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## American National Standards

### Call for comment on proposals listed

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

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

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

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

\* Standard for consumer products

## Comment Deadline: July 24, 2016

### UL (Underwriters Laboratories, Inc.)

#### Revision

BSR/UL 8-201X, Standard for Water Based Agent Fire Extinguishers (revision of ANSI/UL 8-2011)

It is being proposed to remove the requirement that a siphon tube not be displaced from the vertical axis during assembly.

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Mark Ramlochan, (613) 368-4422, [Mark.Ramlochan@ul.com](mailto:Mark.Ramlochan@ul.com)

### UL (Underwriters Laboratories, Inc.)

#### Revision

BSR/UL 758-201X, Standard for Safety for Appliance Wiring Material (Proposal Dated 6/24/16) (revision of ANSI/UL 758-2016)

Addition of Mixed Conductor, new 5.7.9.1.

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Linda Phinney, Linda.L.Phinney@ul.com

### UL (Underwriters Laboratories, Inc.)

#### Revision

BSR/UL 1066-201X, Standard for Safety for Low-Voltage AC and DC Power Circuit Breakers Used in Enclosures (revision of ANSI/UL 1066-2013)

(1) Addition of requirements for integrally mounted, remotely operated racking mechanisms for use with low-voltage power circuit breakers.

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Patricia Sena, (919) 549-1636, [patricia.a.sena@ul.com](mailto:patricia.a.sena@ul.com)

### UL (Underwriters Laboratories, Inc.)

#### Revision

BSR/UL 1254-201X, Standard for Pre-Engineered Dry Chemical Extinguishing System Units (revision of ANSI/UL 1254-2015)

UL proposes an alternate ultraviolet light exposure test method for UL 1254.

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

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

### UL (Underwriters Laboratories, Inc.)

#### Revision

BSR/UL 2127-201X, Standard for Inert Gas Clean Agent Extinguishing System Units (revision of ANSI/UL 2127-2015)

UL proposes an alternate ultraviolet light exposure test method for UL 2127.

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

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

### UL (Underwriters Laboratories, Inc.)

#### Revision

BSR/UL 2166-201X, Standard for Halocarbon Clean Agent Extinguishing System Units (revision of ANSI/UL 2166-2015)

UL proposes an alternate ultraviolet light exposure test method for UL 2166.

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

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

### UL (Underwriters Laboratories, Inc.)

#### Revision

BSR/UL 2775-201x, Standard for Fixed Condensed Aerosol Extinguishing System Units (revision of ANSI/UL 2775-2014)

UL proposes an alternate ultraviolet light exposure test method for UL 2775.

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

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

### UL (Underwriters Laboratories, Inc.)

#### Revision

BSR/UL 2846-201x, Standard for Safety for Fire Test of Plastic Water Distribution Plumbing Pipe for Visible Flame and Smoke Characteristics (Proposal dated 04-15-16) (revision of ANSI/UL 2846-2014)

The following changes in requirements to the Standard for Fire Test of Plastic Water Distribution Plumbing Pipe for Visible Flame and Smoke Characteristics, UL 2846, are being proposed: (1) Revision of the scope of products covered by UL 2846.

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Lane Terrell, (919) 549-1309, [lane.terrell@ul.com](mailto:lane.terrell@ul.com)

## Comment Deadline: August 8, 2016

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

#### New National Adoption

BSR/AAMI/ISO 17664-201x, Sterilization of health care products - Information to be provided by the device manufacturer for the processing of medical devices (identical national adoption of ISO 17664 (in development))

Specifies requirements for the information to be provided by the medical device manufacturer for the processing of a medical device that requires cleaning followed by disinfection and/or sterilization to ensure that the device is safe and effective for its intended use.

Single copy price: Free

Obtain an electronic copy from: [jmoyer@aami.org](mailto:jmoyer@aami.org)

Order from: [https://standards.aami.org/kws/groups/PUBLIC\\_REV/download/8964](https://standards.aami.org/kws/groups/PUBLIC_REV/download/8964)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Jennifer Moyer, (703) 253-8274, [jmoyer@aami.org](mailto:jmoyer@aami.org)

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

ANSI/AAMI ID26-2004 (R2013), Medical electrical equipment - Part 2: Particular requirements for the safety of infusion pumps and controllers (withdrawal of ANSI/AAMI ID26-2004 (R2013))

Specifies the requirement for infusion pumps, infusion controllers, syringe pumps, and pumps for ambulatory use. These devices are intended for use by medical staff and home patients as prescribed and medically indicated.

Single copy price: \$125.00 (AAMI member)/\$209.00 (list)

Obtain an electronic copy from: [jmoyer@aami.org](mailto:jmoyer@aami.org)

Order from: [www.aami.org](http://www.aami.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Jennifer Moyer, (703) 253-8274, [jmoyer@aami.org](mailto:jmoyer@aami.org)

**ABYC (American Boat and Yacht Council)****New Standard**

BSR/ABYC EDU-2-201x, Skill-Based Human Propelled Standard (new standard)

This standard is a guide for on-water skills necessary to safely operate a human-propelled boat.

Single copy price: \$50.00

Obtain an electronic copy from: [hkoepper@abycinc.org](mailto:hkoepper@abycinc.org)

Order from: Helen Koepper, (410) 990-4460, [hkoepper@abycinc.org](mailto:hkoepper@abycinc.org)

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

**AHRI (Air-Conditioning, Heating, and Refrigeration Institute)****New Standard**

BSR/AHRI Standard 910 (I-P)-201x, Performance Rating of Indoor Pool Dehumidifiers (new standard)

This standard applies to factory-made residential, commercial and industrial Indoor Pool Dehumidifiers, as defined in Section 3. This standard applies to electrically operated, vapor-compression refrigeration systems.

Single copy price: Free

Obtain an electronic copy from: [dabbate@ahrinet.org](mailto:dabbate@ahrinet.org)

Order from: Daniel Abbate, (703) 600-0327, [dabbate@ahrinet.org](mailto:dabbate@ahrinet.org)

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

**APA (APA - The Engineered Wood Association)****Revision**

BSR/APA PRR 410-201x, Standard for Performance-Rated Engineered Wood Rim Boards (revision of ANSI/APA PRR-410-2011)

This standard provides dimensions and tolerances, performance requirements, test methods, quality assurance, and trademarking for engineered wood rim boards.

Single copy price: Free

Obtain an electronic copy from: [borjen.yeh@apawood.org](mailto:borjen.yeh@apawood.org)

Order from: Borjen Yeh, (253) 620-7467, [borjen.yeh@apawood.org](mailto:borjen.yeh@apawood.org)

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

**ASA (ASC S1) (Acoustical Society of America)****Revision**

BSR ASA S1.6-201x, Preferred Frequencies and Filter Band Center Frequencies for Acoustical Measurements (revision of ANSI ASA S1.6-1984 (R2011))

Defines preferred frequencies and nominal filter band center frequencies to be used for acoustical measurements. Exact filter center frequencies for constant percent bandwidth filter banks are calculated using ordinal integer band numbers. The differences between the preferred frequencies for pure tone measurements and constant percent bandwidth filter center frequencies are described.

Single copy price: \$90.00

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

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

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

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

BSR/ASABE AD8759-2-1998 MONYEAR-201x, Agricultural wheeled tractors - Front-mounted equipment - Part 2: Stationary equipment connection (identical national adoption of ISO 8759-2:1998 and revision of ANSI/ASABE AD8759-2:1998 DEC2010 (R2016))

This part of ISO 8759 specifies dimensions and requirements of the stationary equipment connection for agricultural wheeled tractors that are equipped with front-mounted power take-off but do not have front three-point linkage.

Single copy price: \$58.00

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

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

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

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

BSR X9.100-140-201x, Specifications for an Image Replacement Document (IRD) (revision of ANSI X9.100-140-2013)

This standard provides the financial industry with a specification for an Image Replacement Document (IRD) that provides for a machine-readable substitute document created from the image that is made from the front and back of the original check.

Single copy price: \$100.00

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

Order from: Ambria Frazier, (410) 267-7707, [Ambria.frazier@x9.org](mailto:Ambria.frazier@x9.org)

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

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

### Revision

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

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

Single copy price: \$100.00

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

Order from: Ambria Frazier, (410) 267-7707, [Ambria.frazier@x9.org](mailto:Ambria.frazier@x9.org)

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

## ASCE (American Society of Civil Engineers)

### New Standard

BSR/ASCE/EWRI 42-201x, Standard Practice for the Design, Conduct, and Evaluation of Operational Precipitation Enhancement Projects (new standard)

This document, Standard Practice for the Design, Conduct, and Evaluation of Operational Precipitation Enhancement Projects, is intended to provide water resources managers and others with the standard approach for designing, operating, and evaluating precipitation enhancement projects.

Single copy price: Free

Obtain an electronic copy from: [jneckel@asce.org](mailto:jneckel@asce.org)

Order from: James Neckel, 703-295-6176, [jneckel@asce.org](mailto:jneckel@asce.org)

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

## ASTM (ASTM International)

### Revision

BSR/ASTM E2688-201x, Practice for Specimen Preparation and Mounting of Tapes to Assess Surface Burning Characteristics (revision of ANSI/ASTM E2688-2010)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: Free

Obtain an electronic copy from: [cleonard@astm.org](mailto:cleonard@astm.org)

Order from: [accreditation@astm.org](mailto:accreditation@astm.org)

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

## GTESS (Georgia Tech Energy & Sustainability Services)

### Revision

BSR/MSE 50028-201x, Superior Energy Performance - Requirements for verification bodies for use in accreditation or other forms of recognition (revision of ANSI/MSE 50028-2012)

In response to changes reflected in ISO/IEC 17021-1:2015, this revision to ANSI/MSE 50028 makes substantive changes to technical areas, audit program, and other sections. The Standard provides updated requirements for competence, consistency, and impartiality of the audit and certification of energy management systems and Superior Energy Performance. The Standard also addresses multi-site audits for the EnMS.

Single copy price: N/A

Obtain an electronic copy from: [Moon.Kim@gtri.gatech.edu](mailto:Moon.Kim@gtri.gatech.edu)

Order from: Moon Kim, (404) 407-6404, [Moon.Kim@gtri.gatech.edu](mailto:Moon.Kim@gtri.gatech.edu)

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

## HL7 (Health Level Seven)

### Reaffirmation

BSR/HL7 CMS V1.6-2011 (R201x), HL7 Context Management Specification, Version 1.6 (reaffirmation of ANSI/HL7 CMS V1.6-2011)

This was a reaffirmation ballot of the Version 1.6 release, which extended the standard to include language on the use of SAML Assertions for authenticating users into the CCOW context and for the subsequent re-use of saved SAML Assertions by authorized context participants.

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

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

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

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

## HL7 (Health Level Seven)

### Reaffirmation

BSR/HL7 V3 REG RTLTM, R1-2011 (R201x), HL7 Version 3 Standard: Real-Time Location Tracking, Release 1 (reaffirmation of ANSI/HL7 V3 REG RTLTM, R1-2011)

This is a reaffirmation of release 1. A Real-Time Location System (RLTS) tracks the location of tags associated with patients, providers and equipment within a healthcare facility. This document defines storyboards, trigger events, information models and interactions for exchanging information between RLTS and administrative systems that require real-time location information.

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

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

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

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

## ISA (ASC Z133) (International Society of Arboriculture)

### Revision

BSR Z133-201x, Standard for Arboricultural Operations - Safety Requirements (revision of ANSI Z133-2012)

This standard contains arboriculture safety requirements for pruning, repairing, maintaining, and removing trees and for using equipment in such operations.

Single copy price: Free

Obtain an electronic copy from: [http://www.isa-arbor.com/resources/2012\\_ANSI\\_Z133\\_Standard\\_Second\\_Public\\_Review.pdf](http://www.isa-arbor.com/resources/2012_ANSI_Z133_Standard_Second_Public_Review.pdf)

Order from: Tricia Duzan, (217) 531-2836, [tduzan@isa-arbor.com](mailto:tduzan@isa-arbor.com)

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

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

### Revision

BSR C78.41-201X, Electric lamps: Guidelines for Low Pressure Sodium Lamps (revision of ANSI C78.41-2006 (R2010))

This standard describes the physical and electrical requirements of the principal types of single-ended low-pressure sodium lamps. The electrical data provides the specific basis for ballast requirements.

Single copy price: \$115.00

Obtain an electronic copy from: [michael.erbesfeld@nema.org](mailto:michael.erbesfeld@nema.org)

Order from: Michael Erbesfeld, 703-841-3262, [Michael.Erbesfeld@nema.org](mailto:Michael.Erbesfeld@nema.org)

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

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

BSR C78.50-201X, Standard for Electric Lamps - Assigned LED Lamp Codes (revision of ANSI C78.50-2014)

This standard provides physical and electrical characteristics of the group of integrally ballasted Solid State Lighting (SSL) lamps that have standardized characteristics. Lamps with clear, frosted, opaque, and lens end windows and with various reflector and/or emitting coatings are covered. Lamps covered in this standard contain LED-based light sources.

