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American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

Comment Deadline: November 19, 2017

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

Addenda

BSR/ASHRAE Addendum bi to BSR/ASHRAE Standard 135-201x, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2016)

This addendum adds a new Audit Reporter object type and new audit notification services to report auditable actions. Addendum bi also changes DeviceCommunicationControl Service for Audit Reporting and modifies Logging Objects to allow for Extremely Large Logs.

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

Send comments (with copy to psa@ansi.org) to: <http://www.ashrae.org/standards-research--technology/public-review-drafts>

BICSI (Building Industry Consulting Service International)

New Standard

BSR/BICSI 008-201x, Wireless Local Area Network (WLAN) Systems Design and Implementation (new standard)

This document describes industry- and service-provider-neutral Standards and acceptable best practices for the design and installation of in-building and campus wireless local area networks (WLANs). This 30-day public review is specific to the recent substantive changes made to the document's text.

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

Send comments (with copy to psa@ansi.org) to: Jeff Silveira, (813) 903-4712, jsilveira@bicsi.org

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 125-201x, Standard for Safety for Flow Control Valves for Anhydrous Ammonia and LP-Gas (revision of ANSI/UL 125-2014)

The following is being proposed: (1) Revision to requirements regarding latching fill nozzles for fill valves used with propane vehicles.

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

Send comments (with copy to psa@ansi.org) to: Jeff Prusko, (847) 664-3416, jeffrey.prusko@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 444-201X, Standard for Safety for Communication Cables (revision of ANSI/UL 444-2017)

(1) Proposed change to the Dielectric Strength Test, Revised 6.3.1.

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

Send comments (with copy to psa@ansi.org) to: Joshua Johnson, (919) 549-1053, Joshua.Johnson@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 969-201X, Standard for Safety for Marking and Labeling Systems (revision of ANSI/UL 969-2017)

(1) Specify more specific dimensions for the roller used to apply the test samples to the panels; (2) Addition of thermal shock requirements that have been applied to labels affixed to PWB's and clarification of labels evaluated for use in Class I, Division 1 hazardous locations.

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

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 60745-2-16-201x, Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-16: Particular Requirements for Tackers (revision of ANSI/UL 60745-2-16-2009 (R2015))

(1) Proposed addition of clause 3.111DV to define light-duty tools and addition of clause 19.101DV to modify current mechanical hazard test requirements to address tools considered light duty.

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

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

Comment Deadline: December 4, 2017

ABMA (ASC B3) (American Bearing Manufacturers Association)

New National Adoption

BSR ABMA/ISO 15242-3-201x, Rolling bearings - Measuring methods for vibration - Part 3: Radial spherical and tapered roller bearings with cylindrical bore and outside surface (identical national adoption of ISO 15242-3 - 2017 and revision of ANSI/ABMA/ISO 15242-3-2012)

This part of ISO 15242 serves to define the detailed method for assessing vibration of radial spherical and tapered roller bearings with cylindrical bore and outside surface on a test rig.

Single copy price: \$85.00

Obtain an electronic copy from: info@americanbearings.org

Order from: info@americanbearings.org

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

jconverse@americanbearings.org

AGA (ASC B109) (American Gas Association)

Revision

BSR B109.3-201x, Rotary-Type Gas Displacement Meters (revision of ANSI B109.3-2000 (R2008))

This publication represents a basic standard for safe operation, substantial and durable construction, and acceptable performance for rotary-type gas displacement meters.

Single copy price: \$110.00

Obtain an electronic copy from: <https://www.techstreet.com/publishers/12>

Order from: Michael Bellman, (202) 824-7183, mbellman@aga.org

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

ANS (American Nuclear Society)**Reaffirmation**

BSR/ANS 2.15-2013 (R201x), Criteria for Modeling and Calculating Atmospheric Dispersion of Routine Radiological Releases from Nuclear Facilities (reaffirmation of ANSI/ANS 2.15-2013)

This Standard establishes criteria for use of meteorological data collected at nuclear facilities to evaluate the atmospheric effects on routine radioactive releases, inclusive of dilution, dispersion, plume rise, plume meander, aerodynamic effects of buildings, dry deposition, and wet deposition (e.g., precipitation scavenging).

Single copy price: \$188.00

Obtain an electronic copy from: scook@ans.org

Order from: scook@ans.org

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

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

BSR/ASABE AD17225-4-201x MONYEAR, Solid biofuels - Fuel specifications and classes - Part 4: Graded wood chips (national adoption with modifications of ISO 17225-4:2014)

This part of ISO 17225 determines the fuel quality classes and specifications of graded wood chips. This part of ISO 17225 covers only wood chips produced from the following raw materials: (1) Forest, plantation and other virgin wood, (2) Byproducts and residue from wood processing industry, and (3) Chemically untreated used wood.

Single copy price: \$61.00

Obtain an electronic copy from: walsh@asabe.org

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

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

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

BSR X9.129-201x, Electronic File Format Standards for Presentment and Remittance of Legal Orders (revision of ANSI X9.129-2016)

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

Single copy price: \$100.00

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

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

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

BSR/ASHRAE Addendum be to BSR/ASHRAE Standard 135-201x, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2016)

This addendum adds lighting specific BIBBs and device profiles.

Single copy price: \$35.00

Obtain an electronic copy from: <http://www.ashrae.org/standards-research--technology/public-review-drafts>

Order from: standards.section@ashrae.org

Send comments (with copy to psa@ansi.org) to: <http://www.ashrae.org/standards-research--technology/public-review-drafts>

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

BSR/ASHRAE Addendum bn to BSR/ASHRAE Standard 135-201x, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2016)

This addendum makes SCHED BIBBs consistent on supported datatypes and adds BOOLEAN; clarifies COV and COVP related BIBBs; and ensures Clock is required for support of AE-ACK-A.

Single copy price: \$35.00

Obtain an electronic copy from: <http://www.ashrae.org/standards-research--technology/public-review-drafts>

Order from: standards.section@ashrae.org

Send comments (with copy to psa@ansi.org) to: <http://www.ashrae.org/standards-research--technology/public-review-drafts>

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

BSR/ASHRAE Addendum bq to BSR/ASHRAE Standard 135-201x, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2016)

This addendum Adds Lockout enumeration to the Authentication_Status of the Access Point object; Fixes the Absentee_Limit property of the Access Credential object type; Specifies authentication status when authorization modes is NONE; and Ensures that the denied or granted access event is generated last.

Single copy price: \$35.00

Obtain an electronic copy from: <http://www.ashrae.org/standards-research--technology/public-review-drafts>

Order from: standards.section@ashrae.org

Send comments (with copy to psa@ansi.org) to: <http://www.ashrae.org/standards-research--technology/public-review-drafts>

ATIS (Alliance for Telecommunications Industry Solutions)

Stabilized Maintenance

BSR/ATIS 0300221-1995 (S201x), Uniform Language for Accessing Power Plants - Human-Machine Language (stabilized maintenance of ANSI/ATIS 0300221-1995 (S2015))

A standard for a command language that permits a uniform method of communicating with power systems in a telecommunications environment. This standard specifically addresses command language elements necessary for human-to-machine communication with systems that monitor and control power equipment. This standard is applicable to the design of power system monitoring and control systems.

Single copy price: \$220.00

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

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

ECIA (Electronic Components Industry Association)

Revision

BSR/EIA 364-09D-201x, Durability Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364-09C-1999 (R2012))

This standard establishes a method to determine the effects caused by subjecting electrical connectors or contacts to the conditioning action of mating and unmating, simulating the expected life of the connectors.

Single copy price: \$82.00

Obtain an electronic copy from: <https://global.ihs.com/>

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

Send comments (with copy to psa@ansi.org) to: Ed Mikoski, emikoski@ecianow.org

EOS/ESD (ESD Association, Inc.)

New Standard

BSR/ESD SP5.4.1-201x, ESD Association Standard Practice for Latch-up Sensitivity Testing of CMOS/BiCMOS Integrated Circuits - Transient Latch-up Testing - Device Level (new standard)

This document defines procedures to characterize the latch-up sensitivity of integrated circuits triggered by fast transients.

Single copy price: \$105.00 (List)/\$75.00 (ESD Members) [Hardcover]; SC: \$130.00 (List)/\$100.00 (ESD Members) [Softcover]

Obtain an electronic copy from: cearl@esda.org

Order from: Christina Earl, (315) 339-6937, cearl@esda.org

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

HPS (ASC N43) (Health Physics Society)

Reaffirmation

BSR N43.3-2008 (R201x), General Radiation Safety - Installations Using Non-Medical X-ray and Sealed Gamma-Ray Sources, Energies Up to 10 MeV (reaffirmation of ANSI N43.3-2008)

This standard establishes guidance for the design and use of installations that use x-ray-generating devices and sealed gamma-ray sources of energies up to 10 MeV for non-medical purposes. Devices that produce photon radiation within this energy range that are merely incidental to use are not included within the scope. The standard's main objectives are to keep the exposure of persons to radiation to levels as low as reasonably achievable (ALARA) and to ensure that no one receives a dose equivalent greater than the maximum permissible dose equivalent.

Single copy price: \$50.00

Obtain an electronic copy from: nanjohns@verizon.net

Order from: Nancy Johnson, (703) 790-1745, nanjohns@verizon.net

Send comments (with copy to psa@ansi.org) to: nanjohns@verizon.net

ICC (International Code Council)

Revision

BSR/ICC 300-201x, ICC Standard on Bleachers, Folding and Telescopic Seating, and Grandstands (revision of ANSI/ICC 300-2012)

The purpose of the effort is the development of appropriate, reasonable, and enforceable model health and safety provisions for new and existing installations of all types of bleachers and bleacher-type seating, including fixed and folding bleachers for indoor, outdoor, temporary, and permanent installations. Such provisions would serve as a model for adoption and use by enforcement agencies at all levels of government in the interest of national uniformity.

Single copy price: Free

Obtain an electronic copy from: <https://www.iccsafe.org/codes-tech-support/standards/is-ble/>

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

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

IEEE (ASC N42) (Institute of Electrical and Electronics Engineers)

Revision

BSR N42.54-201x, Draft Standard for Instrumentation and Systems for Monitoring Airborne Radioactivity (revision and partition of ANSI N42.18 -2004, ANSI N42.17B, ANSI N42.18, ANSI N42.30, and ANSI N323C)

This standard encompasses monitoring all types of airborne radioactivity including aerosols, noble gases, iodines, and tritium in the workplace; in effluent; and in the environment. This standard includes initial design, manufacture, minimum performance, performance testing, calibration, and maintenance requirements. It covers both real-time monitors and air samplers.

Single copy price: N/A

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

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

NASBLA (National Association of State Boating Law Administrators)

Supplement

BSR/NASBLA 103.1 Supplement-201x, Basic Boating Knowledge - Water-Jet Propelled (supplement to ANSI/NASBLA 103-2016)

This supplement applies to basic boating knowledge education and proficiency assessment in the U.S. Territories and the District of Columbia. This document provides optional, supplementary content for ANSI/NASBLA 103-2016, Basic Boating Knowledge - Power, to address recreational water-jet propelled knowledge with a primary focus on safety and mitigation of risks associated with recreational boating. It contains basic knowledge elements that a beginner (entry-level) operator should have in order to safely operate a water-jet propelled watercraft.

Single copy price: Free

Obtain an electronic copy from: pam@nasbla.org

Order from: Pamela Dillon, (859) 225-9487, pam@nasbla.org

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

NEMA (ASC C78) (National Electrical Manufacturers Association)

Stabilized Maintenance

BSR C78.22-1995 (S201x), Standard for Electric Lamps - A, G, PS, and similar shapes with E39 mogul screw bases (stabilized maintenance of ANSI C78.22-1995 (R2011))

This standard sets forth the physical and electrical characteristics of the group of incandescent lamps that have A, G, PS, and similar bulb shapes with E39 mogul screw (single- or double-contact) bases. Only clear, inside frost, and white bulb finishes are acknowledged. Excluded from coverage are tungsten-halogen lamps and projection 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 C78) (National Electrical Manufacturers Association)

Stabilized Maintenance

BSR C78.23-1995 (S201x), Incandescent Lamps - Miscellaneous Types (stabilized maintenance of ANSI C78.23-1995 (R2011))

This standard sets forth the physical and electrical characteristics of the group of incandescent lamps that have C, S, T, or similar bulb shapes which are not covered in American National Standards ANSI C78.20-1989 and ANSI C78.22-1989. Only clear and inside frost bulb finishes are acknowledged. Excluded from coverage are tungsten-halogen lamps and projection lamps.

Single copy price: \$150.00

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)

Stabilized Maintenance

BSR C78.260-2002 (S201x), Electric Lamps - Tubular Tungsten-Halogen Lamps - Physical Characteristics (stabilized maintenance of ANSI C78.260-2002 (R2011))

This standard covers the dimensional limits and other physical characteristics required to assure the interchangeability and proper application of tubular tungsten-halogen lamps.

Single copy price: \$150.00

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)

Stabilized Maintenance

BSR C78.261-1997 (S201x), Specification for Tubular Incandescent Infrared Lamps (stabilized maintenance of ANSI C78.261-1997 (R2011))

This standard covers specifications for tubular incandescent infrared lamps.

