Procedures.

A challenge is initiated when a letter from an interested entity is received by the Registration Coordinator. The letter shall identify the alphanumeric organization name being challenged and state the rationale supporting the challenge.

A challenge fee shall accompany the letter. After receipt of the challenge, the alphanumeric organization name shall be marked as challenged in the Public Review list. The Registration Coordinator shall take no further action to register the challenged name until the challenge is resolved among the disputing parties.

Proposed Foreign Government Regulations

Call for Comment

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

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

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

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

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

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

Information Concerning

American National Standards

Call for Members

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

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

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

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

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

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

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

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

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

ANSI Accredited Standards Developers

Application for Accreditation

Non-Emergency Medical Transportation Accreditation Commission (NEMTAC)

Comment Deadline: April 30, 2018

The Non-Emergency Medical Transportation Accreditation Commission (NEMTAC), a new ANSI organizational member, has submitted an application for accreditation as an ANSI Accredited Standards Developer (ASD) and proposed operating procedures for documenting consensus on NEMTAC-sponsored American National Standards. NEMTAC's proposed scope of standards activity is as follows:

> NEMTAC is seeking to become the standardization making and accrediting body for all aspects of the Non-Emergency Medical Transportation (NEMT) industry. NEMTAC standards and accreditation will be used throughout the NEMT industry and by ancillary providers, including but not limited to large organizations, specialized groups, independent providers and drivers. NEMTAC will develop a robust set of NEMT best practice standards and will offer accreditation to those organizations, groups and individuals that are able to demonstrate adherence to best practice standards along with a willingness to collect and share statistics, especially regarding safety and care delivery.

To obtain a copy of NEMTAC's application and proposed operating procedures or to offer comments, please contact: Ms. Melissa Jankowski, Non-Emergency Medical Transportation Accreditation Commission, 4381 N. 75th Street, Suite 201, Scottsdale, AZ 85251; phone: 720.325.4093; e-mail: mjankowski@nemtac.org. Please submit any comments to NEMTAC by April 30, 2018, with a copy to the ExSC Recording Secretary in ANSI's New York Office (E-mail: Jthompso@ANSI.org). As the proposed procedures are available electronically, the public review period is 30 days. You may view or download a copy of NEMTAC's proposed operating procedures from ANSI Online during the public review period at the following URL:www.ansi.org/accredPR.

Approval of Reaccreditation

AMC Institute (AMCI)

The reaccreditation of the AMC Institute (AMCI), an ANSI member and Accredited Standards Developer (ASD), has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on AMCI-sponsored American National Standards, effective March 23, 2018. For additional information, please contact: Ms. Erin Carter, Associate Executive Director, AMC Institute, 1940 Duke Street, Suite 200, Alexandria, VA 22314; phone: 703.570.8954; e-mail: ecarter@amcinstitute.org.

Institute for Credentialing Excellence (ICE)

The reaccreditation of the Institute for Credentialing Excellence (ICE), an ANSI member and Accredited Standards Developer (ASD), has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on ICE-sponsored American National Standards, effective March 21, 2018. For additional information, please contact: Ms. Linda Anguish, Director of Accreditation Services, Institute for Credentialing Excellence, 2025 M Street NW, Suite 800, Washington, DC 20036; phone: 202.367.1165; e-mail: Linda.Anguish@credentialingexcellence.org.

National Fire Protection Association (NFPA)

ANSI's Executive Standards Council has approved the reaccreditation of the National Fire Protection Association (NFPA), an ANSI Member and Accredited Standards Developer, under its recently revised operating procedures for documenting consensus on NFPA-sponsored American National Standards, effective March 28, 2018. For additional information, please contact: Ms. Dawn Michele Bellis, Director, Standards Administration, NFPA Standards Council Secretary, NFPA, One Batterymarch Park, Quincy, MA 02169-7471; phone: 617.984.7246; e-mail: dbellis@nfpa.org

Telecommunications Industry Association (TIA)

The reaccreditation of the Telecommunications Industry Association (TIA), an ANSI member and Accredited Standards Developer (ASD), has been approved at the direction of ANSI's Executive Standards Council, under its recently revised TIA Procedures for American National Standards, effective March 23, 2018. For additional information, please contact: Ms. Marianna Kramáriková, AStd, Senior Director, Standards and Program Development, Telecommunications Industry Association, 1320 North Courthouse Road, Suite 200, Arlington, VA 22201; phone: 703.907.7743; e-mail: MKramarikova@tiaonline.org.

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 34 – Food Products

ANSI has been informed that American Oil Chemists Society (AOCS), the ANSI-accredited U.S. TAG Administrator for ISO/TC 34, wishes to relinquish their role as U.S. TAG Administrator.

ISO/TC 34 operates under the following scope:

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

Excluded :

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

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

ISO/TC 34/SC 18 – Cocoa

ANSI has been informed that American Oil Chemists Society (AOCS), the ANSI-accredited U.S. TAG Administrator for ISO/TC 34/SC 18, wishes to relinquish their role as U.S. TAG Administrator.