Single copy price: \$71.00

Obtain an electronic copy from: michael.erbesfeld@nema.org

Order from: Michael Erbesfeld, 703-841-3262, Michael.Erbesfeld@nema.org

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

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

BSR C78.1501-201X, Electric Lamps - Tungsten-Halogen Lamps with G22 Bases and 63.5 mm LCL (revision of ANSI C78.1501-2001 (R2006))

This scope defines the dimensional limits and other physical characteristics required to ensure interchangeability and assist in the proper application of a specific category of tungsten-halogen lamps with G22 bases and 63.5-mm nominal light center length.

Single copy price: \$95.00

Obtain an electronic copy from: michael.erbesfeld@nema.org

Order from: Michael Erbesfeld, 703-841-3262, Michael.Erbesfeld@nema.org

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

**NEMA (ASC C82) (National Electrical Manufacturers Association)****Revision**

BSR C82.5-201X, Reference Ballasts - High-Intensity-Discharge and Low-Pressure Sodium Lamps (revision and redesignation of ANSI ANSLG C82.5-2010 (R2010))

This standard describes the essential features and operating characteristics of reference ballasts for high-intensity discharge and low-pressure sodium lamps to operate on 60-Hz sinusoidal ballast systems. The items specified are those that have been found necessary to ensure accurate and reproducible results when either lamps or ballasts are being tested. The specific values of rated input voltage and impedance needed for each size of lamp are listed in the appropriate American National Standards for high-intensity-discharge and low-pressure sodium lamps, ANSI C78.1300 series (ANSI C78.40-1992, Specifications for Mercury Lamps; ANSI C78.41-2006, Guidelines for Low-Pressure Sodium Lamps; ANSI C78.42-2007, High-Pressure Sodium Lamps; ANSI C78.43-2007, Single-Ended Metal Halide Lamps; and ANSI C78.44-2006, Double-Ended Metal Halide Lamps).

Single copy price: \$125.00

Obtain an electronic copy from: michael.erbesfeld@nema.org

Order from: Michael Erbesfeld, 703-841-3262, Michael.Erbesfeld@nema.org

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

**NEMA (ASC C82) (National Electrical Manufacturers Association)****Revision**

BSR C82.14-201X, Lamp Ballasts: Low-Frequency Square Wave Electronic Ballasts for Metal Halide Lamps (revision of ANSI C82.14-2006 (R2010))

This standard provides specifications for and operating characteristics of low-frequency square-wave electronic ballasts for metal halide lamps. Electronic ballasts are devices that use semiconductors to control-lamp starting and operation. The ballasts operate from multiple supply sources of 600V maximum at a frequency of 60 hertz. The output frequency of electronic ballasts may be of some frequency other than 60 hertz. This standard only covers lamp operating-current frequencies from greater than 60 hertz up to 400 hertz (some exclusionary frequency ranges may apply). An electronic square-wave ballast is defined as an electronic ballast whose operating lamp current waveform is essentially a square wave with defined rise/fall times stated in the C78.43 lamp standards.

Single copy price: \$55.00

Obtain an electronic copy from: michael.erbesfeld@nema.org

Order from: Michael Erbesfeld, 703-841-3262, Michael.Erbesfeld@nema.org

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

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

BSR/NSF 14-201x (i79r1), Plastics piping system components and related materials (revision of ANSI/NSF 14-2014)

This Standard establishes minimum physical, performance, and health effects requirements for plastic piping system components and related materials. These criteria were established for the protection of public health and the environment.

Single copy price: Free

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

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

**OPEI (Outdoor Power Equipment Institute)****New Standard**

BSR/OPEI B71.7-201x, Powered Consumer Ram-Type Log Splitters - Safety Specifications (new standard)

The safety specifications given in this standard are for powered consumer (a) hydraulic-ram log splitters, (b) mechanical-ram log splitters. Power may be supplied by an internal-combustion engine or an electric motor. These specifications are intended to provide safety requirements and to help ensure uniform operator environments. They are intended to apply to products specifically intended as consumer products for the personal use of a consumer around the home.

Single copy price: \$180.00

Obtain an electronic copy from: dmustico@opei.org

Order from: Daniel Mustico, (703) 549-7600, dmustico@opei.org

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

**RESNET (Residential Energy Services Network, Inc.)****New Standard**

BSR/RESNET 1201-201x PDS-01, Standard Method of Test for the Evaluation of Building Energy Analysis Model Calibration Methods (new standard)

This standard test procedure applies to calibration methods used with computer programs that predict the energy performance of buildings.

Single copy price: \$55.00

Obtain an electronic copy from: Electronic copy can be downloaded from the RESNET website at <http://www.resnet.us/professional/standards/consensus>

Order from: Rick Dixon, Standards Manager, RESNET, P.O. Box 4561, Oceanside, CA 92052

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

**TIA (Telecommunications Industry Association)****Addenda**

BSR/TIA 102.AABC-D-1-201x, Trunking Control Channel Messages - Addendum 1 (addenda to ANSI/TIA 102.AABC-D-2015)

This addendum adds enhancements to the Emergency Alert Request message to indicate an emergency generated internally or externally to the subscriber unit.

Single copy price: \$61.00

Obtain an electronic copy from: [standards@tiaonline.org](mailto:standards@tiaonline.org)

Order from: TIA, [standards@tiaonline.org](mailto:standards@tiaonline.org)

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

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

BSR/UL 110-201x, Standard for Sustainability for Mobile Phones (new standard)

This proposed first edition of the Standard for Sustainability for Mobile Phones establishes sustainability criteria for mobile phones, covering the mobile phone, accessories shipped in the box with the mobile phone, and packaging. It applies to products that are or will be available for purchase at the time of certification. The criteria were developed based on the life cycle stages of mobile phones and corporate environmental performance factors. These factors are: materials; energy efficiency of external power supply; health and environment impacts; end of life management; packaging; corporate practices; and manufacturing and operations.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

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

BSR/UL 697-2012 (R201x), Standard for Safety for Toy Transformers (reaffirmation of ANSI/UL 697-2012)

UL proposes to reaffirm the ANSI approval of UL 697.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

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

BSR/UL 1090-201x, Standard for Safety for Electric Snow Blowers (revision of ANSI/UL 1090-2012)

(1) Replace battery operated requirements in UL 1090 with General Requirements for Battery-Powered Appliances, UL 2595.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Beth Northcott, (847) 664-3198, [Elizabeth.Northcott@ul.com](mailto:Elizabeth.Northcott@ul.com)

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

BSR/UL 1261-201x, Standard for Safety for Electric Water Heaters for Pools and Tubs (revision of ANSI/UL 1261-2014)

(1) Proposal to add requirements for electronic circuits. (2) Proposal to allow the use of Standard UL 840 to evaluate clearance and creepage distances. (3) Proposal to update requirements for switches.

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

Order from: comm2000

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Megan Monsen, (847) 664-1292, [megan.monsen@ul.com](mailto:megan.monsen@ul.com)

**Comment Deadline: August 23, 2016****ASME (American Society of Mechanical Engineers)****Reaffirmation**

BSR/ASME MFC-4M-1986 (R201x), Measurement of Gas Flow by Turbine Meters (reaffirmation of ANSI/ASME MFC-4M-1986 (R2008))

This Standard applies to:

- (1) Axial full-flow turbine meters with mechanical and/or electrical outputs whose rotating member is driven by a compressible fluid; and
- (2) The measurement of gas by a turbine meter; the meter's construction, installation, operation, performance characteristics, data computation and presentation, calibration, field checking, and other related considerations of the meter.

Single copy price: \$29.00

For Reaffirmations and Withdrawn standards, please view our catalog at <http://www.asme.org/kb/standards>

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Ryan Crane, (212) 591-7004, [craner@asme.org](mailto:craner@asme.org)

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

BSR/ASME A112.19.19-201x, Vitreous China Nonwater Urinals (revision of ANSI/ASME A112.19.19-2006 (R2011))

This Standard establishes requirements and test methods pertaining to materials, significant dimensions, and functional performance for vitreous china nonwater urinals, including those with an optional drain-cleansing feature as defined in this standard. The sanitary performance requirements and test procedures apply to all types of nonwater urinals that discharge into gravity waste systems in permanent buildings and structures independent of occupancy.

Single copy price: Free

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

Send comments (with copy to psa@ansi.org) to: Angel Guzman, (212) 591-8018, guzman@asme.org

**Technical Reports Registered with ANSI**

Technical Reports Registered with ANSI are not consensus documents. Rather, all material contained in Technical Reports Registered with ANSI is informational in nature. Technical reports may include, for example, reports of technical research, tutorials, factual data obtained from a survey carried out among standards developers and/or national bodies, or information on the "state of the art" in relation to standards of national or international bodies on a particular subject.

Immediately following the end of a 30-day announcement period in Standards Action, the Technical Report will be registered by ANSI. Please submit any comments regarding this registration to the organization indicated, with a copy to the PSA Center, American National Standards Institute, 25 West 43rd Street, New York, NY 10036 or E-Mail to psa@ansi.org.

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

BSR/AAMI/IEC TIR62366-2-2016, Medical devices - Part 2: Guidance on the application of usability engineering to medical devices (TECHNICAL REPORT) (technical report)

Contains background information and provides guidance that addresses specific areas that experience suggests can be helpful for those implementing a usability engineering (human factors engineering) process, both as defined in IEC 62366-1:2015 and as supporting goals other than safety. This technical report is not intended to be used for regulatory purposes. It contains no requirements and only provides guidance and tutorial information.

Single copy price: \$243.00 (list price)/\$146.00 (AAMI member price)

Order from: AAMI Webstore, www.aami.org

Send comments (with copy to psa@ansi.org) to: Jennifer Moyer, (703) 253-8274, jmoyer@aami.org

**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:

**AHRI (Air-Conditioning, Heating, and Refrigeration Institute)**

ANSI/AHRI Standard 390-2003, Performance Rating of Single Package Vertical Air-Conditioners and Heat Pumps (formerly ANSI/ARI 390-2003) (new standard)

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

BSR/ASME MFC-5.2-201x, Measurement of Liquid Flow in Closed Conduits Using Cross-Correlation Ultrasonic Flowmeters (new standard)

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

BSR/ASME PTC 4.5-201x, Fired Steam Generators with Carbon Capture (new standard)

**Notice of Withdrawn ANS by an ANSI-Accredited Standards Developer**

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

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

ANSI/ASME B18.6.1-1981 (R2016), Wood Screws - Inch

Questions may be directed to: Mayra Santiago, (212) 591-8521, ansibox@asme.org

# Call for Members (ANS Consensus Bodies)

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

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

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

**Contact:** *Jennifer Moyer*

**Phone:** (703) 253-8274

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

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

ANSI/AAMI ID26-2004 (R2013), Medical electrical equipment - Part 2:  
Particular requirements for the safety of infusion pumps and  
controllers (withdrawal of ANSI/AAMI ID26-2004 (R2013))

Obtain an electronic copy from: [jmoyer@aami.org](mailto:jmoyer@aami.org)

BSR/AAMI ST72-201x, Bacterial endotoxin - Test methods, routine  
monitoring and alternatives to batch testing (revision of ANSI/AAMI  
ST72-2011 (R2016))

BSR/AAMI/ISO 17664-201x, Sterilization of health care products -  
Information to be provided by the device manufacturer for the  
processing of medical devices (identical national adoption of ISO  
17664 (in development))

Obtain an electronic copy from: [jmoyer@aami.org](mailto:jmoyer@aami.org)

## **AHRI (Air-Conditioning, Heating, and Refrigeration Institute)**

**Office:** 2111 Wilson Boulevard  
Suite 500  
Arlington, VA 22201

**Contact:** *Daniel Abbate*

**Phone:** (703) 600-0327

**Fax:** (703) 562-1942

**E-mail:** [dabbate@ahrinet.org](mailto:dabbate@ahrinet.org)

BSR/AHRI Standard 910 (I-P)-201x, Performance Rating of Indoor Pool  
Dehumidifiers (new standard)

Obtain an electronic copy from: [dabbate@ahrinet.org](mailto:dabbate@ahrinet.org)

## **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](mailto:asastds@acousticalsociety.org)

BSR ASA S1.6-201x, Preferred Frequencies and Filter Band Center  
Frequencies for Acoustical Measurements (revision of ANSI ASA S1.6  
-1984 (R2011))