Single copy price: \$50.00

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)

Stabilized Maintenance

BSR C78.370-1997 (S201x), Standard for Electric Lamps - Method of Designation for Electric Lamps - Photographic, Stage and Studio (stabilized maintenance of ANSI C78.370-1997 (R2011))

This standard describes a system for the designation of photographic, stage, and studio lamps. A form is provided for the use of lamp manufacturers to request a designation assignment, alternative, or change.

Single copy price: \$200.00

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)

Stabilized Maintenance

BSR C78.1402-2004 (S201x), Standard for Electric Lamps - Dimensions for Projection Lamps G17q and GX17q Based Four-Pin, Prefocus, for Base-Down Operation (stabilized maintenance of ANSI C78.1402-2004 (R2011))

This standard establishes the dimensions essential to the interchangeability of four-pin, prefocus projection lamps for base-down operation of T10 and T12 bulb sizes. It is not the intent of this standard to prescribe operating characteristics or details of design. This standard does not apply to internal condensing reflector-type lamps not requiring external optical systems.

Single copy price: \$50.00

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)**Stabilized Maintenance**

BSR C78.1403-1997 (S201x), Standard for Electric Lamps - Tungsten Halogen Lamps with 6.35, GX6.35 and GY6.35 Bases (stabilized maintenance of ANSI C78.1403-1997 (R2011))

This standard defines the dimensional limits and other physical characteristics required to ensure the interchangeability and to assist in the proper application of a specific category of lamps. This category is tungsten-halogen lamps with G6.35, GX6.35, and GY6.35 two-pin bases and 27.0 to 40.0 mm nominal light center length.

Single copy price: \$60.00

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)**Stabilized Maintenance**

BSR C78.1420-2001 (S201x), Standard for Electric Lamps - Microfilm Projection Lamps Two-Inch (51mm) Dichroic Coated Integral Reflector, Rim Reference, Tungsten Halogen Lamps with GX5.3 Bases (stabilized maintenance of ANSI C78.1420-2001 (R2011))

This standard consolidates the lamps commonly used for microfilm projectors into a single performance standard. The lamps contained in this standard are not to be considered as interchangeable, although physically they will all fit the common GX5.3 sockets. The photometry of each lamp is dependent upon the system for which it was designed and on the system in which it is used. Representative photometric values are found in Table 2 with typical projection systems found in Annex A.

Single copy price: \$90.00

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)**Stabilized Maintenance**

BSR C78.1450-1983 (S201x), Standard for Electric Lamps - Projection Lamps, Incandescent, Method for Life Testing (stabilized maintenance of ANSI C78.1450-1983 (R2011))

This standard describes a method for life testing Incandescent projection lamps. It also defines associated terms and describes a method of evaluating acceptability.

Single copy price: \$50.00

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)**Stabilized Maintenance**

BSR C78.1451-2002 (S201x), Standard for Electric Lamps - Use of Protective Shields with Tungsten-Halogen Lamps - Cautionary Notice (stabilized maintenance of ANSI C78.1451-2002 (R2011))

This standard shows a cautionary notice applying to the use of protective shields with tungsten-halogen (T-H) lamps for which the lamp manufacturer requires shielding against shattering and ultraviolet (UV). Equivalent wording may be used.

Single copy price: \$50.00

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)**Withdrawal**

ANSI C78.379a-1997 (R2011), Standard for Electric Lamps: MR and PAR Beam Designation and Tolerance (withdrawal of ANSI C78.379a-1997 (R2011))

This standard is intended to cover MR and PAR Beam Designation and Tolerance.

Single copy price: \$50.00

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

NFSI (National Floor Safety Institute)**Revision**

BSR/NFSI B101.3-201x, Test Method for Measuring the Wet DCOF of Hard Surface Walkways (revision of ANSI/NFSI B101.3-2012)

This test method specifies the procedures and devices used for both laboratory and field testing to measure the wet dynamic coefficient of friction (DCOF) of hard-surface walkways.

Single copy price: \$59.95

Obtain an electronic copy from: Laura Cooper, laurac@nfsi.org

Order from: Russell Kendzior, (817) 749-1700, russk@nfsi.org

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

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

BSR/SCTE 241-201x, Key Performance Metrics: Energy Efficiency & Functional Density of Wi-Fi Infrastructure Equipment (new standard)

This document is the next in a series providing the cable operator with a standard reference to determine how well a piece of equipment performs in terms of minimizing the power required to do its particular job. In addition, this standard provides the means to quantify the amount of useful work the equipment provides per physical space. This part of the series focuses on Wi-Fi equipment serving the cable industry including Wi-Fi Controllers, Access Points, and Gateway Servers.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

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

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

BSR/SCTE 23-1-201x, DOCSIS 1.1 Part 1: Radio Frequency Interface (revision of ANSI/SCTE 23-1-2010)

This document defines the radio-frequency interface specifications for high-speed data-over-cable systems. They were developed for the benefit of the cable industry, including contributions by operators and vendors from North America, Europe, and other regions.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

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

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

BSR/SCTE 23-3-201x, DOCSIS 1.1 Part 3: Operations Support System Interface (revision of ANSI/SCTE 23-3-2010)

This standard defines the Network Management requirements for support a DOCSIS® 1.1 environment. More specifically, the specification details the SNMP v3 protocol and how it coexists with SNMP V1/V2. The RFCs and Management Information Base (MIB) requirements are detailed as well as interface numbering, filtering, event notifications, etc. Basic network management principals such as account, configuration, fault, and performance management are incorporated in this specification for better understanding of managing a high-speed cable modem environment.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

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

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

BSR/SCTE 85-1-201x, HMS HE Optics Management Information Base (MIB) Part 1: SCTE-HMS-HE-OPTICAL TRANSMITTER-MIB (revision of ANSI/SCTE 85-1-2009)

The MIB module is for representing general information about optical equipment present in the headend (or indoor) and is supported by an SNMP agent.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

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

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

BSR/SCTE 85-2-201x, HMS HE Optics Management Information Base (MIB) Part 2: SCTE-HMS-HE-OPTICAL RECEIVER-MIB (revision of ANSI/SCTE 85-2-2009)

The MIB module is for representing general information about optical equipment present in the headend (or indoor) and is supported by an SNMP agent.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

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

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

BSR/SCTE 85-3-201x, HMS Inside Plant Management Information Base (MIB) SCTE-HMS-HE-OPTICAL-AMPLIFIER-MIB (revision of ANSI/SCTE 85-3-2009)

This document provides MIB definitions for HMS optical amplifiers present in the headend (or indoor) and supported by a SNMP agent.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

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

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

BSR/SCTE 85-4-201x, HMS Common Inside Plant Management Information Base (MIB) SCTE-HMS-HE-OPTICAL-SWITCH-MIB (revision of ANSI/SCTE 85-4-2009)

This document provides MIB definitions for HMS optical switch equipment present in the headend (or indoor) and is supported by a SNMP agent.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

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

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

BSR/SCTE 94-1-201x, HMS Common Inside Plant Management Information Base (MIB) SCTE-HMS-HE-RF-AMP-MIB (revision of ANSI/SCTE 94-1-2009)

This document provides MIB definitions for HMS RF amplifier equipment present in the headend (or indoor) and is supported by a SNMP agent.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

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

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

BSR/SCTE 94-2-201x, HMS Common Inside Plant Management Information Base (MIB) SCTE-HMS-HE-RF-SWITCH-MIB (revision of ANSI/SCTE 94-2-2009)

This document provides MIB definitions for HMS RF switch equipment present in the headend (or indoor) and is supported by a SNMP agent.

Single copy price: \$50.00

Obtain an electronic copy from: standards@scte.org

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

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

TIA (Telecommunications Industry Association)**Addenda**

BSR/TIA 568.1-D-1-201x, Commercial Building Telecommunications Infrastructure Standard, Addendum 1: Updated References, Accommodation of New Media Types (addenda to ANSI/TIA 568.1-D-2015)

This Addendum updates references and accommodates new media types introduced by ANSI/TIA-568-C.2-1 and ANSI/TIA-568.3-D.

Obtain an electronic copy from: standards@tiaonline.org

Order from: standards@tiaonline.org

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

TIA (Telecommunications Industry Association)**Revision**

BSR/TIA 470.110-E-201x, Telecommunications - Telephone Terminal Equipment - Transmission Requirements for Analog Telephones with Handsets (revision and redesignation of ANSI/TIA 470.110-D-2014)

Revision to include changing document structure, establishing nominal volume control for all test loops, adding receive output level tests, and retaining SLR and RLR as a normative annex with reference in main text that allows it to be used. (5) Change frequency response from ERP to Free field; Add 2.7km loop SDNR testing. (7) Address 0km 25-35ma testing for ATA usage; Add reference to TIA-5047 in an informative annex; Update references.

Single copy price: \$61.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: TIA; standards@tiaonline.org

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

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

BSR/UL 109-2009 (R201x), Standard for Safety for Tube Fittings for Flammable and Combustible Fluids, Refrigeration Service, and Marine Use (reaffirmation of ANSI/UL 109-2009 (R2013))

This standard covers fittings to be used in tubing carrying: (a) Fuel gases such as acetylene, liquefied petroleum gas (LP-gas), manufactured and natural fuel gases, and other liquefied and non-liquefied flammable gases that are stable because of their composition or because of the conditions of storage; (b) Refrigerants; (c) Gasoline or gasohol; (d) Diesel fuel; and (e) Heating fuel oils. For marine use and refrigeration service.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Jeff Prusko, (847) 664-3416, jeffrey.prusko@ul.com

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

BSR/UL 331-2013 (R201x), Standard for Safety for Strainers for Flammable Fluids and Anhydrous Ammonia (reaffirmation of ANSI/UL 331-2013)

This standard covers complete, self-contained strainer or filter assemblies intended for use with designated flammable fluids and anhydrous ammonia (fertilizer grade) in residential and commercial fuel-burning, dispensing, and handling facilities. Although these devices are designated strainers, they may be either strainers or filters according to the common terminology of the industry.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Jeff Prusko, (847) 664-3416, jeffrey.prusko@ul.com

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

BSR/UL 343-2013 (R201x), Standard for Safety for Pumps for Oil-Burning Appliances (reaffirmation of ANSI/UL 343-2013)

This standard covers pumps that are intended to be used as part of oil-burning appliances or installed in fuel-oil piping systems serving such equipment. Oil-burning appliance pumps may be either automatic or power-operated.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Jeff Prusko, (847) 664-3416, jeffrey.prusko@ul.com

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

BSR/UL 407-2004 (R201x), Standard for Safety for Manifolds for Compressed Gases (reaffirmation of ANSI/UL 407-2004 (R2013))

This standard covers equipment for manifolding high-pressure gas cylinders to supply gas for various industrial and commercial applications. Cylinders are manifolded for the purpose of centralizing the gas supply, to provide a continuous supply of gas, or to provide gas at a rate in excess of that which may be obtained from a single cylinder.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Jeff Prusko, (847) 664-3416, jeffrey.prusko@ul.com

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

BSR/UL 565-2013 (R201x), Standard for Safety for Liquid-Level Gauges for Anhydrous Ammonia and LP-Gas (reaffirmation of ANSI/UL 565-2013)

This standard covers liquid-level gauges for anhydrous ammonia and liquefied petroleum gas (LP-Gas) for use with pressure vessels in nonrefrigerated systems in installations covered by the following American National Standards and others: (a) Compressed Gas Association, CGA G -2.1; (b) Liquefied Petroleum Gas Code, NFPA 58; (c) Storage and Handling of Liquefied Petroleum Gases at Utility Plants, ANSI/NFPA 59. Also, designs of gauges that require the release of liquid or gas phases of the contained fluid in order to function and gauges that do not require the release of liquid or gas phases of the contained fluid to function.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Jeff Prusko, (847) 664-3416, jeffrey.prusko@ul.com

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

BSR/UL 586-201x, Standard for Safety for High-Efficiency, Particulate, Air Filters (revision of ANSI/UL 586-2009 (R2014))

This proposal includes: (1) Revision to replace trade name references with chemical name; (2) Clarification of testing procedures for the Heated Air Test and Spot Flame Test.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

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

BSR/UL 1691-201X, Standard for Safety for Single Pole Locking-Type Separable Connectors (revision of ANSI/UL 1691-2014)

(1) Revision to Series 15 and 16 configuration drawings; (2) Addition of Temperature Test set-up requirements; (3) Revised Temperature Test to address all devices.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

Comment Deadline: December 8, 2017**NFPA FIRE PROTECTION STANDARDS DOCUMENTATION**

The National Fire Protection Association announces the availability of NFPA First Draft Report for concurrent review and comment by NFPA and ANSI in this issue of Standards Action.

The First Draft Report for NFPA 350 in the 2019 Fall Revision Cycle has been posted on the document's specific URL site. The First Draft Reports contain the disposition of public input received for this proposed document. Anyone wishing to review the First Draft Report for this document may do so on the document's information page under the next edition tab, for example (www.nfpa.org/350next). All comments on the 2019 Fall Revision Cycle First Draft Report for NFPA 350 must be received by December 8, 2017.