ISO/TC 34/SC 18 operates under the following scope:

Standardization in the field of cocoa, including, but not limited to, terminology, sampling, product specifications, test methods, and requirements and verification criteria for determination of the sustainability and traceability of cocoa respectively.

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

ISO/TC 180 – Solar Energy

ANSI has been informed that the American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. (ASHRAE), the ANSI-accredited U.S. TAG Administrator for ISO/TC 180, wishes to relinquish their role as U.S. TAG Administrator.

ISO/TC 180 operates under the following scope:

Standardization in the field of solar energy utilization in space and water heating, cooling, industrial process heating and air conditioning.

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

Establishment of ISO Project Committee

ISO/PC 317 – Consumer Protection: Privacy by Design for Consumer Goods and Services

A new ISO Project Committee, ISO/PC 317 – Consumer protection: privacy by design for consumer goods and services, has been formed. The Secretariat has been assigned to the United Kingdom (BSI).

ISO/PC 317 operates under the following scope:

Standardization in the field of consumer protection: privacy by design for consumer goods and services.

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

ISO/PC 318 – Community Scale Resource Oriented Sanitation Treatment Systems

A new ISO Project Committee, ISO/PC 318 – Community scale resource oriented sanitation treatment systems, has been formed. The Secretariat has been assigned to the United States (ANSI).

ISO/PC 318 operates under the following scope:

Standardization in the field of community scale resource oriented sanitation treatment systems.

Note:

The international standard will define requirements and test methods to ensure safety, performance, and sustainability of community-scale resource-oriented fecal sludge treatment units that serve approximately 1,000 to 100,000 people. The standard will apply to treatment units that (a) primarily treat human excreta, (b) are able to operate in non-sewered and off-grid environments, and (c) are prefabricated. The standard will not apply to sanitation treatment units requiring sewer infrastructure or electric grid access. Additionally, treatment units to which the standard will apply exhibit resource recovery capability (e.g., energy, drinking water, fertilizer) and are capable of being energy independent or energy net positive.

The standard is intended to ensure the general performance, safety, and sustainability of such units. The standard will exclude installation, selection, and maintenance and operation of such units.

ANSI has indicated its intent to administer the U.S. TAG.

Organizations interested in participating on the U.S. TAG should contact ANSI's ISO Team (isot@ansi.org).

ISO New Work Item Proposal

Guidelines on Integrating a Business Excellence Framework with ISO Management System Standards

Comment Deadline: April 13, 2018

SCC, the ISO member body for Canada, and BSI, the ISO member body for the UK, have jointly submitted to ISO a new work item proposal for the development of an ISO standard on Guidelines on Integrating a Business Excellence Framework with ISO Management System Standards, with the following scope statement:

Organizations implementing single or multiple management systems and simultaneously the Business Excellence framework are faced with the major challenge of lack of alignment. This can be attributed to multiple factors, including but not limited to, organizational design/structure, responsibilities matrix, contextual understanding of the linkages/inter-dependencies, silo mentality and turf protection.

"Guidelines on Integrating a Business Excellence Framework with ISO management system standards" will provide the roadmap on integrating the national/international business excellence frameworks with management system standards for enhancing organizational efficiency, facilitating effective decision-making, and promoting transparency, innovation and continuous improvement.

Scope will exclude the development of an ISO Business Excellence standard and/or development of ISO Management System standard/s. Instead, it will focus on the integration aspects, available best practices, and provision of useful practical tips for better organizational management.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, April 13, 2018.

Tableware, Giftware, Jewellery, Luminaries – Glass Clarity – Classification and Test Method

Comment Deadline: April 27, 2018

SAC, the ISO member body for China, has submitted to ISO a new work item proposal for the development of an ISO standard on Tableware, Giftware, Jewellery, Luminaries - Glass Clarity - Classification and Test Method, with the following scope statement:

The proposed International Standard will establish requirements for the use of the designations "clear glass" and "ultra-clear glass" for non-coloured glass according to their clarity and iron content. The standard will specify a procedure for measuring the clarity of glass items by means of a spectrophotometer.

The standard will cover:

- mineral glass, and

- glass in items where the glass component is not covered by coating or decoration, and is therefore accessible for sampling.

The scope of this International Standard includes glass used as tableware, giftware, jewellery and luminaries. It excludes glass used in construction work, containers, medicine and laboratories, or in other types of technical applications.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, April 27, 2018.

ISO Proposal for a New Field of ISO Technical Activity

Karst

Comment Deadline: April 20, 2018

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

Standardization in the field of karst terminology, sustainable development of karst resources, environmental protection and management of karst environment, as well as investigation and assessment (including modeling methods and mapping of karst systems).

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, April 20, 2018.

Musical Instruments

Comment Deadline: April 13, 2018

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

Standardization in the field of musical instruments including: standardization of classification, terminology, products, safe use, test methods and conformity assessment rules.

Excluded: Standardization within the scope of IEC/TC 100.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, April 13, 2018.

Meeting Notices

ANSI-Accredited Standards Committee: U.S. TAG to ISO TC 299, Robotics

Meeting format: Remote via WebEx

Topic: High-Speed Manual Mode

Purpose: Elicit and discuss feedback on the use, limitation, and possible elimination of the High-Speed Manual mode (formerly called T2) while an operator is within the safeguarded space (e.g., high-speed observation).