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

## **OPEI (Outdoor Power Equipment Institute)**

**Office:** 341 South Patrick Street  
Alexandria, VA 22314

**Contact:** *Daniel Mustico*

**Phone:** (703) 549-7600

**Fax:** (703) 549-7604

**E-mail:** [dmustico@opei.org](mailto:dmustico@opei.org)

BSR/OPEI B71.7-201x, Powered Consumer Ram-Type Log Splitters -  
Safety Specifications (new standard)

Obtain an electronic copy from: [dmustico@opei.org](mailto:dmustico@opei.org)

## **SI (Simon Institute)**

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

**Contact:** *Alan Bigger*

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

**E-mail:** [alan@simoninstitute.org](mailto:alan@simoninstitute.org)

BSR/SI 003-201x, Janitorial storage, utility and work areas (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](mailto:standards@tappi.org)

BSR/TAPPI T 536 om-201x, Resistance of paper to passage of air  
(high-pressure Gurley method) (new standard)

Obtain an electronic copy from: [standards@tappi.org](mailto:standards@tappi.org)

BSR/TAPPI T 547 om-201x, Air permence of paper and paperboard  
(Sheffield method) (revision of ANSI/TAPPI T 547 om-2012)

BSR/TAPPI T 1210 sp-201x, Units of measurement and conversion  
factors (new standard)

**TIA (Telecommunications Industry Association)**

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

**Contact:** *Teesha Jenkins*

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

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

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

BSR/TIA 102.AABC-D-1-201x, Trunking Control Channel Messages  
Addendum 1 (addenda to ANSI/TIA 102.AABC-D-2015)

Obtain an electronic copy from: standards@tiaonline.org

BSR/TIA 4953-B-201x, Telecommunications - Communications  
Products - Amplified Telephone Measurement Procedures and  
Performance Requirements (revision and redesignation of ANSI/TIA  
4953-A-2015)

## **Call for Members (ANS Consensus Bodies)**

### **ANSI Accredited Standards Developer**

### **Alliance for Telecommunications Industry Solutions (ATIS)**

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, cybersecurity, 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 reliability, and network administration. 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](http://www.atis.org) or by e-mail from [membership@atis.org](mailto:membership@atis.org).

## **Call for Members (ANS Consensus Bodies)**

### **Call for Committee Members**

#### **ASC O1**

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

- General Interest
- Government
- Producer
- User

If you are interested in joining the ASC O1, contact WMMA Associate Director Jennifer Miller at [jennifer@wmma.org](mailto:jennifer@wmma.org).

# Final Actions on American National Standards

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

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

### **Reaffirmation**

ANSI/AAMI ST72-2011 (R2016), Bacterial endotoxin - Test methods, routine monitoring and alternatives to batch testing (reaffirmation of ANSI/AAMI ST72-2011): 6/9/2016

### **Revision**

ANSI/AAMI/ISO 13485 (Ed.3)-2016, Medical devices - Quality management systems - Requirements for regulatory purposes (revision of ANSI/AAMI/ISO 13485-2003 (R2013)): 6/8/2016

## **AGA (ASC Z380) (American Gas Association)**

### **Addenda**

ANSI/GPTC Z380.1-2015 Edition, Addendum No. 4, Guide for Gas Transmission, Distribution, and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2015 Edition): 6/9/2016

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

### **New Standard**

ANSI/ASABE S629-2016, Framework to Evaluate the Sustainability of Agricultural Production Systems (new standard): 6/10/2016

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

### **Reaffirmation**

ANSI/ASHRAE Standard 20-1997 (R2016), Methods of Testing for Rating Remote Mechanical-Draft Air-Cooled Refrigerant Condensers (reaffirmation of ANSI/ASHRAE Standard 20-1997 (R2006)): 6/1/2016

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

### **Reaffirmation**

ANSI/ASME B1.7-2006 (R2016), Nomenclature, Definitions, and Letter Symbols for Screw Threads (reaffirmation of ANSI/ASME B1.7-2006 (R2011)): 6/9/2016

ANSI/ASME B1.8-1988 (R2016), Stub Acme Screw Threads (reaffirmation of ANSI/ASME B1.8-1988 (R2011)): 6/9/2016

ANSI/ASME B1.11-1958 (R2016), Microscopic Objective Thread (reaffirmation of ANSI/ASME B1.11-1958 (R2011)): 6/9/2016

## **ASQ (American Society for Quality)**

### **Reaffirmation**

ANSI/ASQ Z1.11-2011 (R2016), Quality management system standards - Requirements for education organizations (reaffirmation of ANSI/ASQ Z1.11-2011): 6/9/2016

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

### **Revision**

ANSI/AWWA B302-2016, Ammonium Sulfate (revision of ANSI/AWWA B302-2010): 6/9/2016

## **FCI (Fluid Controls Institute)**

### **Revision**

ANSI/FCI 79-1-2016, Standards for Proof of Pressure Rating of Pressure Regulators and Temperature Regulators (revision of ANSI/FCI 79-1-2009): 6/9/2016

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

### **Reaffirmation**

ANSI/HL7 V3 GELLO, R2-2010 (R2016), HL7 Version 3 Standard: GELLO, A Common Expression Language, Release 2 (reaffirmation of ANSI/HL7 V3 GELLO, R2-2010): 6/9/2016

### **Revision**

ANSI/HL7 V3 CPM CMET, R3-2016, HL7 Version 3 Standard: Common Product Model CMETs, Release 3 (revision of ANSI/HL7 V3 CPM CMET, R2-2015): 6/8/2016

## **MHI (ASC MHC) (Material Handling Industry)**

### **Revision**

ANSI MH10.8.2-2016, Data Identifier and Application Identifier Standard (revision of ANSI MH10.8.2-2010): 6/10/2016

## **NEMA (ASC C84) (National Electrical Manufacturers Association)**

### **Revision**

ANSI C84.1-2016, Standard for Electric Power Systems and Equipment - Voltage Ratings (60 Hertz) (revision of ANSI C84.1-2011): 6/9/2016

## **NSF (NSF International)**

### **Revision**

- \* ANSI/NSF 2-2016 (i23r2), Food Equipment (revision of ANSI/NSF 2-2012): 6/3/2016
- \* ANSI/NSF 18-2016 (i14r1), Manual Food and Beverage Dispensing Equipment (revision of ANSI/NSF 18-2012): 6/8/2016
- \* ANSI/NSF 401-2016 (i3r1), Drinking water treatment units - Emerging compounds/incidental contaminants (revision of ANSI/NSF 401-2014): 6/8/2016

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

### **New Standard**

- \* ANSI/RESNA CA-1-2016, RESNA Standard for Cognitive Accessibility - Volume 1: Universal Criteria for Reporting the Cognitive Accessibility of Products and Technologies (new standard): 6/10/2016

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

### **Reaffirmation**

ANSI/UL 122701-2011 (R2016), Standard for Safety for Requirements for Process Sealing between Electrical Systems and Flammable or Combustible Process Fluids (Proposal dated 03-11-16) (reaffirmation and redesignation of ANSI/ISA 12.27.01-2011): 6/6/2016

**Revision**

ANSI/UL 10C-2016, Standard for Safety for Positive Pressure Fire Tests of Door Assemblies (revision of ANSI/UL 10C-2015): 6/9/2016

ANSI/UL 10C-2016a, Standard for Safety for Positive Pressure Fire Tests of Door Assemblies (revision of ANSI/UL 10C-2015): 6/9/2016

ANSI/UL 67-2016, Standard for Safety for Panelboards (proposal dated 04-22-16) (revision of ANSI/UL 67-2015): 6/10/2016

# Project Initiation Notification System (PINS)

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

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

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

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

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

**Contact:** *Jennifer Moyer*

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

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

BSR/AAMI ST72-201x, Bacterial endotoxin - Test methods, routine monitoring and alternatives to batch testing (revision of ANSI/AAMI ST72-2011 (R2016))

Stakeholders: Manufacturers, regulators, test labs.

Project Need: Provides the requirements and guidance for testing for bacterial endotoxins.

Specifies general criteria to be applied in the determination of bacterial endotoxins (pyrogens) on sterilized or sterilizable healthcare products, components or raw materials. Endotoxin methodologies covered include both qualitative (limit) methods and quantitative (end-point) methods. Excludes determination of pyrogens other than bacterial endotoxins.

## **AHRI (Air-Conditioning, Heating, and Refrigeration Institute)**

**Office:** 2111 Wilson Boulevard  
Suite 500  
Arlington, VA 22201

**Contact:** *Daniel Abbate*

**Fax:** (703) 562-1942

**E-mail:** [dabbate@ahrinet.org](mailto:dabbate@ahrinet.org)

BSR/AHRI Standard 390 (I-P)-201x, Performance Rating of Single Package Vertical Air-Conditioners and Heat Pumps (new standard)

Stakeholders: This standard is intended for the guidance of the industry, including manufacturers, engineers, installers, contractors, and users.

Project Need: The purpose of this standard is to establish for single-package vertical air-conditioners and heat pumps: Definitions; classifications; test requirements; rating requirements; minimum data requirements for published ratings; operating requirements; marking and nameplate data; and conformance conditions.

This standard applies to factory-assembled, commercial or industrial single-package vertical air-conditioner and heat-pump equipment, as defined in Section 3 of the standard.

BSR/AHRI Standard 391 (SI)-201x, Performance Rating of Single Package Vertical Air-Conditioners and Heat Pumps (new standard)

Stakeholders: This standard is intended for the guidance of the industry, including manufacturers, engineers, installers, contractors, and users.

Project Need: The purpose of this standard is to establish for single-package vertical air-conditioners and heat pumps: Definitions; classifications; test requirements; rating requirements; minimum data requirements for published ratings; operating requirements; marking and nameplate data; and conformance conditions.

This standard applies to factory-assembled, commercial or industrial single-package vertical air-conditioner and heat-pump equipment, as defined in Section 3 of the standard.

BSR/AHRI Standard 750 (I-P)-201x, Performance Rating of Thermostatic Refrigerant Expansion Valves (revision and redesignation of ANSI/AHRI Standard 750-2007)

Stakeholders: This standard is intended for the guidance of the industry, including manufacturers, engineers, installers, contractors, and users.

Project Need: The purpose of this standard is to establish for thermostatic refrigerant expansion valves: definitions, test requirements, rating requirements, minimum data requirements for published ratings, marking and nameplate data, and conformance conditions.

This standard applies to thermostatic refrigerant expansion valves for use with refrigerants listed in Section 2.1.1 at evaporator temperatures between 50°F and -40°F.

BSR/AHRI Standard 751 (SI)-201x, Performance Rating of Thermostatic Refrigerant Expansion Valves (new standard)

Stakeholders: This standard is intended for the guidance of the industry, including manufacturers, engineers, installers, contractors, and users.

Project Need: The purpose of this standard is to establish for thermostatic refrigerant expansion valves: definitions, test requirements, rating requirements, minimum data requirements for published ratings, marking and nameplate data, and conformance conditions.

This standard applies to thermostatic refrigerant expansion valves for use with refrigerants listed in Section 2.1.1 at evaporator temperatures between 50°F and -40°F.

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

**Office:** 140 Philips Road  
Exton, PA 19341-1318

**Contact:** *Rebecca Yaletchko*

**Fax:** (610) 363-5898

**E-mail:** ryaletchko@scte.org

BSR/SCTE 186-201x, Product Environmental Requirements for Cable Telecommunications Facilities (revision of ANSI/SCTE 186-2012)

Stakeholders: Cable Telecommunications industry.

Project Need: Update to current technology.

The specification purpose is to define product environmental and sustainability requirements (1) by referencing existing international standards, (2) by using requirements from cable operator specifications, and (3) by adding cable-system-specific requirements as needed. It is not the intent of this document to replace existing standards or cable operator requirements.

BSR/SCTE 211-201x, Energy Metrics for Cable Operator Access Networks (revision of ANSI/SCTE 211-2015)

Stakeholders: Cable Telecommunications industry.

Project Need: Update to current technology.

This document contains metrics for measuring the energy efficiency of access networks (ANs) that are utilized to transport information between a service provider and a plurality of users. For the purposes of this document, the AN includes all active and passive equipment between the headend or hub, referred in this standard as the "hub," and the demarcation point at the user premises. This document does not include any equipment inside the hub, nor does it include any customer premises equipment (CPE).

**SI (Simon Institute)**

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

**Contact:** *Alan Bigger*

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

BSR/SI 003-201x, Janitorial storage, utility and work areas (new standard)

Stakeholders: Janitors, custodians, housekeepers, facilities managers, architects, building owners, safety organizations, abled and disabled workers in the service sectors.

Project Need: Janitors, custodians, and housekeepers have requirements for storage, utility, and work areas in order to perform their work. In many cases, these workers are assigned these areas in boiler rooms, pipe chases, and any left-over areas that they can be assigned. This is done without consideration of their safety and places them at risk from chemical storage issues, indoor quality issues and injuries. There needs to be standards for areas assigned to these workers.