The disposition of all comments received on the First Draft Reports will be published in the Second Draft Report, which will also be located on the document's information page under the next edition tab. For more information on the rules and for up-to-date information on schedules and deadlines for processing NFPA Documents, check the NFPA website (<http://www.nfpa.org>) or contact NFPA's Codes and Standards Administration. Those who sent comments to NFPA (Contact Codes and Standards Administration, NFPA, One Batterymarch Park, Quincy, MA 02269-7471) on the related standards are invited to copy ANSI's Board of Standards Review.

NFPA (National Fire Protection Association)**Revision**

BSR/NFPA 350-201x, Guide for Safe Confined Space Entry and Work (revision of ANSI/NFPA 350-2015)

This guide is intended to protect workers who enter into confined spaces for inspection or testing or to perform associated work from death and from life-threatening and other injuries or illnesses and to protect facilities, equipment, non-confined space personnel, and the public from injuries associated with confined space incidents.

Comment Deadline: December 12, 2017

NFPA FIRE PROTECTION STANDARDS DOCUMENTATION

The National Fire Protection Association announces the availability of NFPA First Draft Report for concurrent review and comment by NFPA and ANSI in this issue of Standards Action.

The First Draft Report for NFPA 59A in the 2018 Fall Revision Cycle has been posted on the document's specific URL site. The First Draft Report contain the disposition of public input received for NFPA 59A. Anyone wishing to review the First Draft Report for this document may do so on the document's information page under the next edition tab, for example (www.nfpa.org/59Anext). All comments on the 2018 Fall Revision Cycle First Draft Report for NFPA 59A must be received by December 12, 2017.

The disposition of all comments received on the First Draft Report will be published in the Second Draft Report, which will also be located on the document's information page under the next edition tab. For more information on the rules and for up-to-date information on schedules and deadlines for processing NFPA Documents, check the NFPA website (<http://www.nfpa.org>) or contact NFPA's Codes and Standards Administration. Those who sent comments to NFPA (Contact Codes and Standards Administration, NFPA, One Batterymarch Park, Quincy, MA 02269-7471) on the related standards are invited to copy ANSI's Board of Standards Review.

NFPA (National Fire Protection Association)

Revision

BSR/NFPA 59A-201x, Standard for the Production, Storage, and Handling of Liquefied Natural Gas (LNG) (revision of ANSI/NFPA 59A-2015)

This standard shall apply to the following: (1) Facilities that liquefy natural gas; (2) Facilities that store, vaporize, transfer, and handle liquefied natural gas (LNG); (3) The training of all personnel involved with LNG; and (4) The design, location, construction, maintenance, and operation of all LNG facilities. This standard shall not apply to the following: (1) Frozen ground containers; (2) Portable storage containers stored or used in buildings; and (3) All LNG vehicular applications, including fueling of LNG vehicles.

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.

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

INCITS/ISO/IEC TR 20004:2015 [201x], Information technology - Security techniques - Refining software vulnerability analysis under ISO/IEC 15408 and ISO/IEC 18045 (technical report)

Refines the AVA_VAN assurance family activities defined in ISO/IEC 18045 and provides more specific guidance on the identification, selection, and assessment of relevant potential vulnerabilities in order to conduct an ISO/IEC 15408 evaluation of a software target of evaluation. This Technical Report leverages publicly available information security resources to support the method of scoping and implementing ISO/IEC 18045 vulnerability analysis activities. The Technical Report currently uses the common weakness enumeration (CWE) and the common attack pattern enumeration and classification (CAPEC), but does not preclude the use of any other appropriate resources. Furthermore, this Technical Report is not meant to address all possible vulnerability analysis methods, including those that fall outside the scope of the activities outlined in ISO/IEC 18045. ISO/IEC TR 20004:2015 does not define evaluator actions for certain high assurance ISO/IEC 15408 components, where there is as yet no generally agreed guidance.

Single copy price: \$60.00

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

Send comments (with copy to psa@ansi.org) to: INCITS Secretariat, (202) 737-8888, comments@standards.incits.org

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

INCITS/ISO/IEC TS 30104:2015 [201x], Information Technology - Security Techniques - Physical Security Attacks, Mitigation Techniques and Security Requirements (technical report)

Physical security mechanisms are employed by cryptographic modules where the protection of the modules sensitive security parameters is desired. ISO/IEC TS 30104:2015 addresses how security assurance can be stated for products where the risk of the security environment requires the support of such mechanisms. This Technical Specification addresses the following topics: a survey of physical security attacks directed against different types of hardware embodiments including a description of known physical attacks, ranging from simple attacks that require minimal skill or resources, to complex attacks that require trained, technical people and considerable resources; guidance on the principles, best practices and techniques for the design of tamper protection mechanisms and methods for the mitigation of those attacks; and guidance on the evaluation or testing of hardware tamper protection mechanisms and references to current standards and test programs that address hardware tamper evaluation and testing.

Single copy price: \$60.00

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

Send comments (with copy to psa@ansi.org) to: INCITS Secretariat, (202) 737-8888, comments@standards.incits.org

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

INCITS/ISO/TS 19115-3:2016 [201x], Geographic information - Metadata - Part 3: XML schema implementation for fundamental concepts (technical report)

Defines an integrated XML implementation of ISO 19115-1, ISO 19115-2, and concepts from ISO/TS 19139 by defining the following artefacts: (a) a set of XML schema required to validate metadata instance documents conforming to conceptual model elements defined in ISO 19115-1, ISO 19115-2, and ISO/TS 19139; (b) a set of ISO/IEC 19757-3 (Schematron) rules that implement validation constraints in the ISO 19115-1 and ISO 19115-2 UML models that are not validated by the XML schema; (c) an Extensible Stylesheet Language Transformation (XSLT) for transforming ISO 19115-1 metadata encoded using the ISO/TS 19139 XML schema and ISO 19115-2 metadata encoded using the ISO/TS 19139-2 XML schema into an equivalent document that is valid against the XML schema defined in this document.

Single copy price: \$60.00

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

Send comments (with copy to psa@ansi.org) to: INCITS Secretariat, (202) 737-8888, comments@standards.incits.org

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

INCITS/ISO/TS 19135-2:2012 [201x], Geographic information - Procedures for item registration - Part 2: XML schema implementation (technical report)

Defines Geographic ReGister XML (grg) encoding, an XML schema implementation derived from ISO 19135.

Single copy price: \$60.00

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

Send comments (with copy to psa@ansi.org) to: INCITS Secretariat, (202) 737-8888, comments@standards.incits.org

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

INCITS/ISO/TS 19139-2:2012 [201x], Geographic information - Metadata - XML schema implementation - Part 2: Extensions for imagery and gridded data (technical report)

Defines Geographic Metadata for imagery and gridded data (gmi) encoding. This is an XML Schema implementation derived from ISO 19115-2.

Single copy price: \$60.00

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

Send comments (with copy to psa@ansi.org) to: INCITS Secretariat, (202) 737-8888, comments@standards.incits.org

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

INCITS/ISO/TS 19150-1:2012 [201x], Geographic information - Ontology - Part 1: Framework (technical report)

Defines the framework for semantic interoperability of geographic information. This framework defines a high-level model of the components required to handle semantics in the ISO geographic information standards with the use of ontologies.

Single copy price: \$60.00

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

Send comments (with copy to psa@ansi.org) to: INCITS Secretariat, (202) 737-8888, comments@standards.incits.org

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

INCITS/ISO/TS 19157-2:2016 [201x], Geographic information - Data quality - Part 2: XML schema implementation (technical report)

Defines data quality encoding in XML. It is an XML schema implementation derived from ISO 19157:2013 and the data-quality-related concepts from ISO 19115-2.

Single copy price: \$60.00

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

Send comments (with copy to psa@ansi.org) to: INCITS Secretariat, (202) 737-8888, comments@standards.incits.org

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

INCITS/ISO/TS 19159-2:2016 [201x], Geographic information - Calibration and validation of remote sensing imagery sensors and data - Part 2: Lidar (technical report)

Defines the data capture method, the relationships between the coordinate reference systems and their parameters, as well as the calibration of airborne lidar (light detection and ranging) sensors. Also standardizes the service metadata for the data capture method, the relationships between the coordinate reference systems and their parameters, and the calibration procedures of airborne lidar systems as well as the associated data types and code lists that have not been defined in other ISO geographic information international standards.

Single copy price: \$60.00

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

Send comments (with copy to psa@ansi.org) to: INCITS Secretariat, (202) 737-8888, comments@standards.incits.org

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

INCITS/ISO/TS 19163-1:2016 [201x], Geographic information - Content components and encoding rules for imagery and gridded data - Part 1: Content model (technical report)

Classifies imagery and regularly spaced gridded thematic data into types based on attribute property, sensor type, and spatial property, and defines an encoding-neutral content model for the required components for each type of data. It also specifies logical data structures and the rules for encoding the content components in the structures. The binding between the content and a specific encoding format will be defined in the subsequent parts of ISO 19163.

Single copy price: \$60.00

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

Send comments (with copy to psa@ansi.org) to: INCITS Secretariat, (202) 737-8888, comments@standards.incits.org

Withdrawal of Technical Reports Registered with ANSI

Withdrawal of a Technical Report that is registered with ANSI is determined by the responsible ANSI-Accredited Standards Developer. The following Technical Reports are hereby withdrawn in accordance with the Developers own procedures.

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

INCITS/ISO TS 19104:2008 [2015], Geographic information Terminology

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:

RESNET (Residential Energy Services Network, Inc.)

BSR/RESNET/ICC 305-201x, Standard for the Calculation and Labeling of the Energy Performance of Multi-Family Dwellings using an Energy Rating Index (new standard)

Inquiries may be directed to Richard Dixon, (760) 408-5860, rick.dixon@resnet.us

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.

HFES (Human Factors & Ergonomics Society)

ANSI/HFES 200-2008, Human Factors Engineering of Software User Interfaces

Questions may be directed to: Lynn Strother, (310) 394-1811, lynn@hfes.org; paul.s.reed@worldnet.att.net

Correction

Withdrawal of Topic

BSR/UL 858-201x

Due to unforeseen circumstances, Underwriters Laboratories Inc. has decided to pull topic "(1) New and Revised Requirements to Address Range Stability" from the Call-for-Comment notice of BSR/UL 858-201x.

The remaining two topics: "(2) New Surface Temperature Measurement Procedures" and "(3) Requirements for Commercial Oven Cleaners for Use in Self-Cleaning Electric Ovens" are still open to public review and comment until November 27, 2017. BSR/UL 858-201x was listed in the Call-for-Comments section of the October 13th issue of Standards Action.

Comments may be directed to: Amy Walker, (847) 664-2023, Amy.K.Walker@ul.com.

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.

AGA (ASC B109) (American Gas Association)

Office: 400 North Capitol Street, NW
Washington, DC 20001

Contact: Michael Stablein

Phone: (202) 824-7058

E-mail: mstablein@aga.org

BSR B109.3-201x, Rotary-Type Gas Displacement Meters (revision of ANSI B109.3-2000 (R2008))

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

Office: 1791 Tullie Circle NE
Atlanta, GA 30329

Contact: Tanisha Meyers-Lisle

Phone: (678) 539-1111

Fax: (678) 539-2111

E-mail: tmlisle@ashrae.org

BSR/ASHRAE Standard 105-201X, Standard Methods of Determining, Expressing and Comparing Building Energy Performance and Greenhouse Gas Emissions (revision of ANSI/ASHRAE Standard 105-2014)

ASSE (Safety) (American Society of Safety Engineers)

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

Contact: Tim Fisher

Phone: (847) 768-3411

Fax: (847) 296-9221

E-mail: TFisher@ASSE.org

BSR/ASSE Z10-201X, Occupational Health and Safety Management Systems (revision of ANSI/ASSE Z10-2012 (R2017))

BICSI (Building Industry Consulting Service International)

Office: 8610 Hidden River Parkway
Tampa, FL 33637

Contact: Jeff Silveira

Phone: (813) 903-4712

Fax: (813) 971-4311

E-mail: jsilveira@bicsi.org

BSR/BICSI 003-201x, Building Information Modeling (BIM) Practices for Information Communication Technology Systems (revision of ANSI/BICSI 003-2014)

ECIA (Electronic Components Industry Association)

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

Contact: Laura Donohoe

Phone: (571) 323-0294

Fax: (571) 323-0245

E-mail: ldonohoe@ecianow.org

BSR/EIA 364-09D-201x, Durability Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364-09C-1999 (R2012))

BSR/EIA 978-201x, Hardware and Software Systems Failure Modes and Effects Analysis (new standard)

NASBLA (National Association of State Boating Law Administrators)

Office: 1648 McGrathiana Parkway
Suite 360
Lexington, KY 40511

Contact: Pamela Dillon

Phone: (859) 225-9487

E-mail: pam@nasbla.org

BSR/NASBLA 103.1 Supplement-201x, Basic Boating Knowledge - Water-Jet Propelled (supplement to ANSI/NASBLA 103-2016)

NEMA (ASC W1) (National Electrical Manufacturers Association)

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

Contact: Khaled Masri

Phone: (703) 841-3278

Fax: (703) 841-3367

E-mail: khaled.masri@nema.org

BSR/IEC 60974-1-201x, Arc Welding Equipment - Part 1: Welding Power Sources (revision of ANSI/IEC 60974-1-2008)

BSR/IEC 60974-6-201x, Arc Welding Equipment Part 6: Limited duty equipment (identical national adoption of IEC 60974-6:2015)

NFPA (National Fire Protection Association)

Office: 1 Batterymarch Park
Quincy, MA 02169

Contact: Dawn Michele Bellis

Phone: (617) 984-7246

E-mail: dbellis@nfpa.org

BSR/NFPA 59A-201x, Standard for the Production, Storage, and Handling of Liquefied Natural Gas (LNG) (revision of ANSI/NFPA 59A-2015)

BSR/NFPA 350-201x, Guide for Safe Confined Space Entry and Work (revision of ANSI/NFPA 350-2015)

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 470.110-E-201x, Telecommunications - Telephone Terminal Equipment - Transmission Requirements for Analog Telephones with Handsets (revision and redesignation of ANSI/TIA 470.110-D-2014)

BSR/TIA 568.1-D-1-201x, Commercial Building Telecommunications Infrastructure Standard, Addendum 1: Updated References, Accommodation of New Media Types (addenda to ANSI/TIA 568.1-D-2015)

UL (Underwriters Laboratories, Inc.)