Day/Date/Time:Tuesday, April 10, 2018, 12 – 2 PM (Eastern time)

Background: ISO 10218-1,2:2011, Safety Requirements for Industrial Robots and Robot Systems, is currently being updated, with a planned publication date of 31 May 2021. The U.S. TAG to ISO TC 299 is seeking input on this topic in advance of the next WG 3 meeting (set for June 6 – 8, 2018).

For more information: Contact Carole Franklin, cfranklin@robotics.org.

CSA Group Hydrogen Transportation Technical Committee

The Hydrogen Transportation Technical Committee will meet on April 18, 2018 at 1 pm Eastern via Teleconference. Please contact Sara Marxen at sara.marxen@csagroup.org for more information.

Information Concerning

Opportunity

Proposed ASSE Active Shooter Technical Report

Application Deadline: April 30, 2018

The American Society of Safety Engineers (ASSE) is developing an Active Shooter Technical Report. This Technical Report is intended to provide guidance in the development and initiation of a site security plan targeted at addressing an active shooter scenario from the perspective of the Occupational Health and Safety Professional.

ASSE will be using the canvass method to develop evidence of consensus for the approval of this technical report. This notice will serve to inform potential canvassees about the use of the canvass process for developing evidence of consensus, and, if the potential canvassees are interested in participating, obtains an appropriate interest category classification. With the canvass method, a ballot will provide an opportunity for the canvassee to indicate its position (i.e., approval, objection (with reasons), abstention (with comment), or non-participation, with the advice that, in order to receive consideration, objections must be accompanied by supporting written reasons and, where possible, proposals for a solution to the problem raised.

ASSE shall develop a list of potential canvassees consisting of those persons (organizations, companies, government agencies, standards developers, individuals, etc.) known to be, or who have indicated that they are, directly and materially affected by the standard. If you fulfill that requirement and are interested in being a canvassee for ASSE's Active Shooter Technical Report, submit your application to ASSE by April 30th, 2018.

ASSE Contact:

Lauren Bauerschmidt
Manager, Standards Development
American Society of Safety Engineers (ASSE)
520 N. Northwest Highway
Park Ridge, IL 60068
(847) 768-3475
LBauerschmidt@asse.org
www.asse.org

Information Concerning

International Organization for Standardization (ISO)

ISO Proposal for a New Field of ISO Technical Activity

Transaction Assurance in E-Commerce

Comment Deadline: April 27, 2018

SAC, the ISO member body for China, and AFNOR, the national standards body for France, have submitted to ISO a proposal for a new field of ISO technical activity on Transaction Assurance in E-Commerce, with the following scope statement:

> Standardization in the field of "transaction assurance and upstream/downstream directly related processes in e-commerce", including the following:
>
> - The assurance of transaction process in e-commerce (including easier access to e-platforms and e-stores);
> - The protection of online consumer rights including both prevention of online disputes and resolution process;
> - The interoperability and admissibility of commodity quality inspection result in cross-border e-commerce;
> - The assurance of e-commerce delivery to the final consumer.
>
> Excluded:
>
> - Management system standards already covered by ISO/TC 176;
> - Authenticity, integrity and trust for products and documents standards already covered by ISO/TC 292/WG4;
> - Guidelines on consumer warranties and guarantees standards already covered by ISO/PC 303;
> - Meta-standards of information interchange standards already covered by ISO/TC 154;
> - Cross-border trade of second-hand goods standards already covered by ISO/PC 245;
> - Brand evaluation standards already covered by ISO/TC 289;
> - Online reputation standards already covered by ISO/TC290;
> - Financial services standards already covered by ISO/TC 68;
> - Identity management standards already covered by ISO/IEC/JTC1/SC27/WG5;
> - Meta-standards of data management and interchange already covered by ISO/IEC/JTC1/SC32;
> - Biometrics standards already covered by ISO/IEC/JTC1/SC37.

Since the payment and security of the transaction are very important in e-commerce, the proposed new technical committee will cooperate with ISO/TC 68(Financial services), ISO/IEC/JTC1/SC27 (IT Security techniques)and other TC via a liaison membership. If request for developing new standards for e-commerce in those TCs arose, the proposed new TC would work with them to develop the needed standards.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, April 27, 2018.

Information Concerning

Meeting Notice

CSA Group Natural Gas Transportation Technical Committee Meeting

Meeting Details:
CSA Group Natural Gas Transportation Technical Committee meeting
Teleconference/WebEx
April 18, 2018
2:30PM – 3:30PM EDT
For meeting questions, please contact Julie Cairns, Sr. Project Manager at Julie.cairns@csagroup.org

The purpose of this meeting will be to review/update the outstanding action items from the October 24, 2017 TC meeting held in Cleveland. A more detailed agenda will be posted to the COI workspace prior to the meeting. If you unable to attend, you may assign an alternate to attend on your behalf. If you have any agenda topics you would like to discuss, please send them to Debbie Chesnik, CSA Group, debbie.chesnik@csagroup.org no later than 2 weeks prior to the meeting (April 4th).