Storage, utility, and work areas assigned to custodians, housekeepers, and janitors are critical in providing a safe working environment, minimizing injuries, assisting in efficient operations and increasing morale of service workers. This standard would address the areas of central storage facilities, janitorial equipment storage, utility closets, and janitorial closets.

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

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

**Contact:** *Laurence Womack*

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

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

BSR/TAPPI T 536 om-201x, Resistance of paper to passage of air (high-pressure Gurley method) (new standard)

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 standard in order to revise it if needed to address new technology or correct errors.

This method is used to measure the air resistance of approximately 6.4 sq. cm. (1 sq. in.) circular area of paper using a pressure differential of approximately 3 kPa. The recommended range of this instrument is for papers that require 10 or more seconds for 10 mL of air to pass through. Refer to the manufacturer's instructions for the upper range limits. For more permeable papers, other techniques are preferable. Instruments are available with automatic timing devices.

BSR/TAPPI T 547 om-201x, Air permance of paper and paperboard (Sheffield method) (revision of ANSI/TAPPI T 547 om-2012)

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

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

This method is used to measure the air permance of a circular area of paper using a pressure differential of approximately 10 kPa (1.5 psig). In order to accommodate a wide range of paper products, rubber clamping plates are available for five commonly used orifice diameters: 9.5 mm (0.375 in.), 19.1 mm (0.75 in.), 38.1 mm (1.50 in.), 57.2 mm (2.25 in.), and 76.2 mm (3.00 in.). The air flow range for this method is 0 to 3348 mL/min (0 to 400 Sheffield units). Instruments are available with either variable area flowmeters (glass tubes with internal tapers and floats) or electronic mass flowmeters.

BSR/TAPPI T 1210 sp-201x, Units of measurement and conversion factors (new standard)

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 standard in order to revise it if needed to address new technology or correct errors.

This Standard Practice deals with the application of the International System of units (abbreviated "SI" or "SI metric units") within the field of pulp, paper, and paperboard. TAPPI regulations require the use of the SI units as the preferred units in TAPPI Test Methods and other TAPPI publications.

**TIA (Telecommunications Industry Association)**

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

**Contact:** *Teesha Jenkins*

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

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

BSR/TIA 4953-B-201x, Telecommunications - Communications Products - Amplified Telephone Measurement Procedures and Performance Requirements (revision and redesignation of ANSI/TIA 4953-A-2015)

Stakeholders: Manufacturers, users, and distributors of amplified telephones.

Project Need: Provide updates for an existing standard.

Revise the moderate and severe hearing loss categories.

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

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

**Contact:** *Megan Van Heirseele*

**Fax:** (847) 664-2881

**E-mail:** Megan.M.VanHeirseele@ul.com

\* BSR/UL 60086-4-201X, Primary Batteries - Part 4: Safety of Lithium Batteries (national adoption with modifications of IEC 60086-4)

Stakeholders: Manufacturers of primary lithium cells and batteries, manufacturers of end products using primary lithium cells and batteries, AHJs, consumer organizations.

Project Need: To obtain national recognition of an IEC-based standard covering primary batteries.

This part of IEC 60086 specifies tests and requirements for primary lithium batteries to ensure their safe operation under intended use and reasonably foreseeable misuse.

NOTE: Primary lithium batteries that are standardized in IEC 60086-2 are expected to meet all applicable requirements in this standard. It is understood that consideration of this part of IEC 60086 might also be given to measuring and/or ensuring the safety of non-standardized primary lithium batteries. In either case, no claim or warranty is made that compliance or non-compliance with this standard will fulfill or not fulfill any of the user's particular purposes or needs.

\* BSR/UL 62133-201X, Secondary Cells and Batteries Containing Alkaline or Other Non-Acid Electrolytes - Safety Requirements for Portable Sealed Secondary Cells, and for Batteries Made from Them, for Use in Portable Applications (national adoption with modifications of IEC 62133)

Stakeholders: Manufacturers of portable secondary cells and batteries, manufacturers of end products using portable secondary cells and batteries, AHJs, consumer organizations.

Project Need: To obtain national recognition of an IEC-based standard covering portable secondary cells and batteries.

This International Standard specifies requirements and tests for the safe operation of portable sealed secondary cells and batteries (other than button) containing alkaline or other non-acid electrolyte, under intended use and reasonably foreseeable misuse.

# American National Standards Maintained Under Continuous Maintenance

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

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

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

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

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

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

## ANSI-Accredited Standards Developers Contact Information

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

<p><b>AAMI</b> Association for the Advancement of Medical Instrumentation 4301 N Fairfax Drive Suite 301 Arlington, VA 22203-1633 Phone: (703) 253-8274 Fax: (703) 276-0793 Web: <a href="http://www.aami.org">www.aami.org</a></p>	<p><b>ASC X9</b> Accredited Standards Committee X9, Incorporated 275 West Street Suite 107 Annapolis, MD 21401 Phone: (410) 267-7707 Web: <a href="http://www.x9.org">www.x9.org</a></p>	<p><b>FCI</b> Fluid Controls Institute 1300 Sumner Avenue Cleveland, OH 44115 Phone: (216) 241-7333 Fax: (216) 241-0105 Web: <a href="http://www.fluidcontrolsinstitute.org">www.fluidcontrolsinstitute.org</a></p>	<p><b>NEMA (ASC C82)</b> National Electrical Manufacturers Association 1300 N 17th St Rosslyn, VA 22209 Phone: 703-841-3262 Fax: 703-841-3362 Web: <a href="http://www.nema.org">www.nema.org</a></p>
<p><b>ABYC</b> American Boat and Yacht Council 613 Third Street Suite 10 Annapolis, MD 21403 Phone: (410) 990-4460 Fax: (410) 990-4466 Web: <a href="http://www.abycinc.org">www.abycinc.org</a></p>	<p><b>ASCE</b> American Society of Civil Engineers 1801 Alexander Bell Dr Reston, VA 20191 Phone: 703-295-6176 Web: <a href="http://www.asce.org">www.asce.org</a></p>	<p><b>GTESS</b> Georgia Tech Energy &amp; Sustainability Services 75 Fifth Street N.W Suite 300 Atlanta, GA 30308 Phone: (404) 407-6404 Fax: (404) 894-8194 Web: <a href="http://www.innovate.gatech.edu">www.innovate.gatech.edu</a></p>	<p><b>NSF</b> NSF International 789 N. Dixboro Road Ann Arbor, MI 48105-9723 Phone: (734) 769-5197 Web: <a href="http://www.nsf.org">www.nsf.org</a></p>
<p><b>AGA (ASC Z380)</b> American Gas Association 400 North Capitol Street, NW Washington, DC 20001 Phone: (202) 824-7183 Web: <a href="http://www.aga.org">www.aga.org</a></p>	<p><b>ASHRAE</b> American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. 1791 Tullie Circle NE Atlanta, GA 30329 Phone: (678) 539-1111 Fax: (678) 539-1111 Web: <a href="http://www.ashrae.org">www.ashrae.org</a></p>	<p><b>HL7</b> Health Level Seven 3300 Washtenaw Avenue Suite 227 Ann Arbor, MI 48104 Phone: (734) 677-7777 Fax: (734) 677-6622 Web: <a href="http://www.hl7.org">www.hl7.org</a></p>	<p><b>OPEI</b> Outdoor Power Equipment Institute 341 South Patrick Street Alexandria, VA 22314 Phone: (703) 549-7600 Fax: (703) 549-7604 Web: <a href="http://www.opei.org">www.opei.org</a></p>
<p><b>AHRI</b> Air-Conditioning, Heating, and Refrigeration Institute 2111 Wilson Boulevard Suite 500 Arlington, VA 22201 Phone: (703) 600-0327 Fax: (703) 562-1942 Web: <a href="http://www.ahrinet.org">www.ahrinet.org</a></p>	<p><b>ASME</b> American Society of Mechanical Engineers Two Park Avenue New York, NY 10016 Phone: (212) 591-8521 Fax: (212) 591-8501 Web: <a href="http://www.asme.org">www.asme.org</a></p>	<p><b>ISA (ASC Z133)</b> International Society of Arboriculture P.O. Box 3129 Champaign, IL 61826-3129 Phone: (217) 531-2836 Fax: (217) 355-9516 Web: <a href="http://www.isa-arbor.com">www.isa-arbor.com</a></p>	<p><b>RESNA</b> Rehabilitation Engineering and Assistive Technology Society of North America 1700 N. Moore Street Suite 1540 Arlington, VA 22209-1903 Phone: (703) 524-6686 Fax: (703) 524-6630 Web: <a href="http://www.resna.org">www.resna.org</a></p>
<p><b>APA</b> APA - The Engineered Wood Association 7011 South 19th Street Tacoma, WA 98466 Phone: (253) 620-7467 Fax: (253) 565-7265 Web: <a href="http://www.apawood.org">www.apawood.org</a></p>	<p><b>ASQ</b> American Society for Quality 600 N Plankinton Ave Milwaukee, WI 53203 Phone: (800) 248-1946 Web: <a href="http://www.asq.org">www.asq.org</a></p>	<p><b>MHI (ASC MHC)</b> Material Handling Industry 8720 Red Oak Blvd. - Ste. 201 Charlotte, NC 28217 Phone: (704) 676-1190 Fax: 704-676-1199 Web: <a href="http://www.mhi.org">www.mhi.org</a></p>	<p><b>RESNET</b> Residential Energy Services Network, Inc. 4867 Patina Court Oceanside, CA 92057 Phone: (760) 408-5860 Fax: (760) 806-9449 Web: <a href="http://www.resnet.us.com">www.resnet.us.com</a></p>
<p><b>ASA (ASC S1)</b> Acoustical Society of America 1305 Walt Whitman Road Suite 300 Melville, NY 11747 Phone: (631) 390-0215 Fax: (631) 923-2875 Web: <a href="http://www.acousticalsociety.org">www.acousticalsociety.org</a></p>	<p><b>ASTM</b> ASTM International 100 Barr Harbor Drive West Conshohocken, PA 19428-2959 Phone: (610) 832-9744 Fax: (610) 834-3683 Web: <a href="http://www.astm.org">www.astm.org</a></p>	<p><b>NEMA (ASC C12)</b> National Electrical Manufacturers Association 1300 North 17th Street Suite 900 Rosslyn, VA 22209 Phone: (703) 841-3278 Fax: (703) 841-3367 Web: <a href="http://www.nema.org">www.nema.org</a></p>	<p><b>SCTE</b> Society of Cable Telecommunications Engineers 140 Philips Road Exton, PA 19341-1318 Phone: (480) 252-2330 Fax: (610) 363-5898 Web: <a href="http://www.scte.org">www.scte.org</a></p>
<p><b>ASABE</b> American Society of Agricultural and Biological Engineers 2950 Niles Road St Joseph, MI 49085 Phone: (269) 932-7015 Fax: (269) 429-3852 Web: <a href="http://www.asabe.org">www.asabe.org</a></p>	<p><b>AWWA</b> American Water Works Association 6666 W. Quincy Ave. Denver, CO 80235 Phone: (303) 347-6178 Fax: (303) 795-7603 Web: <a href="http://www.awwa.org">www.awwa.org</a></p>	<p><b>NEMA (ASC C78)</b> National Electrical Manufacturers Association 1300 N 17th St Rosslyn, VA 22209 Phone: 703-841-3262 Web: <a href="http://www.nema.org">www.nema.org</a></p>	<p><b>SI</b> Simon Institute 4760 South Highland Drive #323 Salt Lake City, UT 84117 Phone: (801) 983-5263 Web: <a href="http://www.simoninstitute.org">www.simoninstitute.org</a></p>

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# ISO & IEC Draft International Standards

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

## Comments

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

## Ordering Instructions

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

## ISO Standards

### **AGRICULTURAL FOOD PRODUCTS (TC 34)**

ISO/DIS 19020, Microbiology of food chain - Horizontal method for the immunoenzymatic detection of staphylococcal enterotoxins in foodstuffs - 9/9/2016, \$77.00

ISO/DIS 20976-1, Microbiology of the food chain - Guidelines for conducting challenge tests of food and feed products - Part 1: Challenge tests to study the growth potential, lag time and the maximum growth rate - 9/2/2016, \$98.00

### **ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)**

ISO/DIS 9170-1, Terminal units for medical gas pipeline systems - Part 1: Terminal units for use with compressed medical gases and vacuum - 9/2/2016, \$88.00

### **DOCUMENT IMAGING APPLICATIONS (TC 171)**

ISO/DIS 24517-2, Document management - Engineering document format using PDF - Part 2: Use of 32000-2 including support for long-term preservation (PDF/E-2) - 11/9/2018, \$88.00

### **FURNITURE (TC 136)**

ISO/DIS 7170, Furniture - Storage units - Test methods for the determination of strength and durability - 7/9/2016, \$112.00