Office: 333 Pfingsten Road
Northbrook, IL 60062-2096

Contact: Jeff Prusko

Phone: (847) 664-3416

Fax: (847) 313-3416

E-mail: jeffrey.prusko@ul.com

BSR/UL 331-2013 (R201x), Standard for Safety for Strainers for Flammable Fluids and Anhydrous Ammonia (reaffirmation of ANSI/UL 331-2013)

Call for Members (ANS Consensus Bodies)

Call for Committee Members

ASC O1 – Safety Requirements for Woodworking Machinery

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

- General Interest
- Government
- Producer
- User

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

Final Actions on American National Standards

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

ASC X9 (Accredited Standards Committee X9, Incorporated)

New Standard

ANSI X9.24-3-2017, Retail Financial Services Symmetric Key Management - Part 3: Derived Unique Key per Transaction (new standard): 10/11/2017

Reaffirmation

ANSI X9.100-40-1, X9.100-40-2-2006 (R2017), Specifications for Check Image Tests - Part 1: Definition of Elements and Structures - Part 2: Application and Registration Procedures (reaffirmation of ANSI X9.100-40-1, X9.100-40-2-2006): 10/11/2017

ASME (American Society of Mechanical Engineers)

Reaffirmation

ANSI/ASME B89.1.6-2002 (R2017), Measurement of Plain Internal Diameter for Use as Master Ring or Ring Gauges (reaffirmation of ANSI/ASME B89.1.6-2002 (R2012)): 10/11/2017

Revision

ANSI/ASME B16.20-2017, Metallic Gaskets for Pipe Flanges (revision of ANSI/ASME B16.20-2012): 10/11/2017

ASPE (American Society of Plumbing Engineers)

Revision

ANSI/WQA/ASPE/NSF S-802-2017, Sustainable Media Products for Water Treatment (revision of ANSI/WQA/ASPE/NSF S-802-2014): 10/11/2017

AWWA (American Water Works Association)

Revision

ANSI/AWWA B301-2017, Liquid Chlorine (revision of ANSI/AWWA B301-2010): 10/11/2017

BICSI (Building Industry Consulting Service International)

New Standard

ANSI/BICSI N2-2017, Practices for the Installation of Telecommunications and ICT Cabling Intended to Support Remote Power Applications (new standard): 10/11/2017

CPLSO

New Standard

ANSI/CPLSO-17-2017, Electrical Characteristics of ECDs and CEWs. (new standard): 10/11/2017

CSA (CSA Group)

Revision

- * ANSI Z83.19-2017, Standard for Gas-Fired High Intensity Infrared Heaters (same as CSA 2.35) (revision of ANSI Z83.19-2009 (R2014)): 10/11/2017

ECIA (Electronic Components Industry Association)

New National Adoption

ANSI/EIA 60384-2017, Fixed capacitors for use in electronic equipment - Part 4: Sectional Specification - Fixed Aluminum electrolytic capacitors with solid (MnO₂) and non-solid electrolyte (identical national adoption of IEC 60384-4:2016 and revision of ANSI/EIA 60384-4-2014): 10/11/2017

ESTA (Entertainment Services and Technology Association)

New Standard

ANSI E1.58-2017, Electrical Safety Standard for Portable Stage and Studio Equipment Used Outdoors (new standard): 10/11/2017

NSF (NSF International)

Revision

- * ANSI/NSF 51-2017 (i15r1), Food Equipment Materials (revision of ANSI/NSF 51-2014): 10/10/2017
- * ANSI/NSF 60-2017 (i77r1), Drinking Water Treatment Chemicals (revision of ANSI/NSF 60-2016): 10/12/2017

RESNET (Residential Energy Services Network, Inc.)

Addenda

- * ANSI/RESNET/ICC 301-2014 Addendum K-2017, Roof Solar Absorptance Test Standard (addenda to ANSI/RESNET/ICC 301-2014): 10/11/2017

TIA (Telecommunications Industry Association)

Revision

ANSI/TIA 470.230-D-2017, Telecommunications - Telephone Terminal Equipment - Network Signaling Performance Requirements (revision and redesignation of ANSI/TIA 470.230-C-2005 (R2012)): 10/11/2017

UL (Underwriters Laboratories, Inc.)

New National Adoption

- * ANSI/UL 62841-2-9-2017, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 2-9: Particular Requirements for Hand-Held Tappers and Threaders (identical national adoption of IEC 62841-2-9 and revision of ANSI/UL 62841-2-9-2016): 10/10/2017
- * ANSI/UL 62841-2-9-2017a, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 2-9: Particular Requirements for Hand-Held Tappers and Threaders (identical national adoption of IEC 62841-2-9 and revision of ANSI/UL 62841-2-9-2016): 10/10/2017

Reaffirmation

- ANSI/UL 525-2008 (R2017), Standard for Safety for Flame Arresters (reaffirmation of ANSI/UL 525-2008 (R2012)): 10/12/2017
- ANSI/UL 2360-2004 (R2017), Standard for Safety for Test Methods for Determining the Combustibility Characteristics of Plastics Used in Semi-Conductor Tool Construction (reaffirmation of ANSI/UL 2360-2004 (R2013)): 10/10/2017
- ANSI/UL 920002-2017, Standard for Safety for Installation, Operation, and Maintenance of Toxic Gas-Detection Instruments (Proposal dated 08-11-17) (reaffirmation and redesignation of ANSI/ISA 92.00.02-2013): 10/13/2017
- ANSI/UL 920004-2014 (R2017), Standard for Safety for Performance Requirements for Open Path Tox Gas-Detectors (Proposal dated 08-11-17) (reaffirmation and redesignation of ANSI/ISA 92.00.04-2014): 10/13/2017

Revision

- * ANSI/UL 1447-2017, Standard for Safety for Electric Lawn Mowers (revision of ANSI/UL 1447-2013): 10/13/2017
- ANSI/UL 1778-2017, Standard for Safety for Uninterruptible Power Systems (Proposal dated 8-11-17) (revision of ANSI/UL 1778-2014): 10/10/2017
- ANSI/UL 1778-2017a, Standard for Safety for Uninterruptible Power Systems (Proposal dated 8-11-17) (revision of ANSI/UL 1778-2014): 10/10/2017
- ANSI/UL 1778-2017b, Standard for Safety for Uninterruptible Power Systems (Proposal dated 8-11-17) (revision of ANSI/UL 1778-2014): 10/10/2017
- ANSI/UL 4248-1-2017, Standard for Safety for Fuseholders - Part 1: General Requirements (revision of ANSI/UL 4248-1-2013): 10/13/2017

Project Initiation Notification System (PINS)

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

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

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

ABYC (American Boat and Yacht Council)

Office: 613 Third Street, Suite 10
Annapolis, MD 21403

Contact: Lynn Lipsey

E-mail: llipsey@abycinc.org

- * BSR/ABYC A-3-201x, Galley Stoves (revision of ANSI/ABYC A-3-2013)

Stakeholders: Surveyors, consumers, insurance personnel, boat manufacturers, engine manufacturers, accessory manufacturers, government, service specialists, and trade associations.

Project Need: This standard identifies safety issues with galley stoves.

This standard is a guide for the design, construction, installation, and maintenance of galley stoves.

- * BSR/ABYC A-6-201x, Refrigeration and Air Conditioning Equipment (new standard)

Stakeholders: Surveyors, consumers, insurance personnel, boat manufacturers, engine manufacturers, accessory manufacturers, government, service specialists, and trade associations.

Project Need: This standard identifies safety issues with refrigeration and air-conditioning equipment.

This standard is a guide for the design, construction, and installation of refrigeration and air conditioning systems on boats.

- * BSR/ABYC A-30-201x, Cooking Appliances with Integral LPG Cylinders (revision of ANSI/ABYC A-30-2013)

Stakeholders: Surveyors, consumers, insurance personnel, boat manufacturers, engine manufacturers, accessory manufacturers, government, service specialists, and trade associations.

Project Need: This standard identifies safety issues with cooking appliances with integral LPG cylinders.

This standard is a guide for the design, construction, installation, and maintenance of cooking appliances with integral LPG cylinders.

- * BSR/ABYC H-32-201x, Ventilation of Boats Using Diesel Fuel (revision of ANSI/ABYC H-32-2013)

Stakeholders: Surveyors, consumers, insurance personnel, boat manufacturers, engine manufacturers, accessory manufacturers, government, service specialists, and trade associations.

Project Need: This standard identifies safety issues with ventilation of boats using diesel fuel.

This standard is a guide for the design, construction, and installation of ventilation systems of boats using diesel fuel, for the purpose of removal of fixed gaseous fire-extinguishing system discharge, and/or combustion air, and/or any incidental additional uses.

- * BSR/ABYC P-17-201x, Mechanical Steering Systems (revision of ANSI/ABYC P-17-2013)

Stakeholders: Surveyors, consumers, insurance personnel, boat manufacturers, engine manufacturers, accessory manufacturers, government, service specialists, and trade associations.

Project Need: This standard identifies safety issues with mechanical steering systems.

This standard is a guide for the design and construction of remote mechanical cable steering systems and the major components thereof, covering design, construction, and installation of steering systems for outboard, inboard, sterndrive, and water jet drive boats.

- * BSR/ABYC P-22-201x, Steering Wheels (revision of ANSI/ABYC P-22-2013)

Stakeholders: Surveyors, consumers, insurance personnel, boat manufacturers, engine manufacturers, accessory manufacturers, government, service specialists, and trade associations.

Project Need: This standard identifies safety issues with steering wheels.

This standard is a guide for the design, construction, and installation of steering wheels for marine applications.

AGA (ASC B109) (American Gas Association)

Office: 400 North Capitol Street, NW
Washington, DC 20001

Contact: Michael Stablein

E-mail: mstablein@aga.org

- BSR B109.3-201x, Rotary-Type Gas Displacement Meters (revision of ANSI B109.3-2000 (R2008))

Stakeholders: Natural Gas Distribution and Transmission industry.

Project Need: Review standard and propose changes as necessary.

This publication represents a basic standard for safe operation, substantial and durable construction, and acceptable performance for rotary-type gas displacement meters.

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

Office: 1791 Tullie Circle NE
Atlanta, GA 30329

Contact: *Tanisha Meyers-Lisle*

Fax: (678) 539-2111

E-mail: tmlisle@ashrae.org

BSR/ASHRAE Standard 105-201X, Standard Methods of Determining, Expressing and Comparing Building Energy Performance and Greenhouse Gas Emissions (revision of ANSI/ASHRAE Standard 105-2014)

Stakeholders: Anybody who determines building energy usage, from private sector to public sector.

Project Need: The current standard does not address water use, which is an important component of building performance.

This standard is intended to foster a commonality in determining and reporting the energy performance of buildings to facilitate a comparison of design strategies or operation improvements in buildings as well as the development of building energy performance standards and reporting of greenhouse gas emissions associated with building operation. It provides a consistent method of determining, expressing, and comparing the energy performance of new and existing buildings and greenhouse gas emissions associated with the design of new buildings and operation of existing buildings.

ASSE (Safety) (American Society of Safety Engineers)

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

Contact: *Tim Fisher*

Fax: (847) 296-9221

E-mail: TFisher@ASSE.org

BSR/ASSE Z10-201X, Occupational Health and Safety Management Systems (revision of ANSI/ASSE Z10-2012 (R2017))

Stakeholders: Occupational safety and health professionals.

Project Need: Based upon the consensus of the Z10 Committee members.

This standard defines minimum requirements for an occupational health and safety management system (OHSMS).

ASTM (ASTM International)

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

Contact: *Corice Leonard*

Fax: (610) 834-3683

E-mail: accreditation@astm.org

BSR/ASTM WK60683-201x, New Guide for Pole Vault Use Area (new standard)

Stakeholders: Pole Vault industry.

Project Need: Considerations for the area around a pole-vaulting facility. Setbacks and padding.