DRAFT AGENDA
Natural Gas Transportation Technical Committee
April 18, 2018
Teleconference / WebEx

A.2.1	Welcome and Housekeeping
A.2.2	Introductions and Determination of Quorum
A.2.3	Adoption of the Draft Agenda
A.2.4	Review of TC Membership
A.2.5	Approval of Minutes from 10/24/2017 TC Meeting
A.2.6	Review of Outstanding Action Items from 10/24/2017 Meeting
A.2.7	Other Business
A.2.8	Next Meeting Date
A.2.9	Meeting Adjournment

American Water Works Association

Revisions to ANSI/AWWA C715, Cold Water Meters – Electromagnetic and Ultrasonic Type, for Revenue Applications

Sec. 4.3.3.2 on casing flanges and Sec. 4.3.5 on companion flanges are modified as follows to be consistent with the other AWWA water meter standards (substantive changes to the Sept 12, 2017, draft of C715):

4.3.3.2 Casing Flanges. Casing flanges for 1½ in. (40 mm) through 20 in. (500 mm) meters shall be faced and drilled (drilling on the horizontal axis). Flanges for 1½ in. (40 mm) meters shall be the oval type. Flanges for 2 in. (50 mm) meters shall be the round or oval type. Flanges for 3 in. (80 mm) through 20 in. (500 mm) meters shall be the round type, faced and drilled, and shall conform to ASME B16.1 cast-iron pipe flange, class 125; ANSI/AWWA C207, steel plate flange, class D; or ASME B16.24 bronze pipe flange class 150. (ANSI/AWWA C115/A21.15 flanges also match class 125 ASME B16.1 flanges.) The number of bolt holes and diameter of bolt holes and bolt circle shall be as listed for companion flanges in Table 3.

4.3.5 *Companion flanges.* In order to ensure a durable, watertight connection to a particular meter, corresponding companion flanges, gaskets, bolts, and nuts or their technical specifications shall be made available through the meter manufacturer. Users may purchase qualified materials from the vendor of their choice. For 1½-in. (40-mm) and 2-in. (50-mm) meters, companion flanges shall be faced, drilled, and tapped, 1½ in. (40 mm) or 2 in. (50 mm), as required, with ASME B1.20.1 internal-taper pipe thread. For 3-in. (80-mm) through 20-in. (500-mm) meters, companion flanges shall be faced, drilled, and tapped with ASME B1.20.1 cast-iron pipe thread and shall conform to ASME B16.1 cast-iron pipe flange, class 125, or ANSI/AWWA C207, steel plate flange, class D. Dimensions shall be those listed in Table 3.

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

NSF International Standard/
American National Standard –

Food equipment

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5 Design and construction

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5.56.4 Backflow prevention

5.56.4.1 Units intended to be connected to a water supply system under pressure shall have one of the following:

— an air gap at least twice the diameter of the water supply inlet but not less than 1.0 in (25 mm); or

— a vacuum breaker that conforms to ANSI/ASSE 1001, *Atmospheric Type Vacuum Breakers* (for intermittent pressure conditions); or

— a vacuum breaker that conforms to ANSI/ASSE 1020, *Pressure Vacuum Breaker Assembly* (for continuous pressure conditions); or

— a backflow prevention device that conforms to ANSI/ASSE 1022, *Backflow Preventer for Beverage Dispensing Equipment*; or

— a backflow prevention device that conforms to ANSI/ASSE 1024, *Dual Check Backflow Preventers*; or

— a backflow prevention device that conforms to ASSE 1032, *Dual Check Valve Type Backflow Preventers for Carbonated Beverage Dispensers – Post Mix Type*; or

— a statement in the installation instruction and on a label permanently affixed to the equipment that clearly indicates that the equipment is to be installed with adequate backflow protection to comply with applicable federal, state, and local codes.

***Rationale**: the boilerplate update for the 2007 publication erroneously removed the air gap option from the allowable list. This language will serve as boilerplate for other FE Standards and be balloted to each at a later date.*

BSR/UL 87A, Standard for Safety for Power-Operated Dispensing Devices for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85)

1. Revisions to add CE40a test fluid requirements

PROPOSAL

1.8 Products intended to be rated for use with gasoline or gasoline/ethanol blends with nominal ethanol concentrations:

a) Up to 25 percent (E0 - E25) shall be evaluated using the CE25a test fluid as the only applicable test fluid;

b) Up to 40 percent (E0 – E40) shall be evaluated using both the CE25a and CE40a test fluid, or;

c) Up to 85 percent shall be evaluated using both the CE25a and the CE85a test fluids.

5.1.1.1 A metallic part, in contact with the fuels anticipated by these requirements, shall be resistant to the action of the fuel if degradation of the material will result in leakage of the fuel or if it will impair the function of the device. For all fuel ratings, see Corrosion due to fluid, 5.1.2.1. For products rated for gasoline/ethanol blends with nominal ethanol concentrations greater than ~~40~~ 25%, see Metallic materials - system level, 5.1.3.