ISO/DIS 7171, Furniture - Storage units - Test methods for the determination of stability - 7/9/2016, \$46.00

### **GAS CYLINDERS (TC 58)**

ISO/DIS 20475, Gas cylinders - Cylinder bundles - Periodic inspection and testing - 9/4/2016, \$53.00

### **HYDROMETRIC DETERMINATIONS (TC 113)**

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

### **INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)**

ISO/DIS 14306, Industrial automation systems and integration - JT file format specification for 3D visualization - 8/19/2016, \$291.00

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

ISO/DIS 19085-10, Woodworking machines - Safety - Part 10: Building site saws (contractor saws) - 7/10/2016, \$119.00

### **OPTICS AND OPTICAL INSTRUMENTS (TC 172)**

ISO/DIS 10936-1, Optics and photonics - Operation microscopes - Part 1: Requirements and test methods - 9/3/2016, \$33.00

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

ISO/DIS 6270-1, Paints and varnishes - Determination of resistance to humidity - Part 1: Condensation (single-sided exposure) - 9/3/2016, \$40.00

### **PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)**

ISO/DIS 19918, Protective clothing - Protection against chemicals - Measurement of cumulative permeation of chemicals with low vapour pressure through materials - 9/8/2016, \$71.00

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

ISO/DIS 4582, Plastics - Determination of changes in colour and variations in properties after exposure to daylight under glass, natural weathering or laboratory light sources - 7/10/2016, \$71.00

ISO/DIS 14851, Determination of the ultimate aerobic biodegradability of plastic materials in an aqueous medium - Method by measuring the oxygen demand in a closed respirometer - 7/8/2016, \$77.00

ISO/DIS 21309-1, Plastics - Ethylene/vinyl alcohol (EVOH) copolymer moulding and extrusion materials - Part 1: Designation system and basis for specifications - 9/2/2016, \$40.00

ISO/DIS 22007-1, Plastics - Determination of thermal conductivity and thermal diffusivity - Part 1: General principles - 7/8/2016, \$77.00

### **QUALITY MANAGEMENT AND QUALITY ASSURANCE (TC 176)**

ISO/DIS 10007, Quality management systems - Guidelines for configuration management - 7/8/2016, \$53.00

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

ISO/DIS 20056-1, Rolling bearings - Load ratings for hybrid bearings with rolling elements made of ceramic - Part 1: Dynamic load ratings - 9/2/2016, \$62.00

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

- ISO/DIS 1856, Flexible cellular polymeric materials - Determination of compression set - 9/8/2016, \$33.00
- ISO/DIS 4675, Rubber- or plastics-coated fabrics - Low-temperature bend test - 7/10/2016, \$40.00
- ISO/DIS 20057, Rubber household glove - General requirements and test methods - 7/10/2016, \$53.00

**SPRINGS (TC 227)**

- ISO/DIS 19690-1, Disc springs - Part 1: Calculation - 7/10/2016, \$58.00

**TRADITIONAL CHINESE MEDICINE (TC 249)**

- ISO/DIS 20311, Traditional Chinese medicine - Salvia miltiorrhiza seeds and seedlings - 7/10/2016, \$58.00

**IEC Standards**

- 13/1696/FDIS, IEC 62053-23 Amd. 1: Electricity metering equipment (a.c.) - Particular requirements - Part 23: Static meters for reactive energy (classes 2 and 3), 07/29/2016
- 13/1697/FDIS, IEC 62054-11 Amd. 1: Electricity metering (AC) - Tariff and load control Part 11: Particular requirements for electronic ripple control receivers, 07/29/2016
- 13/1698/FDIS, IEC 62053-11 Amd. 1: Electricity metering equipment (AC) - Particular requirements - Part 11: Electromechanical meters for active energy (classes 0,5, 1 and 2), 07/29/2016
- 13/1699/FDIS, IEC 62053-21 Amd. 1: Electricity metering equipment (AC) - Particular requirements - Part 21: Static meters for active energy (classes 1 and 2), 07/29/2016
- 13/1700/FDIS, IEC 62052-11 Amd. 1: Electricity metering equipment (AC) - General requirements, tests and test conditions - Part 11: Metering equipment, 07/19/2016
- 13/1701/FDIS, IEC 62053-22 Amd. 1: Electricity metering equipment (AC) - Particular requirements - Part 22 Static meters for active energy (classes 0,2 S and 0,5 S), 07/29/2016
- 13/1702/FDIS, IEC 62052-21 Amd. 1: Electricity metering equipment (AC) - General requirements, tests and test conditions - Part 21: Tariff and load control equipment, 07/29/2016
- 13/1703/FDIS, IEC 62053-24 Amd. 1: Electricity metering equipment (AC) - Particular requirements - Part 24: Static meters for reactive energy at fundamental frequency (classes 0,5 S, 1 S and 1), 08/19/2016
- 22G/338/FDIS, Amendment 1 to IEC 61800-5-1 Ed.2: Adjustable speed electrical power drive systems - Part 5-1: Safety requirements - Electrical, thermal and energy, 07/29/2016
- 22G/339/NP, Future IEC 61800-x-x: Adjustable speed electrical power drive systems - Part x-x: Safety requirements for encoders - Functional, Electrical and Environmental, 09/09/2016
- 23B/1218/CD, IEC 60884-1 f2 Ed.4: Plugs and socket-outlets for household and similar purposes - Part 1: General requirements, 09/09/2016
- 23B/1219/CD, IEC 60884-1 f3 Ed.4: Plugs and socket-outlets for household and similar purposes - Part 1: General requirements, 09/09/2016
- 23E/963/FDIS, IEC 62873-2 Ed.1: Residual current operated circuit-breakers for household and similar use - Part 2: Residual current devices (RCDs) - Vocabulary, 07/29/2016
- 23E/964/FDIS, IEC 62873-3-1 Ed.1: Residual current operated circuit-breakers for household and similar use - Part 3-1: Particular requirements for RCDs with screwless-type terminals for external copper conductors, 07/29/2016
- 23E/965/FDIS, IEC 62873-3-2 Ed.1: Residual current operated circuit-breakers for household and similar use - Part 3-2: Particular requirements for RCDs with flat quick-connect terminations, 07/29/2016
- 23E/966/FDIS, IEC 62873-3-3 Ed.1: Residual current operated circuit-breakers for household and similar use - Part 3-3: Specific requirements for RCDs with screw-type terminals for external untreated aluminium conductors and with aluminium screw-type terminals for use with copper or with aluminium conductors, 07/29/2016
- 34C/1228/CD, IEC 61347-2-14 Ed.1: Lamp controlgear - Part 2-14: Particular requirements for d.c. and/or a.c. supplied electronic controlgear for fluorescent induction lamps, 09/09/2016
- 34C/1231/CD, IEC 62442-1 A1 Ed.1: Energy performance of lamp controlgear - Part 1: Controlgear for fluorescent lamps - Method of measurement to determine the total input power of controlgear circuits and the efficiency of the controlgear, 09/09/2016
- 34C/1233/CD, IEC 62442-2 A1 Ed.1: Energy performance of lamp controlgear - Part 2: Controlgear for high intensity discharge lamps (excluding fluorescent lamps) - Method of measurement to determine the efficiency of the controlgear, 09/09/2016
- 34C/1235/CD, IEC 62442-3 A1 Ed.1: Energy performance of lamp controlgear - Part 3: Controlgear for halogen lamps and LED modules - Method of measurement to determine the efficiency of the controlgear, 09/09/2016
- 38/516/CD, IEC 61869-1 Ed. 2.0 Instrument transformers - Part 1: General requirements, 09/09/2016
- 45/806/CDV, IEC 62976 Ed.1: Industrial non-destructive testing equipment - Electron linear accelerator, 09/09/2016
- 46F/344/CDV, IEC 60153-4 ed 2.0: Hollow Metallic Waveguides - Part 4: Relevant specifications for circular waveguides, 09/09/2016
- 47/2297/CDV, IEC 60749-6 Ed.2: Semiconductor devices - Mechanical and climatic test methods - Part 6: Storage at high temperature, 09/09/2016
- 47/2298/CDV, IEC 60749-3 Ed.2: Semiconductor devices - Mechanical and climatic test methods - Part 3: External visual examination, 09/09/2016
- 48B/2503/CD, IEC 61076-2-114/Ed1: Connectors for electronic equipment - Product requirements - Part 2-114: Circular connectors - Detail specification for data and power connectors with M8 screw-locking, 09/09/2016
- 57/1738/NP, Energy management system application program interface (EMS-API) - Part 600-1: Common Grid Model Exchange Specification (CGMES) - Structure and rules (proposed IEC 61970-600-1 TS), 09/09/2016
- 57/1739/NP, Energy management system application program interface (EMS-API) - Part 600-2: Common Grid Model Exchange Specification (CGMES) - Exchange profiles specification (proposed IEC 61970-600-2 TS), 09/09/2016
- 57/1740/DC, Proposal to develop IEC TR 61850-90-19: Communication networks and systems for power utility automation - Part 90-19: Using Role Based Access Control (RBAC) and IEC 61850, 07/29/2016
- 59F/304/FDIS, IEC 62885-2 Ed.1: Surface cleaning appliances - Part 2: Dry vacuum cleaners for household or similar use - Methods for measuring the performance, 07/29/2016
- 61C/662/CDV, IEC 60335-2-24: Household and similar electrical appliances - Safety - Particular requirements for refrigerating appliances, ice-cream appliances and ice makers, 09/09/2016
- 62B/1004/CDV, Amendment 1 to IEC 60601-2-63: Medical electrical equipment - Part 2-63: Particular requirements for the basic safety and essential performance of dental extra-oral X-ray equipment, 09/09/2016

- 62B/1006/CDV, Amendment 1 to IEC 60601-2-65: Medical electrical equipment - Part 2-65: Particular requirements for the basic safety and essential performance of dental intra-oral X-ray equipment, 09/09/2016
- 62D/1366/FDIS, IEC 60601-2-40 Ed. 2: Medical electrical equipment - Part 2-40: Particular requirements for the basic safety and essential performance of electromyographs and evoked response equipment, 07/29/2016
- 72/1039/CDV, IEC 60730-2-5-A1/Ed4: Automatic electrical controls - Part 2-5: Particular requirements for automatic electrical burner control systems, 09/09/2016
- 82/1135/CD, IEC 63049 TS Ed.1: Terrestrial photovoltaic (PV) systems - Guideline for increased confidence in PV system installation, 09/09/2016
- 82/1136/CD, IEC 62989 TS Ed.1: Primary optics for concentrator photovoltaic systems, 09/09/2016
- 86A/1733/FDIS, IEC 60794-3-20/Ed3: Optical fibre cables - Part 3-20: Outdoor cables - Family specification for self-supporting aerial telecommunication cables, 07/29/2016
- 86C/1384/NP, Future IEC 62343-5-2/Ed1: Dynamic modules - Part 5-2: Test methods - 1xN fixed-grid WSS - Dynamic crosstalk measurement, 09/09/2016
- 90/368/CD, IEC 61788-24 Ed.1: Superconductivity - Part 24: Retained critical current after double bending at room temperature of Ag-sheathed Bi-2223 superconducting wires, 09/09/2016
- 100/2718/NP, Professional video storage products - Tape-less camera recorder using MXF file format - Encoding guidelines - Part 2: Mapping MPEG-2 and AVC Streams into MXF (TA6), 09/09/2016
- 110/763/CDV, IEC 62715-6-2 Ed.1: Flexible display devices - Part 6-2: Environmental testing methods, 09/09/2016
- 115/126A/CD, IEC/TS 63014 Ed.1: High-Voltage Direct Current (HVDC) Power Transmission - System requirements for DC-side equipment - Part 1: Line-Commutated Converters, 08/05/2016
- 120/76/CD, IEC 62933-2-1 Ed.1: Electrical energy storage (EES) systems - Part 2-1: Unit parameters and testing methods - General specification, 08/12/2016
- CIS/A/1174/CD, Amendment 1 to CISPR 16-2-3 Ed.4: Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-3: Methods of measurement of disturbances and immunity - Radiated disturbance measurements, 09/09/2016
- CIS/B/663/CD, Amendment 2 (f1) to CISPR 11: Industrial, scientific and medical equipment - Radio-frequency disturbance characteristics - Limits and methods of measurement - Requirements for air-gap wireless power transfer (WPT), 10/07/2016



# Newly Published ISO & IEC Standards

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

## ISO Standards

### ISO/IEC JTC 1 Technical Reports

[ISO/IEC TR 29110-1:2016](#), Systems and software engineering - Lifecycle profiles for Very Small Entities (VSEs) - Part 1: Overview, \$149.00

#### AGRICULTURAL FOOD PRODUCTS (TC 34)

[ISO 17468:2016](#), Microbiology of the food chain - Technical requirements and guidance on establishment or revision of a standardized reference method, \$51.00