<https://www.astm.org/DATABASE.CART/WORKITEMS/WK60683.htm>

ATIS (Alliance for Telecommunications Industry Solutions)

Office: 1200 G Street NW
Suite 500
Washington, DC 20005

Contact: *Alexandra Blasgen*

E-mail: ablasgen@atis.org

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

Stakeholders: Communications industry.

Project Need: There is a need to update this Standard.

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

BSR/ATIS 0600031-201x, (Pumped) Distributed Refrigerant Cooling - Standardized Infrastructure (revision of ANSI ATIS 0600031-2014)

Stakeholders: Communications industry.

Project Need: ATIS-0600031.2014 should be updated with additional coolant choices and/or a general description of the required coolant properties, leaving the specific coolant selection up to an end user.

Equipment cooling infrastructure solutions have expanded and adapted to meet increasing equipment heat loads and improved energy efficiencies. Infrastructure solutions now include energy-efficient close-coupled cooling (C3) alternatives that bring the cooling (heat transfer) closer to the heat source. One C3 solution utilizes distributed refrigerant as a thermal transfer medium. As the industry adopts and integrates Distributed Refrigerant Cooling (DRC) systems, common infrastructure standards are needed to ensure interoperability and connectivity between manufacturers. This standard outlines design requirements for a standard refrigerant distribution infrastructure.

BSR/ATIS 0600307-201x, Fire Resistance Criteria - Ignitability Requirements for Equipment Assemblies, Ancillary Non-Metallic Apparatus, and Fire Spread Requirements for Wire and Cable (revision of ANSI ATIS 0600307-2014)

Stakeholders: Communications industry.

Project Need: There is a need to update this Standard.

This standard covers the fire-resistance characteristics of equipment assemblies and selected products and materials used within telecommunications network equipment facilities and spaces of similar function. This standard - along with that latest published version of ATIS 0600319 - shall be used as the means of appraising fire risk within a telecommunications network equipment facility or space with similar function.

BSR/ATIS 0600315-201x, Voltage Levels for DC-Powered Equipment Used in the Telecommunications Environment (revision of ANSI ATIS 0600315-2013)

Stakeholders: Communications industry.

Project Need: There is a need to update this Standard.

This standard establishes requirements and test procedures for voltage ranges and characteristics associated with the input voltage of telecommunications equipment powered from dc power systems in the telecommunications environment. It includes +12, + and - 24, -48, + and - 130, and 140 VDC.

BSR/ATIS 0600328-201x, Protection of Telecommunications Links from Physical Stress and Radiation Effects and Associated Requirements for DC Power Systems (A Baseline Standard) (revision of ANSI ATIS 0600328-2012)

Stakeholders: Communications industry.

Project Need: There is a need to update this Standard.

This standard provides baseline measures describing the durability (survivability) of outside plant copper-conductor and optical-fiber telecommunications distribution links to various levels of physical stress and radiation effects. The standard applies to optical fiber and metallic links for trunk, feeder, and local distribution. The standard includes information for the design and installation of aerial, buried, and underground plant, and applies to all telecommunications networks including - but not limited to - exchange carriers and interexchange carriers. The standard is intended for new installations, and not necessarily for replacement of existing systems.

BSR/ATIS 0600330-201x, Valve-Regulated Lead-Acid Batteries Used in the Telecommunications Environment (revision of ANSI ATIS 0600330-2013)

Stakeholders: Communications industry.

Project Need: There is a need to update this Standard.

This standard covers valve-regulated lead-acid (immobilized electrolyte) batteries, hereinafter referred to as VRLA cells (or modules), used as a reserve energy source that supports dc-powered telecommunications load equipment.

BICSI (Building Industry Consulting Service International)

Office: 8610 Hidden River Parkway
Tampa, FL 33637

Contact: Jeff Silveira

Fax: (813) 971-4311

E-mail: jsilveira@bicsi.org

BSR/BICSI 002-201x, Data Center Design and Implementation Best Practices (revision of ANSI/BICSI 002-2014)

Stakeholders: Telecom, data center owners and operators, telecommunications and ICT design professionals. Professionals in trades involved with the design, construction, refurbishment, or commissioning of data centers or mission-critical facilities utilizing data center design concepts.

Project Need: As data center design continues to evolve due to change and innovation, standards supporting data center design need to keep current. This revision addresses all facets of the current standard.

This is a periodic revision of ANSI/BICSI 002-2014. All content will be reviewed and modified as needed, with new material being created to address developments within data center design.

BSR/BICSI 003-201x, Building Information Modeling (BIM) Practices for Information Communication Technology Systems (revision of ANSI/BICSI 003-2014)

Stakeholders: All verticals within AECO, including, but not limited to: building and construction firms, contractors and other personnel, architects and engineers, ICT designers and implementers, building and facilities managers, providers of BIM Software, producers of equipment, components, and systems within ICT that can be represented by a BIM model.

Project Need: Updates to keep standard current with industry and system requirements and trends.

This is a periodic revision of ANSI/BICSI 003-2014. All content will be reviewed and modified as needed, with new material being created to address developments within the ICT industry.

CSA (CSA Group)

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Cleveland, OH 44131

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E-mail: cathy.rake@csagroup.org

* BSR/CSA C22.2 No. 339-201x, Particular Requirements for Saw Chain Cutter (new standard)

Stakeholders: Hand-held motor-operated electric tools manufacturers.

Project Need: There is no such standard in the USA.

This standard applies to saw chain cutters for cutting wood or similar material and designed for use by one person. This standard does not cover saw chain cutters that can be installed with more than one guide bar length. This standard does not cover chain saws as defined in CSA C22.2 No. 60745-2-13/UL 60745-2-13 or chain saws for tree service as defined in CSA Z62.1 or pole cutter and pruners as defined in CSA C22.2 No. 147 or UL 82.

ECIA (Electronic Components Industry Association)

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

Contact: Laura Donohoe

Fax: (571) 323-0245

E-mail: ldonohoe@ecianow.org

BSR/EIA 978-201x, Hardware and Software Systems Failure Modes and Effects Analysis (new standard)

Stakeholders: Electronics, electrical, and telecommunications industries.

Project Need: Create a new American National Standard.

This standard describes Failure Mode and Effects Analysis for both hardware and software systems.

FM (FM Approvals)

Office: 1151 Boston-Providence Turnpike
Norwood, MA 02062

Contact: Josephine Mahnken

Fax: (781) 762-9375

E-mail: josephine.mahnken@fmaprovals.com

BSR/FM 4479-201x, Steep Slope Photovoltaic Shingles (new standard)

Stakeholders: Building code officials, manufacturers, architects, consultants, loss-prevention engineers, and insurance agencies.

Project Need: A standard is needed to determine if a building-integrated steep-slope photovoltaic shingle intended to be installed as the roof covering will meet the minimum specific stated conditions of fire from above wind uplift resistance and electrical safety and performance.

This standard provides a procedure for evaluating steep slope photovoltaic shingles for their performance in fire above wind resistance, hail resistance, electrical safety and performance.

HPS (ASC N13) (Health Physics Society)

Office: 1313 Dolley Madison Blvd #402
McLean, VA 22101

Contact: Nancy Johnson

Fax: (703) 790-2672

E-mail: nanjohns@verizon.net

BSR N13.32-201x, Performance Testing of Extremity Dosimeters
(revision of ANSI N13.32-2008)

Stakeholders: Nuclear utilities, medical RSOs, government laboratories, NVLAP calibration laboratories.

Project Need: Routine 10-year update of existing standard.

This standard provides a procedure for testing the performance of extremity personnel dosimetry systems used to monitor the personnel radiation exposure to the extremities. This is the first revision of the original standard, HPS N13.32-1995.

IEEE (ASC N42) (Institute of Electrical and Electronics Engineers)

Office: 445 Hoes Lane
Piscataway, NJ 08854-4141

Contact: Susan Vogel

E-mail: s.vogel@ieee.org

BSR N42.41-201x, Standard Minimum Performance Criteria for Active Interrogation Systems Used for Homeland Security (revision of ANSI N42.41-2007)

Stakeholders: Agencies of the Department of Homeland Security including DNDO, FEMA, CTOS, and their contractors.

Project Need: The requirements of this standard provide a set of minimally acceptable performance criteria for preliminary screening of active interrogation systems for further consideration.

This standard specifies the operational and performance requirements for active interrogation systems for use in homeland security applications.

BSR N42.48-201x, Standard Performance Requirements for Spectroscopic Personal Radiation Detectors (SPRDs) for Homeland Security (revision of ANSI N42.48-2008)

Stakeholders: Organizations that manufacture, procure, and use devices for the detection of radiological and nuclear material. Radiological security organizations.

Project Need: Update environmental and radiological performance requirements.

The standard provides the functional (i.e., radiological detection and identification) and environmental (i.e., climatic, electrical and electromagnetic, and mechanical) performance requirements for devices worn on the body that have the ability to detect and identify materials from the radiological emissions the material produces.

NEMA (ASC W1) (National Electrical Manufacturers Association)

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

Contact: Khaled Masri

Fax: (703) 841-3367

E-mail: khaled.masri@nema.org

BSR/IEC 60974-1-201x, Arc Welding Equipment - Part 1: Welding Power Sources (revision of ANSI/IEC 60974-1-2008)

Stakeholders: Arc welding equipment manufacturers, users, and others.

Project Need: The 5th edition cancels and replaces the 4th edition published in 2012 and constitutes a technical revision.

This part of IEC 60974 is applicable to power sources for arc welding and allied processes designed for industrial and professional use, and supplied by a voltage not exceeding 1000 V, battery supplied or driven by mechanical means. This document specifies safety and performance requirements of welding power sources and plasma cutting systems. This document is not applicable to limited duty arc welding and cutting power sources which are designed mainly for use by laymen and designed in accordance with IEC 60974-6.

* BSR/IEC 60974-6-201x, Arc Welding Equipment - Part 6: Limited duty equipment (identical national adoption of IEC 60974-6:2015)

Stakeholders: Arc welding equipment manufacturers, users, and others.

Project Need: This equipment is typically used by non-professionals in residential areas.

This part of IEC 60974 specifies safety and performance requirements applicable to limited-duty arc welding and cutting power sources and auxiliaries designed for use by laymen. Electrically powered equipment is intended to be connected to the single-phase public low-voltage supply system. Engine-driven power sources cannot exceed output power of 7,5 kVA.

NFPA (National Fire Protection Association)

Office: 1 Batterymarch Park
Quincy, MA 02169

Contact: Dawn Michele Bellis

E-mail: dbellis@nfpa.org

BSR/NFPA 730-201x, Guide for Premises Security (revision of ANSI/NFPA 730-2013)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts.

Project Need: Public interest and need.

This guide describes construction, protection, occupancy features, and practices intended to reduce security vulnerabilities to life and property.

BSR/NFPA 1500-201x, Standard on Fire Department Occupational Safety and Health Program (revision of ANSI/NFPA 1500-2013)

Stakeholders: Manufacturers, users, installers/maintainers, labor, enforcing authorities, insurance, consumers, special experts.

Project Need: Public interest and need.

This standard shall contain minimum requirements for a fire service-related occupational safety and health and wellness programs.

NFSI (National Floor Safety Institute)

Office: P.O. Box 92607
Southlake, TX 76092

Contact: *Russell Kendzior*

Fax: (817) 749-1702

E-mail: russk@nfsi.org

* BSR/NFSI B101.1-201x, Test Method for Measuring the Wet SCOF of Hard-Surface Walkways (revision of ANSI/NFSI B101.1-2009)

Stakeholders: General public, consumers, employers, employees, and manufacturers.

Project Need: To provide a measurement procedure setting forth traction ranges which facilitate remediation of walkway surfaces when warranted.

This test method specifies the procedures and devices used for both laboratory and field-testing to measure the wet static coefficient of friction (SCOF) of hard-surface walkways.