5.1.3.1 Combinations of metallic materials in products rated for use with gasoline/ethanol blends with nominal ethanol concentrations greater than ~~40~~ 25% shall be chosen to reduce degradation due to galvanic corrosion in accordance with 5.1.3.2 - 5.1.3.4.

27.2 All tests shall be performed using the test fluids specified for that test. No substitution of test fluids is allowed. When the test indicates that CE25a, CE40a, or CE85a are to be used, the test fluid shall be prepared as described in Supplement SA.

29.1.1 The test outlined in 29.2 - 29.4 is to be performed on one or two samples of the device.

If the product is rated for use with gasoline or a gasoline/ethanol blends with a nominal ethanol concentration of up to 25 percent (E0 - E25), then the test shall be performed using the CE25a test fluid.

If the product is rated for use with gasoline or a gasoline/ethanol blends with a nominal ethanol concentration of 40 percent (E0 – E40), then the test shall be performed using the CE40a test fluid.

If the product is rated for use with a gasoline/ethanol blend with a nominal ethanol concentration above 25 percent, then the test shall be performed using both the CE25a and CE85a test fluids.

See Supplement SA for the test fluids.

33.2 For products rated for gasoline or a gasoline/ethanol blends with a nominal ethanol concentration of up to 25 percent (E0 - E25), the test shall be performed on one set of samples using the CE25a test fluid. If the product is rated for use with gasoline or a gasoline/ethanol blends with a nominal ethanol concentration of up to 40 percent (E0 - E40), then the test shall be performed using the CE40a test fluid. If the product is rated for gasoline/ethanol blends with a nominal ethanol concentration above 25 percent, then the test shall be performed on two sets of samples using both the CE25a and CE85a test fluids. See Supplement SA. Each set of samples shall be immersed (completely submerged) in vessels containing the applicable test fluid for 168 hours at 23 ±2°C (73 ±4°F).

34.2 For products rated for gasoline or a gasoline/ethanol blend with a nominal ethanol concentration of up to 25 percent (E0 - E25), the test shall be performed on one set of samples using the CE25a test fluid. If the product is rated for use with gasoline or a gasoline/ethanol blends with a nominal ethanol concentration of up to 40 percent (E0 - E40), then the test shall be performed using the CE40a test fluid. If the product is rated for gasoline/ethanol blends with a nominal ethanol concentration above 25 percent, then the test shall be performed on two sets of samples using both the CE25a and CE85a test fluids. See Supplement SA. Each set of samples shall be immersed (completely submerged) in vessels containing the applicable test fluids for 168 hours at 23 ±2°C (73 ±4°F).

42.4 For products rated for gasoline or a gasoline/ethanol blend with a nominal ethanol concentration of up to 25 percent (E0 - E25), the test shall be performed on one set of samples using the CE25a test fluid. If the product is rated for use with gasoline or a gasoline/ethanol blends with a nominal ethanol concentration of up to 40 percent (E0 - E40), then the test shall be performed using the CE40a test fluid. If the product is rated for gasoline/ethanol blends with a nominal ethanol concentration above 25 percent, then the test shall be performed on two sets of samples using both the CE25a and CE85a test fluids. See Supplement SA. The specimens are to be exposed for 168 hours (7 days) to saturated vapors of the applicable test fluids as separate tests. During and after the exposure, the specimens are to be observed for discoloration, swelling, crazing, leaching, or dissolving.

45.1.1 A dispensing device shall be marked with the following information:

a) The manufacturer's or private labeler's name or identifying symbol and a distinctive catalog number or the equivalent;

b) The electrical rating;

c) For E85 rated dispensing devices, the wording "Use only the following:" and the brand names and specific model designations of permitted combinations of hose assemblies, breakaway couplings, swivel connectors, and hose nozzle valves to be used. For E25 rated dispensing devices, the wording "Use only E25 rated hanging hardware," or the equivalent. Marking shall be located where it will be seen by the responsible personnel when performing the intended assembly. For E40 rated dispensing devices, the wording "Use only E40 rated hanging hardware," or the equivalent. Marking shall be located where it will be seen by the responsible personnel when performing the intended assembly;

d) The wording "For internal fluid confining components, replace only with identical parts." Marking shall be located where it will be seen by the responsible personnel when performing the intended assembly;

e) The manufacturer's or private labeler's name or identifying symbol and distinctive catalog number or the equivalent of any specific auxiliary equipment that is required to be installed in conjunction with the device to provide intended operation;

f) The electrical rating of a major or significant component part such as a motor, control valve, power reset, or other components which, when obscured by its location within a device, shall be reprinted in a visible location;

g) The date or other dating period of manufacture not exceeding any three consecutive months. The date code shall not repeat in less than 20 years; and

h) Dispensing devices shall be marked to indicate the fuel rating for which they are intended. The marking shall be “Gasoline” for dispensers rated for gasoline only, shall be "E25" for dispensers rated for gasoline and gasoline/ethanol blends with nominal ethanol concentrations up to 25 percent ethanol (E0 - E25), "E40" for dispensers rated for gasoline and gasoline/ethanol blends with nominal ethanol concentrations up to 40 percent ethanol (E0 - E40), or "E85" for dispensers rated for gasoline and gasoline/ethanol blends with nominal ethanol concentrations up to 85 percent ethanol (E0 - E85). This marking shall be prominently displayed to identify the dispenser.