[ISO 16140-1:2016](#), Microbiology of the food chain - Method validation - Part 1: Vocabulary, \$51.00

[ISO 16140-2:2016](#), Microbiology of the food chain - Method validation - Part 2: Protocol for the validation of alternative (proprietary) methods against a reference method, \$240.00

#### AIR QUALITY (TC 146)

[ISO 17179:2016](#), Stationary source emissions - Determination of the mass concentration of ammonia in flue gas - Performance characteristics of automated measuring systems, \$200.00

#### PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

[ISO 2719:2016](#), Determination of flash point - Pensky-Martens closed cup method, \$149.00

#### PHOTOGRAPHY (TC 42)

[ISO 12234-3:2016](#), Electronic still picture imaging - Removable memory - Part 3: XMP for digital photography, \$173.00

#### THERMAL INSULATION (TC 163)

[ISO 16957:2016](#), Measurement of apparent thermal conductivity of wet porous building materials by a periodic method, \$149.00

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

[ISO 4802-1:2016](#), Glassware - Hydrolytic resistance of the interior surfaces of glass containers - Part 1: Determination by titration method and classification, \$123.00

[ISO 4802-2:2016](#), Glassware - Hydrolytic resistance of the interior surfaces of glass containers - Part 2: Determination by flame spectrometry and classification, \$123.00

[ISO 11418-7:2016](#), Containers and accessories for pharmaceutical preparations - Part 7: Screw-neck vials made of glass tubing for liquid dosage forms, \$51.00

## ISO Technical Specifications

#### HEALTH INFORMATICS (TC 215)

[ISO/TS 17251:2016](#), Health informatics - Business requirements for a syntax to exchange structured dose information for medicinal products, \$88.00

#### PACKAGING (TC 122)

[ISO/TS 19709-3:2016](#), Transport packaging - Small load container systems - Part 3: Bond Stackable System (BSS), \$123.00

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

[ISO/TS 21219-19:2016](#), Intelligent transport systems - Traffic and travel information (TTI) via transport protocol experts group, generation 2 (TPEG2) - Part 19: Weather information (TPEG2-WEA), \$240.00

#### WATER QUALITY (TC 147)

[ISO/TS 18220:2016](#), Water quality - Larval development test with the harpacticoid copepod *Nitocra spinipes*, \$149.00

[ISO/TS 17951-1:2016](#), Water quality - Determination of fluoride using flow analysis (FIA and CFA) - Part 1: Method using flow injection analysis (FIA) and spectrometric detection after off-line distillation, \$88.00

[ISO/TS 17951-2:2016](#), Water quality - Determination of fluoride using flow analysis (FIA and CFA) - Part 2: Method using continuous flow analysis (CFA) with automated in-line distillation, \$123.00

## ISO/IEC JTC 1, Information Technology

[ISO/IEC 25023:2016](#), Systems and software engineering - Systems and software Quality Requirements and Evaluation (SQuaRE) - Measurement of system and software product quality, \$200.00

[ISO/IEC 25066:2016](#), Systems and software engineering - Systems and software Quality Requirements and Evaluation (SQuaRE) - Common Industry Format (CIF) for Usability - Evaluation Report, \$200.00

[ISO/IEC 27009:2016](#), Information technology - Security techniques - Sector-specific application of ISO/IEC 27001 - Requirements, \$88.00

[ISO/IEC 7816-6:2016](#), Identification cards - Integrated circuit cards - Part 6: Interindustry data elements for interchange, \$173.00

## IEC Standards

#### ELECTRIC TRACTION EQUIPMENT (TC 9)

[IEC 62848-1 Ed. 1.0 b:2016](#), Railway applications - DC surge arresters and voltage limiting devices - Part 1: Metal-oxide surge arresters without gaps, \$278.00

[IEC 62864-1 Ed. 1.0 b:2016](#), Railway applications - Rolling stock - Power supply with onboard energy storage system - Part 1: Series hybrid system, \$303.00

### **ELECTRICAL ACCESSORIES (TC 23)**

[IEC 61058-2-6 Ed. 1.0 b:2016](#), Switches for appliances - Part 2-6: Particular requirements for switches used in electric motor-operated hand-held tools, transportable tools and lawn and garden machinery, \$121.00

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

[IEC 61303 Ed. 1.0 b cor.1:2016](#), Corrigendum 1 - Medical electrical equipment - Radionuclide calibrators - Particular methods for describing performance, \$0.00

### **ELECTROACOUSTICS (TC 29)**

[IEC 61094-3 Ed. 2.0 b:2016](#), Electroacoustics - Measurement microphones - Part 3: Primary method for free-field calibration of laboratory standard microphones by the reciprocity technique, \$206.00

### **ENVIRONMENTAL STANDARDIZATION FOR ELECTRICAL AND ELECTRONIC PRODUCTS AND SYSTEMS (TC 111)**

[IEC/PAS 63015 Ed. 1.0 en:2016](#), Definition of "Low-Halogen" for electronic products, \$85.00

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

[IEC 61003-1 Ed. 3.0 b:2016](#), Industrial-process control systems - Instruments with analogue inputs and two- or multi-position outputs - Part 1: Methods for evaluating performance, \$182.00

[IEC 61003-2 Ed. 2.0 b:2016](#), Industrial-process control systems - Instruments with analogue inputs and two- or multi-position outputs - Part 2: Guidance for inspection and routine testing, \$43.00

[IEC 61069-1 Ed. 2.0 b:2016](#), Industrial-process measurement, control and automation - Evaluation of system properties for the purpose of system assessment - Part 1: Terminology and basic concepts, \$278.00

[IEC 61069-2 Ed. 2.0 b:2016](#), Industrial-process measurement, control and automation - Evaluation of system properties for the purpose of system assessment - Part 2: Assessment methodology, \$254.00

[IEC 61069-3 Ed. 2.0 b:2016](#), Industrial-process measurement, control and automation - Evaluation of system properties for the purpose of system assessment - Part 3: Assessment of system functionality, \$254.00

[IEC 61069-4 Ed. 2.0 b:2016](#), Industrial-process measurement, control and automation - Evaluation of system properties for the purpose of system assessment - Part 4: Assessment of system performance, \$230.00

[IEC 61069-5 Ed. 2.0 b:2016](#), Industrial-process measurement, control and automation - Evaluation of system properties for the purpose of system assessment - Part 5: Assessment of system dependability, \$230.00

[IEC 61069-6 Ed. 2.0 b:2016](#), Industrial-process measurement, control and automation - Evaluation of system properties for the purpose of system assessment - Part 6: Assessment of system operability, \$206.00

[IEC 61069-7 Ed. 2.0 b:2016](#), Industrial-process measurement, control and automation - Evaluation of system properties for the purpose of system assessment - Part 7: Assessment of system safety, \$97.00

[IEC 61069-8 Ed. 2.0 b:2016](#), Industrial-process measurement, control and automation - Evaluation of system properties for the purpose of system assessment - Part 8: Assessment of other system properties, \$230.00

[IEC 62453-302 Ed. 2.0 b:2016](#), Field device tool (FDT) interface specification - Part 302: Communication profile integration - IEC 61784 CPF 2, \$254.00

[IEC 62453-309 Ed. 2.0 b:2016](#), Field device tool (DFT) interface specification - Part 309: Communication profile integration - IEC 61784 CPF 9, \$303.00

[IEC 62453-315 Ed. 1.1 b:2016](#), Field device tool (FDT) Interface specification - Part 315: Communication profile integration - IEC 61784 CPF 15, \$363.00

[IEC 62453-315 Amd.1 Ed. 1.0 b:2016](#), Amendment1 - Field device tool (FDT) Interface specification - Part 315: Communication profile integration - IEC 61784 CPF 15, \$20.00

### **POWER ELECTRONICS (TC 22)**

[IEC 60700-2 Ed. 1.0 b:2016](#), Thyristor valves for high voltage direct current (HVDC) power transmission - Part 2: Terminology, \$157.00

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

[IEC 62325-351 Ed. 2.0 b:2016](#), Framework for energy market communications - Part 351: CIM European market model exchange profile, \$339.00

[IEC 62361-100 Ed. 1.0 b:2016](#), Power systems management and associated information exchange - Interoperability in the long term - Part 100: CIM profiles to XML schema mapping, \$303.00

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

[IEC 60335-2-69 Ed. 5.0 b:2016](#), Household and similar electrical appliances - Safety - Part 2-69: Particular requirements for wet and dry vacuum cleaners, including power brush, for commercial use, \$351.00

[S+ IEC 60335-2-69 Ed. 5.0 en:2016 \(Redline version\)](#), Household and similar electrical appliances - Safety - Part 2-69: Particular requirements for wet and dry vacuum cleaners, including power brush, for commercial use, \$494.00

# Proposed Foreign Government Regulations

## Call for Comment

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

The National Center for Standards and Certification Information (NCSCI) at the National Institute of Standards and Technology

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

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

# Information Concerning

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## American National Standards

### INCITS Executive Board

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

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

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

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

- **Producer – Hardware**

This category primarily produces hardware products for the ITC marketplace.

- **Producer – Software**

This category primarily produces software products for the ITC marketplace.

- **Distributor**

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

- **User**

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

- **Consultants**

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

- **Standards Development Organizations and Consortia**

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

- **Academic Institution**

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

- **Other**

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

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

### Calls for Members

#### Society of Cable Telecommunications

##### ANSI Accredited Standards Developer

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

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

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

## ANSI Accredited Standards Developers

### Approval of Reaccreditation

#### ASC C63 – Electromagnetic Compatibility

ANSI's Executive Standards Council has approved the reaccreditation of Accredited Standards Committee C63, Electromagnetic Compatibility under its recently revised operating procedures for documenting consensus on ASC C63-sponsored American National Standards, effective June 21, 2016. For additional information, please contact the Secretariat of ASC N42: Ms. Sue Vogel, Sr. Manager, IEEE, 445 Hoes Lane, Piscataway, NJ 08855-1331; phone: 732.562.3817; e-mail: [s.vogel@ieee.org](mailto:s.vogel@ieee.org).

#### ASC Z223 – National Fuel Gas Code

The reaccreditation of Accredited Standards Committee Z223, National Fuel Gas Code has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on ASC Z223-sponsored American National Standards, effective June 22, 2016. For additional information, please contact the Secretariat of ASC Z223: Mr. Paul Cabot, Secretary, ASC Z223, National Fuel Gas Code, American Gas Association, 400 N. Capitol Street, NW, Washington, DC 20001; phone: 202.824.7312; e-mail: [pcabot@aga.org](mailto:pcabot@aga.org).

## B11 Standards, Inc.

The reaccreditation of B11 Standards, Inc., an ANSI Member and Accredited Standards Developer, has been approved at the direction of ANSI's Executive Standards Council under its recently revised operating procedures for documenting consensus on B11 Standards Inc.-sponsored American National Standards, effective June 22, 2016. For additional information, please contact: Mr. David Felinski, President, B11 Standards, Inc., P.O. Box 690905, Houston, TX 77269; phone: 832.446.6999; e-mail: dfelinski@b11standards.org.

## SPI: The Plastics Industry Trade Association

The reaccreditation of SPI: The Plastics Industry Trade Association, an ANSI Member and Accredited Standards Developer, has been approved at the direction of ANSI's Executive Standards Council under its recently revised operating procedures for documenting consensus on SPI-sponsored American National Standards, effective June 22, 2016. For additional information, please contact: Mr. David Felinski, Standards Program Coordinator, SPI: The Plastics Industry Trade Association, P.O. Box 690905, Houston, TX 77269; phone: 832.446.6999; e-mail: dfelinski@b11standards.org.

# ANSI Accreditation Program for Third Party Product Certification Agencies

Accreditation in accordance with ISO/IEC 17065

## AgroManagement

Comment Deadline: July 25, 2016

Inge Bodil Jochumsen  
Manager – Headquarters

### AgroManagement

Osterbro 4, Tommerup DK 5690, Denmark  
E-mail: ibj@agromanagement.dk

On June 21 2016, the ANSI accreditation committee granted accreditation in accordance with ISO/IEC 17065 to AgroManagement for the following scopes:

### GlobalG.A.P. General Regulations Integrated Farm Assurance: Option 1 - Individual Producer Certification

- Aquaculture Base: Crustaceans
- Aquaculture Base: Finfish
- Aquaculture Base: Molluscs
- Aquaculture Base: Others
- Crops Base: Combinable Crops
- Crops Base: Flowers & Ornamentals
- Crops Base: Fruit & Vegetables
- Livestock Base: Dairy
- Livestock Base: Others
- Livestock Base: Poultry

### GlobalG.A.P. General Regulations Integrated Farm Assurance: Option 2 - Producer Group Certification

- Aquaculture Base: Crustaceans
- Aquaculture Base: Finfish
- Aquaculture Base: Molluscs
- Aquaculture Base: Others
- Crops Base: Combinable Crops
- Crops Base: Flowers & Ornamentals
- Crops Base: Fruit & Vegetables
- Livestock Base: Dairy
- Livestock Base: Others
- Livestock Base: Poultry

## GlobalG.A.P. General Regulations: Chain of Custody (COC)

### GlobalG.A.P. General Regulations: Compound Feed Manufacturing (CFM)

### GlobalG.A.P. General Regulations: Plant Propagation Material Standard (PPM)

Please send your comments by July 25, 2016 to Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: njackson@ansi.org.