American National Standards Maintained Under Continuous Maintenance

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

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

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

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

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

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

ANSI-Accredited Standards Developers Contact Information

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

ABMA (ASC B3)

American Bearing Manufacturers Association
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Suite 2000
Chicago, IL 60611
Phone: (919) 481-2852
Fax: (919) 827-4587
Web: www.americanbearings.org

ABYC

American Boat and Yacht Council
613 Third Street, Suite 10
Annapolis, MD 21403
Phone: (410) 990-4460
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AGA (ASC B109)

American Gas Association
400 North Capitol Street, NW
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ANS

American Nuclear Society
555 North Kensington Avenue
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ASABE

American Society of Agricultural and Biological Engineers
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Saint Joseph, MI 49085
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ASC X9

Accredited Standards Committee X9, Incorporated
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ASHRAE

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ASME

American Society of Mechanical Engineers
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Phone: (212) 591-8521
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ASPE

American Society of Plumbing Engineers
6400 Shafer Court
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Rosemont, IL 60018
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Fax: (847) 296-2963
Web: www.aspe.org

ASSE (Safety)

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ASTM

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

BICSI

Building Industry Consulting Service International
8610 Hidden River Parkway
Tampa, FL 33637
Phone: (813) 903-4712
Fax: (813) 971-4311
Web: www.bicsi.org

CPLSO

CPLSO
The Marchioness Building,
Commercial Road
Bristol BS16TG, UK BS1 6TG
Phone: (078) 796-2989

CSA

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

ECIA

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

EOS/ESD

ESD Association
7900 Turin Rd., Bldg. 3
Rome, NY 13440
Phone: (315) 339-6937
Fax: (315) 339-6793
Web: www.esda.org

ESTA

Entertainment Services and Technology Association
630 Ninth Avenue
Suite 609
New York, NY 10036-3748
Phone: (212) 244-1505
Fax: (212) 244-1502
Web: www.esta.org

FM

FM Approvals
1151 Boston-Providence Turnpike
Norwood, MA 02062
Phone: (781) 255-4813
Fax: (781) 762-9375
Web: www.fmglobal.com

HPS (ASC N13)

Health Physics Society
1313 Dolley Madison Blvd #402
McLean, VA 22101
Phone: (703) 790-1745
Fax: (703) 790-2672
Web: www.hps.org

HPS (ASC N43)

Health Physics Society
1313 Dolley Madison Blvd #402
McLean, VA 22101
Phone: (703) 790-1745
Fax: (703) 790-2672
Web: www.hps.org

ICC

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

IEEE (ASC N42)

Institute of Electrical and Electronics Engineers
445 Hoes Lane
Piscataway, NJ 08854-4141
Phone: 732-562-3817
Web: standards.ieee.org

ITI (INCITS)

InterNational Committee for
Information Technology Standards
1101 K Street NW
Suite 610
Washington, DC 20005-3922
Phone: (202) 626-5737
Web: www.incits.org

NASBLA

National Association of State Boating
Law Administrators
1648 McGrathiana Parkway
Suite 360
Lexington, KY 40511
Phone: (859) 225-9487
Web: www.nasbla.org

NEMA (ASC C78)

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

NEMA (ASC W1)

National Electrical Manufacturers
Association
1300 North 17th Street
Suite 900
Rosslyn, VA 22209
Phone: (703) 841-3278
Fax: (703) 841-3367
Web: www.nema.org

NFPA

National Fire Protection Association
1 Batterymarch Park
Quincy, MA 02169
Phone: (617) 984-7246
Web: www.nfpa.org

NFSI

National Floor Safety Institute
P.O. Box 92607
Southlake, TX 76092
Phone: (817) 749-1700
Fax: (817) 749-1702
Web: www.nfsi.org

NSF

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

RESNET

Residential Energy Services Network,
Inc.
4867 Patina Court
Oceanside, CA 92057
Phone: (760) 408-5860
Fax: (760) 806-9449
Web: www.resnet.us.com

SCTE

Society of Cable Telecommunications
Engineers
140 Philips Road
Exton, PA 19341-1318
Phone: (484) 252-2330
Web: www.scte.org

TIA

Telecommunications Industry
Association
1320 North Courthouse Road
Suite 200
Arlington, VA 22201
Phone: (703) 907-7706
Fax: (703) 907-7727
Web: www.tiaonline.org

UL

Underwriters Laboratories, Inc.
333 Pfingsten Road
Northbrook, IL 60062-2096
Phone: (847) 664-3416
Fax: (847) 313-3416
Web: www.ul.com



ISO & IEC Draft International Standards

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

Comments

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

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

Ordering Instructions

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

ISO Standards

CERAMIC TILE (TC 189)

ISO/DIS 10545-4, Ceramic tiles - Part 4: Determination of modulus of rupture and breaking strength - 11/2/2017, \$58.00

CORROSION OF METALS AND ALLOYS (TC 156)

ISO/DIS 7539-6, Corrosion of metals and alloys - Stress corrosion testing - Part 6: Preparation and use of pre-cracked specimens - 11/10/2011, \$107.00

ENVIRONMENTAL MANAGEMENT (TC 207)

ISO/DIS 14067, Greenhouse gases - Carbon footprint of products - Requirements and guidelines for quantification - 11/2/2017, \$125.00

FLUID POWER SYSTEMS (TC 131)

ISO/DIS 18582-2, Fluid power - Specifications of reference dictionary - Part 2: Classes and properties definitions for pneumatics - 11/3/2017, \$185.00

FREIGHT CONTAINERS (TC 104)

ISO/DIS 1496-2, Series 1 freight containers - Specification and testing - Part 2: Thermal containers - 1/4/2018, \$119.00

HEALTH INFORMATICS (TC 215)

ISO/DIS 12381, Health informatics - Time standards for healthcare specific problems - 11/5/2017, \$82.00

IMPLANTS FOR SURGERY (TC 150)

ISO/DIS 13782, Implants for surgery - Metallic materials - Unalloyed tantalum for surgical implant applications - 1/4/2018, \$33.00

ISO/DIS 5834-2, Implants for surgery - Ultra-high-molecular-weight polyethylene - Part 2: Moulded forms - 1/1/2018, \$40.00

ISO/DIS 5834-5, Implants for surgery - Ultra-high-molecular-weight polyethylene - Part 5: Morphology assessment method - 1/1/2018, \$40.00

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

ISO/DIS 19345-1, Petroleum and natural gas industry - Pipeline transportation systems - Pipeline integrity management specification - Part 1: Full-life cycle integrity management for onshore pipeline - 1/1/2018, \$165.00

ISO/DIS 19345-2, Petroleum and natural gas industry - Pipeline transportation systems - Pipeline integrity management specification - Part 2: Full-life cycle integrity management for offshore pipeline - 1/1/2018, \$155.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO/DIS 20816-4, Mechanical vibration - Measurement and evaluation of machine vibration - Part 4: Gas turbines in excess of 3 MW, with fluid-film bearings - 1/4/2018, \$82.00

NUCLEAR ENERGY (TC 85)

ISO/DIS 20785-4, Dosimetry for exposures to cosmic radiation in civilian aircraft - Part 4: Validation of codes - 1/1/2018, \$46.00

PAINTS AND VARNISHES (TC 35)

ISO/DIS 11126-7, Preparation of steel substrates before application of paints and related products - Specifications for non-metallic blast-cleaning abrasives - Part 7: Fused aluminium oxide - 11/5/2017, \$40.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO/DIS 18639-5, PPE ensembles for firefighters undertaking specific rescue activities - Part 5: Helmet - 11/5/2017, \$62.00

ROAD VEHICLES (TC 22)

ISO/DIS 15118-1, Road vehicles - Vehicle to grid communication interface - Part 1: General information and use-case definition - 1/4/2018, \$165.00

ISO/DIS 17840-2, Road vehicles - Information for first and second responders - Part 2: Rescue sheet for buses, coaches and heavy commercial vehicles - 11/2/2017, \$71.00

ISO/DIS 17840-3, Road vehicles - Information for first and second responders - Part 3: Emergency response guide template - 11/4/2017, \$112.00

ISO/DIS 21755-1, Motorcycles - Measurement method for evaporative emissions - Part 1: SHED test procedure - 1/4/2018, \$88.00

SAFETY OF MACHINERY (TC 199)

ISO/DIS 13851, Safety of machinery - Two-hand control devices - Functional aspects and design principles - 12/6/2005, \$82.00

ISO/DIS 13857, Safety of machinery - Safety distances to prevent hazard zones being reached by upper and lower limbs - 1/4/2018, \$77.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

- ISO/DIS 799-1, Ships and marine technology - Pilot ladders - Part 1: Design and specification - 11/2/2017, \$62.00
- ISO/DIS 21159, Ships and marine technology - Butterfly valves for use in low temperature applications - Design and testing requirements - 11/3/2017, \$62.00

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

- ISO/DIS 19894, Walking trolleys - Requirements and test methods - 11/2/2017, \$119.00

TOBACCO AND TOBACCO PRODUCTS (TC 126)

- ISO/DIS 21766, Tobacco and tobacco products - Determination of tobacco-specific nitrosamines in tobacco products - Method using LC-MS/MS - 11/4/2017, \$77.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

- ISO/DIS 24347, Agricultural vehicles - Mechanical connections between towed and towing vehicles - Dimensions of ball-type coupling device (80 mm) - 11/2/2017, \$77.00

ISO/IEC JTC 1, Information Technology

- ISO/IEC 7816-4/DAmD1, Identification cards - Integrated circuit cards - Part 4: Organization, security and commands for interchange - Amendment 1: Record handling - 11/5/2017, \$53.00
- ISO/IEC 7816-4/DAmD2, Identification cards - Integrated circuit cards - Part 4: Organization, security and commands for interchange - Amendment 2: Waiting time management - 11/5/2017, \$40.00
- ISO/IEC DIS 18328-4, Identification cards - ICC-managed devices - Part 4: Test methods for logical characteristics - 11/5/2017, \$93.00
- ISO/IEC DIS 23005-5, Information technology - Media context and control - Part 5: Data formats for interaction devices - 11/4/2017, \$245.00
- ISO/IEC DIS 23005-6, Information technology - Media context and control - Part 6: Common types and tools - 11/3/2017, \$165.00
- ISO/IEC DIS 29167-21, Information technology - Automatic identification and data capture techniques - Part 21: Crypto suite SIMON security services for air interface communications - 11/3/2017, \$125.00
- ISO/IEC DIS 29167-22, Information technology - Automatic identification and data capture techniques - Part 22: Crypto suite SPECK security services for air interface communications - 11/3/2017, \$119.00

IEC Standards

- 9/2322(F)/FDIS, IEC 62888-3 ED1: Railway applications - Energy measurement on board trains - Part 3: Data handling, /2017/11/1
- 9/2321(F)/FDIS, IEC 62888-2 ED1: Railway applications - Energy measurement on board trains - Part 2: Energy measurement, /2017/11/1
- 9/2323(F)/FDIS, IEC 62888-4 ED1: Railway applications - Energy measurement on board trains - Part 4: Communication, /2017/11/1
- 9/2320(F)/FDIS, IEC 62888-1 ED1: Railway applications - Energy measurement on board trains - Part 1: General, /2017/11/1
- 17A/1160/CD, IEC 62271-109 ED3: High-voltage switchgear and controlgear - Part 109: Alternating-current series capacitor by-pass switches, 018/1/5/

- 17A/1161/DTR, IEC/TR 62271-306 A1 Ed. 1: High-voltage switchgear and controlgear -Part 306: Guide to IEC 62271-100, IEC 62271-1 and other IEC standards related to alternating current circuit-breakers, 2017/12/8
- 20/1764/FDIS, IEC 62930 ED1: Electric cables for photovoltaic systems with a voltage rating of 1,5 kV DC, /2017/11/2
- 21/941/CD, IEC 62984-3-2 ED1: High temperature secondary batteries - Part 3: Sodium-based batteries - Section 2: Performance requirements and tests, 2017/12/8
- 21/940/CD, IEC 62984-1 ED1: High temperature secondary batteries - Part 1: General aspects, definitions and tests, 2017/12/8
- 21/942/CD, IEC 62984-3-1 ED1: High temperature secondary batteries - Part 3: Sodium-based batteries - Section 1: Safety requirements and tests of cells and batteries, 2017/12/8
- 23H/391/CD, IEC 60309-1 ED5: Plugs, socket-outlets and couplers for industrial purposes - Part 1: General requirements, 018/1/5/
- 23H/392/CD, IEC 60309-2 ED5: Plugs, socket-outlets and couplers for industrial purposes - Part 2: Dimensional interchangeability requirements for pin and contact-tube accessories, 018/1/5/
- 23H/393/CD, IEC 60309-4 ED2: Plugs, socket-outlets and couplers for industrial purposes - Part 4: Switched socket-outlets and connectors with or without interlock, 018/1/5/
- 29/958/CDV, IEC 61265 ED2: Electroacoustics - Instruments for measurement of aircraft noise - Performance requirements for systems to measure sound pressure levels in noise certification of aircraft, 018/1/5/
- 32A/326/CD, IEC 60282-1 ED8: High-voltage fuses - Part 1: Current-limiting fuses, 018/1/5/
- 34/438/CD, IEC 63103 ED1: Apparatus for lighting purposes - Non-active mode power measurement, 018/1/5/
- 46A/1344/DC, Draft IEC 61196-11-5 Coaxial communication cables - Part 11-5: Detail specification for 50-22(7/8°) type corrugated tube outer conductor semi-rigid cables with foamed polyethylene (PE) dielectric, /2017/11/2
- 46A/1341/DC, Draft IEC 61196-11-2 Coaxial communication cables - Part 11-2: Detail specification for 50-5(1/4°) type corrugated tube outer conductor semi-rigid cables with foamed polyethylene (PE) dielectric, /2017/11/2
- 46A/1342/DC, Draft IEC 61196-11-3 Coaxial communication cables - Part 11-3: Detail specification for 50-9(1/2°) type corrugated tube outer conductor semi-rigid cables with foamed polyethylene (PE) dielectric, /2017/11/2
- 46A/1343/DC, Draft IEC 61196-11-4 Coaxial communication cables - Part 11-4: Detail specification for 50-12(1/2°) type corrugated tube outer conductor semi-rigid cables with foamed polyethylene (PE) dielectric, /2017/11/2
- 46A/1347/NP, PNW 46A-1347: Coaxial communication cables - Part 6 -5: Detail specification for CATV drop cables with screening class A ++, 018/1/5/
- 47/2433/FDIS, IEC 62969-1 ED1: Semiconductor devices - Semiconductor interface for automotive vehicles - Part 1: General requirements of power interface for automotive vehicle sensors, /2017/11/2
- 47D/897(F)/CDV, IEC 60191-4/AMD1 ED3: Mechanical standardization of semiconductor devices - Part 4: Coding system and classification into forms of package outlines for semiconductor device packages, /2017/12/1
- 48B/2590/CDV, IEC 60512-1 ED5: Connectors for electronic equipment - Tests and measurements - Part 1: General, 018/1/5/
- 48B/2591/CDV, IEC 60512-99-002 ED1: Connectors for electronic equipment - Tests and measurements - Part 99-002: Endurance test schedules - Test 99b, Test schedule for unintended unmating under electrical load, 018/1/5/