SA.1 Details

There are ~~two~~ three test fluids that are applicable for tests in this standard. The fluids are designated by a format that fits the form of CEXXa; where “C” indicates ASTM Reference Fuel C (50% Isooctane, 50% Toluene); “E” indicates synthetic ethanol (designated CDA20); “XX” indicates percentage amount of the ethanol that is added to the solution; and “a” indicates aggressive elements that are added to the synthetic ethanol. The aggressive elements are used to represent contaminants that can be found in actual use and are used to help represent the worst case test fluid. The aggressive elements are mixed in accordance with the Recommended Practice for Gasoline, Alcohol, and Diesel Fuel Surrogates for Material Testing, SAE J1681.

The aggressive elements include deionized water, sodium chloride, sulfuric acid, and glacial acetic acid. Table SA.1 outlines the amounts of each of these elements in one liter of aggressive ethanol.

Table SA.1

Aggressive ethanol test fluid

Component	Units	1 Liter of CE85a	1 Liter of CE40a	1 Liter of CE25a
ASTM Reference Fuel C	Liter	0.150	0.600	0.750
Synthetic Ethanol	Liter	0.843	0.397	0.248
Deionized Water	Liter	0.007	0.003	0.002
Sodium Chloride	Gram	0.003	0.002	0.001
Sulfuric Acid	Milliliter	0.010	0.005	0.003
Glacial Acetic Acid	Milliliter	0.050	0.020	0.010

CE25a consists of a 75% ASTM Reference Fuel C and 25% aggressive ethanol mixture. CE40a consists of a 60% ASTM Reference Fuel C and 40% aggressive ethanol mixture. CE85a consists of a 15% ASTM Reference Fuel C and 85% aggressive ethanol mixture. These two fluids may be used to condition samples as noted in each specific test that indicates that these fluids are to be used. The test fluids are to be prepared just prior to use to minimize effects on the test fluid. The aggressive ethanol is corrosive and changes can occur to the solution from interactions with the storage and transfer containers. Exposure to air and or moisture may also effect the test fluid.

Products intended to be rated for use with gasoline or gasoline/ethanol blends with nominal ethanol concentrations up to 25 percent (E0 - E25) shall be evaluated using the CE25a test fluid as the only applicable test fluid. If the product is rated for use with gasoline or a gasoline/ethanol blends with a nominal ethanol concentration of up to 40 percent (E0 - E40), then the test shall be performed using the CE40a test fluid. Products intended to be rated at gasoline/ethanol blends with nominal ethanol concentration greater than 25 percent shall be evaluated using both the CE25a test fluid and the CE85a test fluid.

For products evaluated using the CE25a test fluid, one sample is required to be conditioned in accordance with the test sequence in Section 28. For products evaluated using the CE40a test fluid, one sample is required to be conditioned in accordance with the test sequence in Section 28. For products using CE25a and CE85a ~~both~~ test fluids, two samples are required to be conditioned, one in fluid, in accordance with the test sequence in Section 28.

BSR/UL 1203, Standard for Safety for *Explosion-Proof and Dust-Ignition-Proof Electrical Equipment for Use in Hazardous (Classified) Locations*

1. Closing of Unused Entries in Division 1 Electrical Equipment Enclosures Revisions

PROPOSAL

10.6.1.3 All unused threaded openings through the walls of an explosion-proof enclosure shall be closed by a device or a threaded plug. The joint formed, upon assembly, shall comply with 10.6.2.1. For field wiring connections, enclosures having multiple threaded entries, unused entry threads are permitted to be provided with a conspicuous notice such as a temporary paper label, tag, flag or the like held in place near the entry, such as by a thread protector in the entry. See 60.25.

60.25 With respect to multiple entries in 10.6.1.3, a conspicuous notice such as a temporary paper label, tag, flag or the like held in place near the entry, such as by a thread protector in the entry, is permitted to be used to notifying the installer that unused openings are to be closed with metal close-up plugs listed for at least the same Class and Group as the electrical equipment and made up 5 full threads engagement wrench tight.

BSR/UL 2089, Standard for Vehicle Battery Adapters

1. Exception for Vehicle Adapters without Cords Provided

PROPOSAL

15.1.1 A unit shall be provided with an output cord for each output, attached or detachable, which:

a) Terminates in a connector for connection to a low voltage appliance; or

b) Is permanently attached to an intermediate enclosure for filtering or regulating circuitry. The intermediate enclosure shall be provided with means for connection of the output consisting of a cord, insulated leads, output connectors, or battery receptacle.

Exception: An output cord is not required to be provided with the unit if the Operating Instructions include the following wording or equivalent: "WARNING - Do not hang any type of accessory or accessory bracket from the plug".

BSR/UL 2225, Standard for Safety for Cables and Cable-Fittings for Use in *Hazardous (Classified) Locations*

1. Cable fittings for Class II, Division 1 only including the construction, testing, marking requirements and editorial revisions.