## Certificadora Gallega Del Noroeste S.L. (CGNC)

Comment Deadline: July 25, 2016

Jaime Rodrigo Poch – Manager

### Certificadora Gallega Del Noroeste S.L. (CGNC)

Dr. Tourón, 44, oficina 2  
C.P. 36.600 Vilagarcía de Arousa (Pontevedra)  
E-mail: gerencia@ceganor.com  
Web: <http://www.ceganor.com/>

On June 21 2016, the ANSI accreditation committee granted accreditation in accordance with ISO/IEC 17065 to Certificadora Gallega Del Noroeste S.L. (CGNC) for the following scopes :

### ISCC EU SCHEME

- 13.020 Environmental protection
- 13.020.20 Environmental economics

Please send your comments by July 25, 2016 to Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: njackson@ansi.org.

## Accreditation in accordance with ISO/IEC 17065 and EU Directives

## ACB, Inc.

Comment Deadline: July 25, 2016

Ms. Susan Holman  
Director of North American Operations  
ACB, Inc.  
6731 Whittier Avenue, Suite C110  
McLean, VA 22101  
Phone: 703-847-4700  
Fax: 703-847-6888  
E-mail: susan@atcb.com  
Web: [www.ACBCert.com](http://www.ACBCert.com)

On June 21, 2016, ACB, Inc., an ANSI-accredited certification body, was granted accreditation in accordance with ISO/IEC 17065 and the following certification scheme(s) and scopes:

### LIST OF CERTIFICATION SCHEME(S)

- EU Radio Equipment Directive (RED) 2014/53/EU Notified Body Requirements Annex III (Module B) – EU Type Examination
- EU Electromagnetic Compatibility (EMC) Directive 2014/30/EU Notified Body Requirements Annex III (Part A - Module B) – EU Type Examination

Scope of Accreditation

## EU Radio Equipment Directive (RED)

Radio equipment (excluding equipment as stipulated in Article 1.2 and Article 1.3)

## EU Electromagnetic Compatibility (EMC) Directive

Electrical and electronic equipment (excluding equipment as stipulated in Article 2.2)

Please send your comments by July 25, 2016 to Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: [rfigueir@ansi.org](mailto:rfigueir@ansi.org), or Nikki Jackson, Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: [njackson@ansi.org](mailto:njackson@ansi.org).

**Application for Product Certification Accreditation Program****Acoura Marine Limited****Comment Deadline: July 25, 2016**

Fiona Calder

Accreditation Manager – Headquarters

**Acoura Marine Limited**

6 Redheughs Rigg  
Edinburgh EH12 9DQ, England

Certification body has submitted formal application for accreditation by ANSI of the following certification program of this certification body:

Best Aquaculture Practices (BAP) Division of the GAA

GAA BAP Seafood Processing Plant

GAA BAP Salmon Farm Standard

GAA BAP Feed Mill Standard

GAA BAP Finfish/Crustacean/Mollusk  
Hatcheries/Nurseries Standard

GAA BAP Mussel Farm Standards

GAA BAP Finfish and Crustacean Farm Standards

Please send your comments by July 25, 2016 to Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: [rfigueir@ansi.org](mailto:rfigueir@ansi.org), or Nikki Jackson, Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: [njackson@ansi.org](mailto:njackson@ansi.org).

# International Organization for Standardization (ISO)

**Call for U.S. TAG Administrator****ISO/TC 17 – Steel Subcommittees**

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

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

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

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

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

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

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

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

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

**ISO/TC 34 – Food Products Subcommittees**

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

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

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

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

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

Excluded :

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

ISO/TC 34/SC 4 – *Cereals and pulses*

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

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

ISO/TC 34/SC 8 – *Tea*

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

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

## U.S. Technical Advisory Groups

### U.S. TAG to ISO TC 20/SC 13 – Space Data and Information Transfer Systems

**Comment Deadline: July 25, 2016**

The U.S. Technical Advisory Group (TAG) to ISO TC 20/SC 13, Space data and information transfer systems has voted to approve the transfer of TAG Administrator responsibilities from the American Institute of Aeronautics and Astronautics (AIAA) to ASRC Federal (a wholly owned subsidiary of Arctic Slope Regional Corporation). The TAG will continue to operate under its currently accredited operating procedures. Please submit any comments on this action by July 25, 2016 to: Ms. Hillary Woehrl, Manager, Standards, American Institute of Aeronautics and Astronautics, 12700 Sunrise Valley Drive, Suite 200, Reston, VA 20191-5807; phone: 800.639.2422; e-mail: [Hillaryw@aiaa.org](mailto:Hillaryw@aiaa.org) (please copy [jthomps@ansi.org](mailto:jthomps@ansi.org)). If no comments are received, this action will be formally approved, effective July 26, 2016.

## Meeting Notices

### AHRI Standards

#### Revision of AHRI Standard 410-2001, Forced Circulation Air-Cooling and Air-Heating Coils

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on July 13 from 12 p.m. to 1 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Mary Opalka at [mopalka@ahrinet.org](mailto:mopalka@ahrinet.org).

#### Revision of AHRI Standard 410-2001, Forced Circulation Air-Cooling and Air-Heating Coils

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on July 16 from 12 p.m. to 1 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Mary Opalka at [mopalka@ahrinet.org](mailto:mopalka@ahrinet.org).

#### Development of AHRI Standard 545P, Performance Rating of Modulating Positive Displacement Refrigerant Compressors and Compressor Units

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on August 1 from 3 p.m. to 4:30 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Justin Prosser at [jprosser@ahrinet.org](mailto:jprosser@ahrinet.org).

#### Revision of ANSI/AHRI Standard 1230-2010, Performance Rating of Variable Refrigerant Flow Multi-Split Air Conditioning and Heat Pump Equipment

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding a face-to-face meeting at AHRI headquarters in Arlington, Va., on July 18 from 9 a.m. to 5 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Richie Mohan at [rmohan@ahrinet.org](mailto:rmohan@ahrinet.org).

#### Revision of ANSI/AHRI Standard 1230-2010, Performance Rating of Variable Refrigerant Flow Multi-Split Air Conditioning and Heat Pump Equipment

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding a face-to-face meeting in Arlington, VA, on August 4-5 from 9 a.m. to 5 p.m. If you are interested in participating in the meeting or providing comments on the standard please contact AHRI staff member Richie Mohan at [rmohan@ahrinet.org](mailto:rmohan@ahrinet.org).

### GBI Meetings

The 19th and 20th meetings of the Green Building Initiative - GBI 01-201x Consensus Body will be held via conference call and webinar:

- Friday, July 8, 2016 from 11:00 AM to 3:00 PM ET

- Tuesday, July 19, 2016 from 11:00 AM to 3:00 PM ET

The purpose for these teleconferences is for the Consensus Body members to address public comments on the Working Draft of 01-201X document and for questions/comments from the public.

The tentative agenda will be posted on the GBI webpage for the standard at: <http://www.thegbi.org/ansi>. All meetings are open to the public. Any member of the public or Subcommittee participant who would like to attend the meeting should contact the Secretariat, Maria Woodbury, preferably at least 10 days in advance of the meeting to ensure they are included in relevant communications in preparation for the meeting.

To attend, and for additional information, please contact:

Maria Woodbury  
Secretariat for Green Building Initiative  
207-807-8666 (direct)  
E-mail: [Maria@thegbi.org](mailto:Maria@thegbi.org)

## Information Concerning

### **International Organization for Standardization (ISO) ISO Proposal for a New Field of ISO Technical Activity Organizational Governance Comment Deadline: Friday, July 1, 2016**

BSI, the ISO member body for the United Kingdom, has submitted to ISO a proposal for a new field of ISO technical activity on Organizational Governance, with the following scope statement:

*Standardization of organizational governance, including aspects of accountability, direction and control – which may include principles of governance, anti-bribery, conflict of interest, due diligence, whistleblowing, compliance, remuneration structures and external reporting, amongst others.*

*This proposal is for a new technical committee in the field of organizational governance. For the purposes of this proposal, governance may be defined as a "system by which the whole organization is directed, controlled and held accountable to achieve its core purpose over the long term". The term "corporate governance" is typically used for the governance of private and publicly-listed companies.*

*The TC would develop and maintain standards applicable for all organizations to improve the effective delivery of governance. This proposal recognizes that, although interrelated, there is an important distinction between management and governance. The above definition of governance places it into a context of accountability whereas management can be deemed to be "the act of bringing people together to accomplish desired goals and objectives, using available resources in an efficient, effective and risk-aware manner." While governance is linked to management, it is distinct from it because it deals with the accountability of a whole organization to all of its stakeholders and helps ensure that the organization, as a whole, fulfills its full purpose. Thus, governance is a unique area that merits a distinct portfolio of work, separate but complementary to management standards.*

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team ([isot@ansi.org](mailto:isot@ansi.org)), with a submission of comments to Steve Cornish ([scornish@ansi.org](mailto:scornish@ansi.org)) by close of business on Friday, July 1, 2016.

## BSR/UL 8, Standard for Water Based Agent Fire Extinguishers

### 1. Siphon tubes

#### PROPOSAL

18.2 Press-fit-type joints between the siphon tube, valve, and other mating parts of the discharge system shall not completely disengage during use. The siphon tube shall be notched, scarfed, or otherwise prevented from restricting discharge in an unintended manner when the tip of the siphon tube is resting on the bottom of the cylinder. ~~The tip of a nonmetallic siphon tube shall not be displaced from the vertical axis during assembly.~~ See Servicing Tests, Clause 49.

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## BSR/UL 758, Standard for Safety for Appliance Wiring Material

### Addition of Mixed Conductor, New 5.7.9.1

#### PROPOSAL

(NEW)

5.7.9.1 A conductor composed of soft annealed copper and hard-drawn copper strands as specified by Table 5.3 is not prohibited. The orientation of the hard-drawn copper strands within the finished conductor are not specified.

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## BSR/UL 1066, *Standard for Safety for Low-Voltage AC and DC Power Circuit Breakers Used in Enclosures*

### 1. Addition of Requirements for Integrally Mounted, Remotely Operated Racking Mechanisms for Use with Low-Voltage Power Circuit Breakers

#### PROPOSAL

SC2.5 If any part of the remotely operated racking mechanism, when installed, interferes with the intended venting of the circuit breaker or reduces the distance to grounded dead metal, ~~consideration shall be given to the need for the~~ overload endurance, and short-circuit interrupting tests ~~are~~ to be performed on the circuit breaker with the remotely operated racking mechanism installed.

SC4.1 Racking mechanisms that are cord-connected to the power supply shall be provided with a hard-service or junior hard-service flexible cord, such as Type S, SJ, or the equivalent, that is rated for the temperature and voltage involved or with a rated ~~twist-lock receptacle~~ inlet (motor attachment plug).

SC6.5 At the completion of the tests:

- a) ~~No maintenance shall have been necessary.~~
- b) ~~All interlocks shall function in the intended manner.~~
- c) ~~The removable element shall be capable of moving from connected to disconnected position by its intended means.~~
- d) ~~The switchgear and circuit breaker shall be structurally intact and in a condition to continue in service.~~
- e) ~~The plating of the primary disconnecting device contacts (silver-surfaced or the equivalent) shall not have worn through to the underlying layer at the surfaces where the primary disconnecting devices make contact when in the connected position.~~
- f) ~~Secondary disconnecting devices, if plated, shall not have worn through to the underlying layer at the surfaces where the secondary disconnecting devices make contact when in the test and connected positions.~~
- g) ~~a) The cycle time to position the circuit breaker shall not exceed the time claimed by the manufacturer. See SC2.6.~~
- h) ~~b) The indicator required in SC2.7 shall correctly specify the position of the circuit breaker at the connected, disconnected, and test positions.~~

SC7.1 The following t Tests shall be conducted to demonstrate that an single obstruction, ~~including damaged contacts of the switchgear or controlgear,~~ in the intended path of the withdrawable element, does not result in an unsafe condition.