- 62C/700(F)/CDV, IEC 60601-2-1 ED4: Medical electrical equipment - Part 2-1: Particular requirements for the basic safety and essential performance of electron accelerators in the range 1 MeV to 50 MeV, /2017/12/2
- 64/2238/CD, IEC 60364-8-3 ED1: Low-voltage electrical installation - Part 8-3: Evolutions of Electrical Installations, 018/1/5/
- 65C/897(F)/CDV, IEC 62657-2/AMD1 ED2: Industrial communication networks - Wireless communication networks - Part 2: Coexistence management, 2017/12/8
- 66/645/CD, IEC 61010-2-130 ED1: Safety requirements for electrical equipment for measurement, control, and laboratory use - Particular requirements for equipment intended to be used in educational establishments by children, 018/1/5/
- 79/597/CDV, IEC 62676-2-32 ED1: Video surveillance systems for use in security applications - Part 2-32: Video transmission protocols - IP interoperability implementation based on Web services - Recording, 018/1/5/
- 79/596/CDV, IEC 62676-2-31 ED1: Video surveillance systems for use in security applications - Part 2-31: Video transmission protocols - IP interoperability implementation based on Web services - Live streaming and configuration, 018/1/5/
- 79/599/FDIS, IEC 62820-3-1 ED1: Building intercom systems - Part 3 -1: Application guidelines - General, /2017/11/2
- 81/571(F)/CDV, IEC 62305-3 ED3: Protection against lightning - Part 3: Physical damage to structures and life hazard, 2017/12/8
- 81/569(F)/CDV, IEC 62305-1 ED3: Protection against lightning - Part 1: General principles, 2017/12/8
- 81/570(F)/CDV, IEC 62305-2 ED3: Protection against lightning - Part 2: Risk management, 2017/12/8
- 81/572(F)/CDV, IEC 62305-4 ED3: Protection against lightning - Part 4: Electrical and electronic systems within structures, 2017/12/8
- 86A/1816(F)/CDV, IEC 60794-4-20 ED2: Optical fibre cables - Part 4 -20: Aerial optical cables along electrical power lines - Family specification for ADSS (All Dielectric Self Supported) Optical cables, 2017/12/1
- 100/2981/CDV, IEC 62680-1-4 ED1: Universal Serial Bus interfaces for data and power - Part 1-4: Common Components - USB Type-C™ Authentication Specification, 018/1/5/
- 100/2997/NP, PNW 100-2997: Parasitic communication protocol for radio-frequency wireless power transmission, 018/1/5/
- 101/545/FDIS, IEC 61340-4-5 ED2: Electrostatics - Part 4-5: Standard test methods for specific applications - Methods for characterizing the electrostatic protection of footwear and flooring in combination with a person, /2017/11/2
- 110/902A/CDV, IEC 62341-5-2 ED2: Organic light emitting diode (OLED) displays - Part 5-2: Mechanical endurance test methods, /2017/12/2
- 112/398/CDV, IEC 60112 ED5: Method for the determination of the proof and the comparative tracking indices of solid insulating materials, 018/1/5/
- 112/399/CDV, IEC 61857-32 ED1: Electrical insulation systems - Procedures for thermal evaluation - Part 32: Multifactor evaluation with increased factors during diagnostic testing, 018/1/5/
- 112/409/FDIS, IEC 62631-3-11 ED1: Dielectric and resistive properties of solid insulating materials - Part 3-11: Determination of resistive properties (DC Methods) - Volume resistance and volume resistivity - Method for impregnation and coating materials, /2017/11/2
- 112/410/CD, IEC TR 61858-3 ED1: Electrical insulation systems - Thermal evaluation of modifications to an established electrical insulation system (EIS) - Part 3: Clarification of EIM and auxiliary materials, 018/1/5/
- 113/383/DC, Nanomanufacturing- Material Specifications Part 4-1: Luminescent nanomaterials - Blank detail specification, /2017/11/2



Newly Published ISO & IEC Standards

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

ISO Standards

ISO/IEC JTC 1 Technical Reports

[ISO/IEC TR 15446:2017](#), Information technology - Security techniques - Guidance for the production of protection profiles and security targets, \$209.00

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

[ISO 27914:2017](#), Carbon dioxide capture, transportation and geological storage - Geological storage, \$209.00

CORROSION OF METALS AND ALLOYS (TC 156)

[ISO 12473:2017](#), General principles of cathodic protection in seawater, \$185.00

DOCUMENTS AND DATA ELEMENTS IN ADMINISTRATION, COMMERCE AND INDUSTRY (TC 154)

[ISO 14533-3:2017](#), Processes, data elements and documents in commerce, industry and administration - Long term signature profiles - Part 3: Long term signature profiles for PDF Advanced Electronic Signatures (PADES), \$138.00

ENVIRONMENTAL MANAGEMENT (TC 207)

[ISO 14055-1:2017](#), Environmental management - Guidelines for establishing good practices for combatting land degradation and desertification - Part 1: Good practices framework, \$162.00

FINE CERAMICS (TC 206)

[ISO 26602:2017](#), Fine ceramics (advanced ceramics, advanced technical ceramics) - Silicon nitride materials for rolling bearing balls and rollers, \$68.00

FLUID POWER SYSTEMS (TC 131)

[ISO 12669:2017](#), Hydraulic fluid power - Method for determining the required cleanliness level (RCL) of a system, \$103.00

GEOTECHNICS (TC 182)

[ISO 22476-10:2017](#), Geotechnical investigation and testing - Field testing - Part 10: Weight sounding test, \$68.00

HEALTH INFORMATICS (TC 215)

[ISO/IEEE 11073-10101/Amd1:2017](#), Health informatics - Point-of-care medical device communication - Part 10101: Nomenclature - Amendment 1: Additional definitions, \$232.00

[ISO/IEEE 11073-10422:2017](#), Health informatics - Personal health device communication - Part 10422: Device specialization - Urine analyser, \$209.00

HYDROMETRIC DETERMINATIONS (TC 113)

[ISO 6416:2017](#), Hydrometry - Measurement of discharge by the ultrasonic transit time (time of flight) method, \$209.00

LIGHT METALS AND THEIR ALLOYS (TC 79)

[ISO 2135:2017](#), Anodizing of aluminium and its alloys - Accelerated test of light fastness of coloured anodic oxidation coatings using artificial light, \$45.00

[ISO 2143:2017](#), Anodizing of aluminium and its alloys - Estimation of loss of absorptive power of anodic oxidation coatings after sealing - Dye-spot test with prior acid treatment, \$45.00

[ISO 10216:2017](#), Anodizing of aluminium and its alloys - Instrumental determination of image clarity of anodic oxidation coatings - Instrumental method, \$68.00

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

[ISO 19905-3:2017](#), Petroleum and natural gas industries - Site-specific assessment of mobile offshore units - Part 3: Floating unit, \$138.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

[ISO 13373-9:2017](#), Condition monitoring and diagnostics of machines - Vibration condition monitoring - Part 9: Diagnostic techniques for electric motors, \$138.00

NICKEL AND NICKEL ALLOYS (TC 155)

[ISO 6283:2017](#), Refined nickel, \$45.00

NUCLEAR ENERGY (TC 85)

[ISO 19581:2017](#), Measurement of radioactivity - Gamma emitting radionuclides - Rapid screening method using scintillation detector gamma-ray spectrometry, \$103.00

PAPER, BOARD AND PULPS (TC 6)

[ISO 2528:2017](#), Sheet materials - Determination of water vapour transmission rate (WVTR) - Gravimetric (dish) method, \$103.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

[ISO 6578:2017](#), Refrigerated hydrocarbon liquids - Static measurement - Calculation procedure, \$138.00

PLASTICS (TC 61)

[ISO 10350-1:2017](#), Plastics - Acquisition and presentation of comparable single-point data - Part 1: Moulding materials, \$68.00

[ISO 22007-1:2017](#), Plastics - Determination of thermal conductivity and thermal diffusivity - Part 1: General principles, \$138.00

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

[ISO 10639:2017](#), Plastics piping systems for pressure and non-pressure water supply - Glass-reinforced thermosetting plastics (GRP) systems based on unsaturated polyester (UP) resin, \$209.00

RUBBER AND RUBBER PRODUCTS (TC 45)

[ISO 20057:2017](#), Rubber household gloves - General requirements and test methods, \$68.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

[ISO 20154:2017](#), Ships and marine technology - Guidelines on vibration isolation design methods for shipboard auxiliary machinery, \$68.00

SOLID MINERAL FUELS (TC 27)

[ISO 20336:2017](#), Solid mineral fuels - Determination of total sulfur by Coulomb titration method, \$45.00

TYRES, RIMS AND VALVES (TC 31)

[ISO 18804:2017](#), Rims for agricultural, forestry and construction machines, \$162.00

WELDING AND ALLIED PROCESSES (TC 44)

[ISO 15296:2017](#), Gas welding equipment - Vocabulary, \$45.00

[ISO 17640:2017](#), Non-destructive testing of welds - Ultrasonic testing - Techniques, testing levels, and assessment, \$162.00

ISO Technical Reports**TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)**

[ISO/TR 20529-1:2017](#), Intelligent transport systems - Framework for green ITS (G-ITS) standards - Part 1: General information and use case definitions, \$138.00

ISO Technical Specifications**FREIGHT CONTAINERS (TC 104)**

[ISO/TS 18625:2017](#), Freight containers - Container Tracking and Monitoring Systems (CTMS): Requirements, \$103.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

[ISO/TS 8000-60:2017](#), Data quality - Part 60: Data quality management: Overview, \$68.00

LIFTS, ESCALATORS, PASSENGER CONVEYORS (TC 178)

[ISO/TS 8103-6:2017](#), Escalators and moving walks - Part 6: Safety parameters meeting the GESRs, \$185.00

NUCLEAR ENERGY (TC 85)

[ISO/TS 11665-13:2017](#), Measurement of radioactivity in the environment - Air: radon 222 - Part 13: Determination of the diffusion coefficient in waterproof materials: Membrane two-side activity concentration test method, \$185.00

ROAD VEHICLES (TC 22)

[ISO/TS 17536-2:2017](#), Road vehicles - Aerosol separator performance test for internal combustion engines - Part 2: Laboratory test method, \$138.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 29199-2/Amd1:2017](#), Information technology - JPEG XR image coding system - Image coding specification - Amendment 1: Media type specification, \$19.00

[ISO/IEC 27007:2017](#), Information technology - Security techniques - Guidelines for information security management systems auditing, \$185.00

[ISO/IEC 40180:2017](#), Information technology - Quality for learning, education and training - Fundamentals and reference framework, \$209.00

[ISO/IEC 18047-6:2017](#), Information technology - Radio frequency identification device conformance test methods - Part 6: Test methods for air interface communications at 860 MHz to 960 MHz, \$232.00

[ISO/IEC 23008-2:2017](#), Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 2: High efficiency video coding, \$232.00

[ISO/IEC 27034-5:2017](#), Information technology - Security techniques - Application security - Part 5: Protocols and application security controls data structure, \$162.00

IEC Standards**AUTOMATIC CONTROLS FOR HOUSEHOLD USE (TC 72)**

[IEC 60730-2-13 Ed. 3.0 en:2017](#), Automatic electrical controls - Part 2 -13: Particular requirements for humidity sensing controls, \$117.00

FIBRE OPTICS (TC 86)

[IEC 60793-1-47 Ed. 4.0 b:2017](#), Optical fibres - Part 1-47: Measurement methods and test procedures - Macrobending loss, \$235.00

[S+ IEC 60793-1-47 Ed. 4.0 en:2017 \(Redline version\)](#), Optical fibres - Part 1-47: Measurement methods and test procedures - Macrobending loss, \$305.00

FLAT PANEL DISPLAY DEVICES (TC 110)

[IEC 62629-13-1 Ed. 1.0 en:2017](#), 3D Display devices - Part 13-1: Visual inspection methods for stereoscopic displays using glasses - Ghost image, \$117.00

INSULATING MATERIALS (TC 15)

[IEC 62677-1 Ed. 1.0 b:2017](#), Heat shrinkable low and medium voltage moulded shapes - Part 1: General requirements, \$47.00

[IEC 62677-2 Ed. 1.0 b:2017](#), Heat shrinkable low and medium voltage moulded shapes - Part 2: Methods of test, \$199.00

LAMPS AND RELATED EQUIPMENT (TC 34)