PROPOSAL

PART II - EXPLOSIONPROOF CABLE SEALING FITTINGS AND DUST-IGNITIONPROOF CABLE ~~SEALING~~ FITTINGS

12.1 ~~Cable sealing~~ Explosionproof cable sealing fittings and dust igntionproof cable fittings shall comply with the applicable construction requirements in the Standard for Conduit, Tubing, and Cable Fittings, UL 514B, and with the construction requirements in this standard, except as modified by this standard. Where requirements conflict with this standard, the requirements in this standard shall apply.

12.3 The width of all joint surfaces or the length of path through or across any joint surface or opening in the cable sealing fitting, including threadless joints and threaded joints, shall be dimensionally measured for compliance with the appropriate requirements contained in 15.1 or in the Standard for Explosionproof and Dust~~-i~~ Ignitionproof Electrical Equipment for Use in Hazardous (Classified) Locations, UL 1203, for the specific ~~hazardous locations~~ Class and Group for which the sealing fitting is intended.

14 Bonding Continuity

14.1 Cable sealing fitting intended for use with multiconductor metal-clad (Type MC) cables shall be constructed in a manner such that connection between the metallic covering of the cable and the cable connector complies with the construction and test requirements of the Standard for Conduit, Tubing, and Cable Fittings, UL 514B.

14.2 2 Non-metal parts relied upon to create compression to maintain the bonding path between the cable fitting and the Type MC metal-clad cable armor shall be determined to comply with the test requirements of the Standard for Conduit, Tubing, and Cable Fittings, UL 514B after being aged, using the maximum rated temperature of the cable fitting as the maximum service temperature of the cable fitting, in accordance with the Table 4.3 of Standard for Gaskets and Seals, UL 157.

16 Supply Connection~~s~~ Threads for Flameproof "d", ~~and~~ Explosionproof, and Dust Ignitionproof Fittings

16.4 A fitting having Metric threads shall ~~be constructed in accordance with Table 16.1~~ have not less than 8 threads of tolerance class 6g.

~~**Table 16.1**~~

~~**Number of threads versus class of fit**~~

~~Class I Group~~	~~Minimum number of threads~~	~~Tolerance Class~~
~~A, B, or IIC~~		
	~~8~~	~~6g/6H~~
~~C or IIB~~	~~5~~	~~6g/6H~~
~~D or IIA~~	~~5~~	~~6g/6H~~

17 Explosionproof and Flameproof Seal

17.1 A seal shall be provided between the end of the connector intended for the connection of the cable and the end of the ~~connector~~ fitting intended for connection to the explosionproof or flameproof equipment as indicated in 17.2 - 17.5.

25.2A Elastomeric materials relied upon to prevent the entrance of dust shall be aged using the maximum rated temperature of the cable fitting as the maximum service temperature of the fitting, in accordance with the Table 4.3 of Standard for Gaskets and Seals, UL 157 before being subjected to the tests of 25.3 or 25.7.

25.7 As an alternative to the tests of 25.3, cable fittings are permitted to be subjected to the tests in Section 36.8 after being assembled to a clean polished mandrel as described in 36.2.2.

35.2 NPT entry thread of a cable fitting or cord connector in compliance with Supply Connections Threads ~~for Flameproof "d" and Explosionproof Fittings~~, Section 16 need not be tested to determine compliance with 36.8.

35.4 Supply connection threads of metal "t" or "tD" cable fittings shall be:

a) NPT or metric threads in compliance with Supply Connection~~s~~ Threads ~~for Flameproof "d" and Explosionproof Fittings~~, Section 16; or

b) In accordance with the Standard for Conduit, Tubing, and Cable Fittings, UL 514B.

35.6 Supply connection threads of "t" or "tD" cord connectors shall be:

a) NPT or metric threads in compliance with Supply Connection~~s~~ Threads ~~for Flameproof "d" and Explosionproof Fittings~~, Section 16; or

b) In accordance with the Standard for Conduit, Tubing, and Cable Fittings, UL 514B.

37.1 Cable sealing fitting shall be marked with the following:

a) The manufacturer's or private labeler's name, trademark, or other descriptive marking by which the organization responsible for the product may be identified.

b) A descriptive catalog or designation number to specifically identify the product.

c) Thread size. For example: ½ NPT or M25, etc.

d) Designation of the hazardous location in which the product is intended to be used. For the specific marking for Class I, II, and III, Division 1 and 2, see 37.2; for AEx marking for explosive gas atmospheres, see 37.3 or for AEx marking for explosive dust atmospheres, see 37.4. The AEx marking for explosive gas atmospheres and explosive dust atmospheres shall be separate and not combined.

37.3 AEx marking for explosive gas atmospheres shall be marked with the following:

a) Class I;

b) ~~The applicable Zone marking - i.e. Zone 0,~~ Zone 1~~, or Zone 2~~;

c) The symbol AEx;

d) The symbol for each type of protection used:

1) "d" or "db": flameproof;

2) "e" or "eb": increased safety;

e) The symbol of the group:

1) IIA, IIB or IIC for electrical equipment for places with an explosive gas atmosphere other than mines susceptible to firedamp.