SC7.2 Unsafe conditions include, but are not limited to:

- a) ~~Misalignment or improper seating of contacts;~~
- b) ~~Incomplete withdrawal or insertion;~~
- c) ~~Damage to the racking mechanism, withdrawable element, or any other parts of the switchgear or controlgear assembly; and~~
- d) ~~Inaccurate indication of the position of the withdrawable element.~~

An obstruction shall be inserted in or on the racking mechanism, withdrawable element, or other part of the switchgear or controlgear assembly in order to block or otherwise restrict the insertion of the device from being safely moved to the connected position. The racking mechanism shall then be remotely operated to move the withdrawable element to the connected position. Upon detection of the obstruction, the racking mechanism shall move the withdrawable element to the disconnected position and the remote indicator shall provide indication of the position of the withdrawable element.

SC8.2 The circuit breaker or equipment where the remote racking device is mounted shall be marked with the electrical ratings of the racking device. An adhesive backed label shall be provided with the device to complete the marking as necessary.

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## BSR/UL 1254, Standard for Safety for Pre-Engineered Dry Chemical Extinguishing System Units

### 1. Alternate ultraviolet light exposure

#### PROPOSAL

49.3.2 The ultraviolet light is to be obtained from two stationary enclosed carbon-arc lamps. The arc of each lamp is to be formed between two vertical carbon electrodes, 12.7 mm (1/2 in) in diameter, located at the center of a revolvable vertical metal cylinder, 787 mm (31 in) in diameter and 450 mm (17-3/4 in) in height. Each arc is to be enclosed with a No. 9200-PX clear Pyrex glass globe. The samples are to be mounted vertically on the inside of the revolvable cylinder, facing the lamps, and the cylinder continuously revolved around the stationary lamps at one revolution per minute. A system of nozzles is to be provided so that each sample, in turn, is sprayed with water as the cylinder revolves. During each operating cycle (total of 20 minutes) each sample is to be exposed to the light and water spray for 3 minutes and to the light only for 17 minutes. The air temperature within the revolving cylinder of the apparatus during operation is to be  $63 \pm 5^\circ\text{C}$  ( $145 \pm 9^\circ\text{F}$ ). The test apparatus is to be as specified Type D or Type DH in the Standard Practice for Exposing Nonmetallic Materials in Accelerated Test Devices that use Laboratory Light Sources, ASTM G151, and the Standard Practice for Operating Enclosed Carbon Arc Light Apparatus for Exposure of Nonmetallic Materials, ASTM G153. The temperature within the apparatus is to be  $60 \pm 2^\circ\text{C}$  ( $140 \pm 3.6^\circ\text{F}$ ).

49.3.3 An alternate ultraviolet light exposure is obtainable in accordance with ASTM D2565, Standard Practice for Operating Xenon Arc-Type (Water-Cooled) Light-Exposure Apparatus With and Without Water for Exposure of Plastics. The source of radiation is to be a 6500 Watt, water-cooled xenon-arc lamp with borosilicate inner and outer optical filters. The wattage to the lamp is automatically controlled to provide spectral irradiance of  $0.35 \text{ W/m}^2$  at 340 nm. The samples are mounted vertically on the inside of a 97 cm (38 in) diameter cylinder, facing the arc, and the cylinder is rotated about the arc at one revolution per minute. During each operating cycle of 120 minutes, each sample is exposed to light for 102 minutes and to light and water spray for 18 minutes. The black-panel temperature during the dry portion of the light-on cycle is regulated to  $63 \pm 5^\circ\text{C}$  ( $145 \pm 9^\circ\text{F}$ ). During each operating cycle of 120 minutes, the specimens for exposure are to be exposed to light alone for 102 minutes and to light and water for 18 minutes. This conditioning is to last for 720 hours.

49.3.5 ~~Conditioning procedures not described in [49.3.2](#) – [49.3.4](#) are to be as specified in the Standard Practice for Filtered Open Flame Carbon Arc Exposures of Plastics, ASTM D1499.~~

## BSR/UL 2127, Standard for Safety for Inert Gas Clean Agent Extinguishing System Units

### 1. Alternate ultraviolet light exposure

#### PROPOSAL

51.2.2 The ultraviolet light is to be obtained from two stationary enclosed carbon-arc lamps. The arc of each lamp is to be formed between two vertical carbon electrodes, 12.7 mm (1/2 in) in diameter, located at the center of a revolvable vertical metal cylinder, 787 mm (31 in) in diameter and 450 mm (17-3/4 in) in height. Each arc is to be enclosed with a No. 9200-PX clear Pyrex glass globe. The samples are to be mounted vertically on the inside of the revolvable cylinder, facing the lamps, and the cylinder continuously revolved around the stationary lamps at one revolution per minute. A system of nozzles is to be provided so that each sample, in turn, is sprayed with water as the cylinder revolves. During each operating cycle (total of 20 minutes) each sample is to be exposed to the light and water spray for 3 minutes and to the light only for 17 minutes. The air temperature within the revolving cylinder of the apparatus during operation is to be  $63 \pm 5^{\circ}\text{C}$  ( $145 \pm 9^{\circ}\text{F}$ ). The test apparatus is to be as specified Type D or Type DH in the Standard Practice for Operating Light Exposure Apparatus (Carbon-Arc Types) With or Without Water for Exposure of Nonmetallic Materials, ASTM G23. The temperature within the apparatus is to be  $60 \pm 2^{\circ}\text{C}$  ( $140 \pm 3.6^{\circ}\text{F}$ ).

51.2.3 An alternate ultraviolet light exposure is obtainable in accordance with ASTM D2565, Standard Practice for Operating Xenon Arc-Type (Water-Cooled) Light-Exposure Apparatus With and Without Water for Exposure of Plastics. The source of radiation is to be a 6500 Watt, water-cooled xenon-arc lamp with borosilicate inner and outer optical filters. The wattage to the lamp is automatically controlled to provide spectral irradiance of  $0.35 \text{ W/m}^2$  at 340 nm. The samples are mounted vertically on the inside of a 97 cm (38 in) diameter cylinder, facing the arc, and the cylinder is rotated about the arc at one revolution per minute. During each operating cycle of 120 minutes, each sample is exposed to light for 102 minutes and to light and water spray for 18 minutes. The black-panel temperature during the dry portion of the light-on cycle is regulated to  $63 \pm 5^{\circ}\text{C}$  ( $145 \pm 9^{\circ}\text{F}$ ). During each operating cycle of 120 minutes, the specimens for exposure are to be exposed to light alone for 102 minutes and to light and water for 18 minutes. This conditioning is to last for 720 hours.

51.2.5 Conditioning procedures not described in [51.2.2](#)–[51.2.4](#) are to be as specified in the Standard Practice for Operating Light and Water Exposure Apparatus (Carbon-Arc Type) for Exposure of Plastics, ASTM D1499.

## BSR/UL 2166, Standard for Safety for Halocarbon Clean Agent Extinguishing System Units

### 1. Alternate ultraviolet light exposure

#### PROPOSAL

52.3.2 The ultraviolet light is to be obtained from two stationary enclosed carbon-arc lamps. The arc of each lamp is to be formed between two vertical carbon electrodes, 12.7 mm (1/2 in) in diameter, located at the center of a revolvable vertical metal cylinder, 787 mm (31 in) in diameter and 450 mm (17-3/4 in) in height. Each arc is to be enclosed with a No. 9200-PX clear Pyrex glass globe. The samples are to be mounted vertically on the inside of the revolvable cylinder, facing the lamps, and the cylinder continuously revolved around the stationary lamps at one revolution per minute. A system of nozzles is to be provided so that each sample, in turn, is sprayed with water as the cylinder revolves. During each operating cycle (total of 20 minutes) each sample is to be exposed to the light and water spray for 3 minutes and to the light only for 17 minutes. The air temperature within the revolving cylinder of the apparatus during operation is to be  $63 \pm 5^{\circ}\text{C}$  ( $145 \pm 9^{\circ}\text{F}$ ). The test apparatus is to be as specified Type D or Type DH in the Standard Practice for Operating Light Exposure Apparatus (Carbon-Arc Types) with or without water for Exposure of Nonmetallic Materials, ASTM G23. The temperature within the apparatus is to be  $60 \pm 2^{\circ}\text{C}$  ( $140 \pm 3.6^{\circ}\text{F}$ ).

52.3.3 An alternate ultraviolet light exposure is obtainable in accordance with ASTM D2565, Standard Practice for Operating Xenon Arc-Type (Water-Cooled) Light-Exposure Apparatus With and Without Water for Exposure of Plastics. The source of radiation is to be a 6500 Watt, water-cooled xenon-arc lamp with borosilicate inner and outer optical filters. The wattage to the lamp is automatically controlled to provide spectral irradiance of  $0.35 \text{ W/m}^2$  at 340 nm. The samples are mounted vertically on the inside of a 97 cm (38 in) diameter cylinder, facing the arc, and the cylinder is rotated about the arc at one revolution per minute. During each operating cycle of 120 minutes, each sample is exposed to light for 102 minutes and to light and water spray for 18 minutes. The black-panel temperature during the dry portion of the light-on cycle is regulated to  $63 \pm 5^{\circ}\text{C}$  ( $145 \pm 9^{\circ}\text{F}$ ). During each operating cycle of 120 minutes, the specimens for exposure are to be exposed to light alone for 102 minutes and to light and water for 18 minutes. This conditioning is to last for 720 hours.

52.3.5 ~~Conditioning procedures not described in [52.3.2](#) – [52.3.4](#) are to be as specified in the Standard Practice for Operating Light and Water Exposure Apparatus (Carbon-Arc Type) for Exposure of Plastics, ASTM D1499.~~

## BSR/UL 2775, Standard for Safety for Fixed Condensed Aerosol Extinguishing System Units

### 1. Alternate ultraviolet light exposure

#### PROPOSAL

56.2.2 The ultraviolet light is to be obtained from two stationary enclosed carbon-arc lamps. The arc of each lamp is to be formed between two vertical carbon electrodes, 12.7 mm (1/2 in) in diameter, located at the center of a revolvable vertical metal cylinder, 787 mm (31 in) in diameter and 450 mm (17-3/4 in) in height. Each arc is to be enclosed with a No. 9200-PX clear Pyrex glass globe. The samples are to be mounted vertically on the inside of the revolvable cylinder, facing the lamps, and the cylinder continuously revolved around the stationary lamps at one revolution per minute. A system of nozzles is to be provided so that each sample, in turn, is sprayed with water as the cylinder revolves. During each operating cycle (total of 20 minutes) each sample is to be exposed to the light and water spray for 3 minutes and to the light only for 17 minutes. The air temperature within the revolving cylinder of the apparatus during operation is to be  $63 \pm 5^{\circ}\text{C}$  ( $145 \pm 9^{\circ}\text{F}$ ). The test apparatus is to be as specified Type D or Type DH in the Standard Practice for Exposing Nonmetallic Materials in Accelerated Test Devices that use Laboratory Light Sources, ASTM G151, and the Standard Practice for Operating Enclosed Carbon Arc Light Apparatus for Exposure of Nonmetallic Materials, ASTM G153. The temperature within the apparatus is to be  $60 \pm 2^{\circ}\text{C}$  ( $140 \pm 3.6^{\circ}\text{F}$ ).

56.2.3 An alternate ultraviolet light exposure is obtainable in accordance with ASTM D2565, Standard Practice for Operating Xenon Arc-Type (Water-Cooled) Light-Exposure Apparatus With and Without Water for Exposure of Plastics. The source of radiation is to be a 6500 Watt, water-cooled xenon-arc lamp with borosilicate inner and outer optical filters. The wattage to the lamp is automatically controlled to provide spectral irradiance of  $0.35 \text{ W/m}^2$  at 340 nm. The samples are mounted vertically on the inside of a 97 cm (38 in) diameter cylinder, facing the arc, and the cylinder is rotated about the arc at one revolution per minute. During each operating cycle of 120 minutes, each sample is exposed to light for 102 minutes and to light and water spray for 18 minutes. The black-panel temperature during the dry portion of the light-on cycle is regulated to  $63 \pm 5^{\circ}\text{C}$  ( $145 \pm 9^{\circ}\text{F}$ ). During each operating cycle of 120 minutes, the specimens for exposure are to be exposed to light alone for 102 minutes and to light and water for 18 minutes. This conditioning is to last for 720 hours.

## **BSR/UL 2846, Fire Test of Plastic Water Distribution Plumbing Pipe for Visible Flame and Smoke Characteristics**

### **1. Revision of the Scope of Products Covered by UL 2846**

#### **PROPOSAL**

1.1 This is a test method for determining values of flame propagation distance and optical smoke density for individual pairs of plastic plumbing pipes for distribution of potable water, water used for hydronic heating and cooling applications, water reclaim / reuse water, or other pressurized plastic pipes carrying water that can be installed in ducts, plenums, and other spaces used for environmental air.

1.2 This test method addresses pipe sizes 4 in. and less in diameter tested in assemblies which, based on end use, can include fire rated thermal insulation.

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