2) When the electrical equipment is for use only in a particular gas, the chemical formula or the name of the gas in parentheses.

3) When the electrical equipment is for use in a particular gas in addition to being suitable for use in a specific group of electrical equipment, the chemical formula shall follow the group and be separated with the symbol “+”, for example, “IIB + H_2”.

f) For flameproof cable sealing fittings for use in Groups IIA, IIB, or IIC classified locations. The minimum ambient temperature rating when less than minus 20°C (minus 4°F).

The markings a) to e) shall be placed in the order in which they are given and shall each be separated by a small space.

To avoid the risk of explosion due to confusion with explosionproof cord and cable fittings marked “Class I, Division 2” in accordance with 37.2, cord or cable fittings complying only with the requirements for flameproof “d” or increased safety “e” cable fittings shall not be additionally marked “Class I, Division 2”.

NOTE In accordance with NEC Article 501, cable sealing fittings marked “d” or “e” are permitted to be used for the connection of general purpose assemblies acceptable for Class I, Division 2 locations.

37.4 AEx marking for explosive dust atmospheres are marked with the following:

a) ~~The applicable Zone marking - i.e. Zone 20,~~ Zone 21~~, or Zone 22~~;

b) The symbol AEx;

c) The symbol for each type of protection used:

~~1)~~ ~~"ta",~~ "tb"~~, "tc",~~ or "tD": dust ignition protection by enclosure.

To avoid the risk of explosion due to confusion with explosionproof cord and cable fittings marked “Class I, Division 2” in accordance with 37.2, cord or cable fittings complying only with the requirements for protection by enclosure “ta”,“tb”, “tc” or “tD” cable fittings shall not be additionally marked Class I, Division 2 or Class II, Division 2.

NOTE Where acceptable per NEC Section 502.6, cable fittings for Zone 21 or Zone 22 locations are permitted to be installed in Class II, Division 2 locations.

BSR/UL 61010-2-201, Standard for Safety Requirements for Electrical Equipment for Measurement, Control, and Laboratory Use - Part 2-201: Particular Requirements for Control Equipment

1. Adoption of IEC 61010-2-201:2017, Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 2-201: Particular requirements for control equipment, as a new IEC-based UL standard, UL 61010-2-201 with U.S. Differences

Annex GG

(informative)

Description of major changes from the First edition to the Second edition of IEC 61010-2-201

A brief summary of the major changes from the First edition to the Second Edition of IEC 61010-2-201:2017, Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 2-201: Particular requirements for control equipment, as specified by UL, is shown below:

Cl	Change
2-201.1-1.1.1 Scope	Reworded equipment examples. Clarified equipment rated CAT II, III and IV is covered by this standard.
2-201.1-3 Terms and Definitions	Terms and definitions were added or changed. Key Changes include:
	Modified “Protective Conductor Terminal” replace by “Protective Earth Terminal”
	Added definition of Ambient as air surrounding the equipment.
	Removed Hand-held equipment.
2-201.1-5.1.5.2 Terminals	Functional Earth Terminal can be IEC 60417-5017or IEC 60417-5018.
2-201.1-5.1.8 Field Wiring Terminal boxes	Field wiring terminal need not be marked to indicate the temperature rating for control circuit conductors.
2-201.1-5.4.1 General	Allows instruction to be in the form of electronic media for equipment intended to be installed by service personnel or trained installers.
2-201.1-6.7.1.1 Figure 2-201.1-102	Corrected and added clarification. Items circled in red, on right side, may only apply to spread of fire considerations, clause 9. Identification of each circuit e.g. Mains circuit #1 and #2 are added to clarify that those items apply to different (separated) circuits.

2-201.1-6.7.1.2 Clearances	Linear interpolation is permitted between the nearest two points in Table 3.
2-201.1-6.7.2.1 Clearance and Creepage Distances	Annex FF added to clarify measurement of Clearance (CL) and Creepage (Cr) distances for components mounted on a printed wiring board (PWB). The key clarification was to note that the required Cr distance from pad to pad may be based on the component material group (Other insulating material) and not the PWB material group depending on the distance between the component and the PWB. This could increase the required Cr distances between the pads on the printed wiring board.
2-201.1-6.7.101 Insulation for Field Wiring Terminal of CAT II	Table 104 was revised to align with IEC 61131-2. Requirements of some creepage and clearance distances were reduced. Clarified that Annex K shall be used for CAT III and IV applications.
6.8.3 Test procedures	Removed the 500 VA requirements for dielectric testers.
2-201.1-8.1 General	Clarified that impact testing to 6.8 Joules. Minor increase in impact force.
2-201.1-9 Protection against spread of fire	Cl 9.2 added Figure 102.
	Cl 9.3.2 Added glow-wire test as option. Added test requirements to allow magnesium alloy enclosure, Annex DD.
2-201.1-10 Equipment Temperature limits and resistance to heat.	No significant change in requirement but significant change to attesting methodology. Removed test enclosure requirements for Open type equipment. Details means to measure ambient temperature. Requires most equipment to be tested at rated ambient temperature.