[IEC 61347-2-7 Amd.1 Ed. 3.0 b:2017](#), Amendment 1 - Lamp controlgear - Part 2-7: Particular requirements for battery supplied electronic controlgear for emergency lighting (self-contained), \$82.00

[IEC 61347-2-7 Ed. 3.1 b:2017](#), Lamp controlgear - Part 2-7: Particular requirements for battery supplied electronic controlgear for emergency lighting (self-contained), \$410.00

MARITIME NAVIGATION AND RADIOCOMMUNICATION EQUIPMENT AND SYSTEMS (TC 80)

[IEC 62065 Ed. 2.0 b:2014](#), Maritime navigation and radiocommunication equipment and systems - Track control systems - Operational and performance requirements, methods of testing and required test results, \$375.00

OTHER

[CISPR 25 Ed. 4.0 b cor.1:2017](#), Corrigendum 1 - Vehicles, boats and internal combustion engines - Radio disturbance characteristics - Limits and methods of measurement for the protection of on-board receivers, \$0.00

[IEC/CA 01 Ed. 2.0 en:2017](#), IEC Conformity Assessment Systems - Basic Rules, \$0.00

SAFETY OF HAND-HELD MOTOR-OPERATED ELECTRIC TOOLS (TC 116)

[IEC 62841-4-1 Ed. 1.0 b:2017](#), Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 4-1: Particular requirements for chain saws, \$317.00

[IEC 62841-3-14 Ed. 1.0 b:2017](#), Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 3-14: Particular requirements for transportable drain cleaners, \$164.00

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)

[IEC 60335-2-43 Ed. 4.0 en:2017](#), Household and similar electrical appliances - Safety - Part 2-43: Particular clothes dryers and towel rails, \$117.00

[IEC 60335-2-103 Amd.1 Ed. 3.0 en:2017](#), Amendment 1 - Household and similar electrical appliances - Safety - Part 2-103: Particular requirements for drives for gates, doors and windows, \$12.00

[IEC 60335-2-103 Ed. 3.1 en:2017](#), Household and similar electrical appliances - Safety - Part 2-103: Particular requirements for drives for gates, doors and windows, \$469.00

IEC Technical Reports

SEMICONDUCTOR DEVICES (TC 47)

[IEC/TR 63133 Ed. 1.0 en:2017](#), Semiconductor devices - Scan based ageing level estimation for semiconductor devices, \$117.00

Registration of Organization Names in the United States

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

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

PUBLIC REVIEW

ORSUS

Public Review: August 11 to November 9, 2017

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

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

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

Proposed Foreign Government Regulations

Call for Comment

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

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

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

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

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

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

Information Concerning

American National Standards

Call for Members

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

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

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

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

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

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

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

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

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

ANSI Accredited Standards Developers

Withdrawal of ASD Accreditation

Caveon, LLC

At its request, the ANSI accreditation of Caveon, LLC as a developer of American National Standards has been administratively withdrawn, effective October 11, 2017. Caveon, LLC currently maintains no American National Standards. For additional information, please contact: Ms. Jamie Mulkey, Ed.D., Vice-President, Client Services, Caveon, LLC, 6905 South 1300 East #468, Midvale, UT 84047; phone: 916.873.2900; e-mail: jamie.mulkey@caveon.com.

FamilyFarms

At its request, the ANSI accreditation of FamilyFarms as a developer of American National Standards has been administratively withdrawn, effective October 11, 2017. FamilyFarms currently maintains no American National Standards. For additional information, please contact: Ms. Marj Ocheltree, FF Program Manager, Praedium Ventures, LLC, P.O. Box 7598; Urbandale, IA 50323; phone: 515.362.7555; e-mail: ocheltrm@praediumventures.com.

Joint Committee on Standards for Educational Evaluation (JCSEE)

The Joint Committee on Standards for Educational Evaluation (JCSEE) has requested the formal withdrawal of its accreditation as a developer of American National Standards. Consequently, as every American National Standard (ANS) must have an accredited sponsor, the following JCSEE-sponsored standards are withdrawn as ANS:

ANSI/JCSEE Personnel Evaluation Standard – 2008: The Personnel Evaluation Standard

ANSI/JCSEE PgES3-2010: The Program Evaluation Standard

BSR/JCSEE SES-2002 (R201x): The Student Evaluation Standards (registered project administratively withdrawn from consideration)

These actions are taken, effective October 18, 2017. For additional information, please contact: Ms. Barbara B. Howard, EdD, Chair, Faculty Senate of Appalachian State, Associate Professor, Program Director, School Administration, Leadership & Educational Studies, 151 College Street, Appalachian State University, Boone, NC 28608; phone: 828.262.7619; e-mail: howardbb@appstate.edu.

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 279 – Innovation management

ANSI has been informed that the American Society for Quality (ASQ), the ANSI-accredited U.S. TAG Administrator for ISO/TC 279, wishes to relinquish their role as U.S. TAG Administrator.

ISO/TC 279 operates under the following scope:

Standardization of terminology tools and methods and interactions between relevant parties to enable innovation.

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

Establishment of ISO Technical Committee

ISO/TC 312 – Excellence in service

A new ISO Technical Committee, ISO/TC 312 – Excellence in service, has been formed. The Secretariat has been assigned to Germany (DIN).

ISO/TC 312 operates under the following scope:

Standardization in the field of excellence in service

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

Establishment of ISO Subcommittee

ISO/TC 34/SC 19 – Bee products

ISO/TC 34 – Food products has created a new ISO Subcommittee on Bee products (SC 19). The Secretariat has been assigned to China (SAC).

ISO/TC 34/SC 19 operates under the following scope:

Standardization of the whole process and circulation of bee products, including but not limited to the following: products standards, basic standards, beekeeping practices, quality standards, testing method standards and storage and transportation standards.

Food safety standards are excluded (already covered in TC 34/SC 17).

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

ISO New Work Item Proposal

Privacy by Design for Consumer Goods and Services

Comment Deadline: October 27, 2017

COPOLO, ISO consumer policy committee, along with BSI, the ISO member from the UK, has submitted to ISO a new work item proposal for the development of an ISO standard on Privacy by design for consumer goods and services, with the following scope statement:

Specification of the design process to provide consumer goods and services that meet consumers' domestic processing privacy needs as well as the personal privacy requirements of Data Protection.

In order to protect consumer privacy the functional scope includes security in order to prevent unauthorized access to data as fundamental to consumer privacy, and consumer privacy control with respect to access to a person's data and their authorized use for specific purposes.

The process is to be based on the ISO 9001 continuous quality improvement process and ISO 10377 product safety by design guidance, as well as incorporating privacy design JTC1 security and privacy good practices, in a manner suitable for consumer goods and services.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, October 27, 2017.

U.S. Technical Advisory Groups

Approval of TAG Accreditation

U.S. TAG to ISO PC 310 – Wheeled Child Conveyances

ANSI's Executive Standards Council (ExSC) has formally approved the accreditation of the U.S. Technical Advisory Group to ISO PC 310, Wheeled Child Conveyances, under the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities (Annex A of the ANSI International Procedures) with ASTM serving as TAG Administrator, effective October 13, 2017. For additional information, please contact: Mr. Len Morrissey, Director, ASTM, 100 Barr Harbor Drive, West Conshohocken, PA 19428; phone: 610.832.9719; e-mail: lmorris@astm.org.

Information Concerning International Organization for Standardization

ISO New Work Item Proposal

Indirect, Temperature-Controlled Refrigerated Delivery Services – Land Transport of Parcels with Intermediate Transfer

Comment Deadline: October 27, 2017

JISC, the ISO member body for Japan, has submitted to ISO a new work item proposal for the development of an ISO standard on Indirect, temperature-controlled refrigerated delivery services – Land transport of parcels with intermediate transfer, with the following scope statement:

This standard specifies requirements for the provision and operation of indirect, temperature-controlled refrigerated delivery services for refrigerated parcels (which might contain temperature-sensitive goods like food, plants, chemical products and cosmetics) in land transport refrigerated vehicles. It includes all refrigerated delivery service stages from the acceptance (receipt) of a refrigerated parcel from its delivery service user all the way to its delivery at the designated destination, including intermediate transfer of the refrigerated parcels between refrigerated vehicles and via geographical routing. This standard also includes requirements for resources, operations and communications to delivery service users. It is intended for application by refrigerated delivery service providers.

It does not cover requirements for refrigerated parcel delivery via the modes of transport by airplane, ship and train. It also does not cover separate requirements for refrigerated parcels that may be transported in ambient temperatures due to the fact that they contain their own refrigeration materials (e.g. ice packs, refrigerated foam bricks, dry ice blocks) and are surrounded and enclosed by sealed thermoprotective packaging that creates a separate refrigerated climate to that provided within the delivery service. However, these types of refrigerated parcels may be transported through a refrigerated delivery service.

It does not cover direct refrigerated courier services in which refrigerated parcels are collected from the delivery service user and transported directly to a recipient without in-transit transfer. It does not cover requirements for the quality or specifically for measuring the temperature of the contents of the refrigerated parcels being delivered and their pre-point of receipt state, but does set the requirements for the refrigerated delivery service carrying them. It also does not cover the transport of medical devices and medical equipment.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, October 27, 2017.

Information Concerning

International Organization for Standardization (ISO)

Call for U.S. Participation at ISO/TC 135 – *Non-destructive testing*

U.S. TAG Meeting Date: October 31, 2017

Please be advised that the [American Society for Nondestructive Testing](#) (ASNT), the ANSI-accredited U.S. TAG Administrator for ISO/TC 135, invites participants to attend the first open committee meeting to be held in conjunction with the ASNT Annual Conference as follows:

2017 ASNT Annual Conference

Location: Gaylord Opryland Resort and Convention

2800 Opryland Drive
Nashville, TN 37214

Room: Belle Meade CD

Committee Meeting: ISO TC-135/ US TAG

Committee Contact: James Bennett, jbennett@asnt.org

Date: 10/31/2017

Start Time: 10:30:00 AM

End Time: 12:30:00 PM

This will be an open meeting.

All U.S. stakeholder organizations in relevant fields and industries are strongly encouraged to join NDT professionals in the U.S. to review and comment on proposed international NDT standards. Lend your voice to the consortium that will promote the U.S. consensus position on NDT matters to the world.

ISO/TC 135 operates under the following scope:

Standardization covering non-destructive testing as applied generally to constructional materials, components and assemblies, by means of:

- *glossary of terms;*
- *methods of test;*
- *performance specifications for testing equipment and ancillary apparatus.*

Excluded:

- *quality levels;*
- *specifications for electrical equipment and apparatus, which fall within the range of IEC Committees.*

Organizations interested in participating in this meeting should contact the U.S. TAG Administrator, James Bennett (jbennett@asnt.org).

Information Concerning

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO/TC 69/SC 1 – Terminology and Symbols

Reply Deadline: November 13, 2017

Currently, the U.S. holds a leadership position as Secretariat of ISO/TC 69/SC 1 – *Terminology and symbols*. ANSI has delegated the responsibility for the administration of the Secretariat for ISO/TC 69/SC 1 to the American Society for Quality (ASQ). ASQ has advised ANSI of its intent to relinquish its role as delegated Secretariat for this committee.

ISO/TC 69/SC 1 operates under the following scope:

Development of standards related to Terminology and symbols within the scope of ISO/TC 69:

Standardization in the application of statistical methods, including generation, collection (planning and design), analysis, presentation and interpretation of data.

Note: ISO Council, by Council Resolution 12/1959 and Council Resolution 26/1961 has entrusted ISO/TC 69 with the function of advisor to all ISO technical committees in matters concerning the application of statistical methods in standardization.

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated Secretariat for ISO/TC 69/SC 1. Alternatively, ANSI may be assigned the responsibility for administering an ISO Secretariat. Any request that ANSI accept the direct administration of an ISO Secretariat shall demonstrate that:

1. The affected interests have made a financial commitment for not less than three years covering all defined costs incurred by ANSI associated with holding the Secretariat;
2. the affected technical sector, organizations or companies desiring that the U.S. hold the Secretariat request that ANSI perform this function;
3. the relevant U.S. TAG has been consulted with regard to ANSI's potential role as Secretariat; and
4. ANSI is able to fulfill the requirements of a Secretariat.

If no U.S. organization steps forward to assume the ISO/TC 69/SC 1 Secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity by November 13, 2017, then ANSI will inform the ISO Central Secretariat that the U.S. will relinquish its leadership of the committee. This will allow ISO to solicit offers from other countries interested in assuming the Secretariat role.

Information concerning the United States retaining the role of international Secretariat may be obtained by contacting ANSI's ISO Team (isot@ansi.org).



**BSR/ASHRAE Addendum bi to
ANSI/ASHRAE Standard 135-2016**

Public Review Draft

Proposed Addendum bi to Standard 135-2016, BACnet[®] - A Data Communication Protocol for Building Automation and Control Networks

**Fourth Public Review (October 2017)
(Draft Shows Proposed Independent Substantive
Changes to Previous Public Review Draft)**

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed standard, go to the ASHRAE website at www.ashrae.org/standards-research--technology/public-review-drafts and access the online comment database. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE website) remains in effect. The current edition of any standard may be purchased from the ASHRAE Online Store at www.ashrae.org/bookstore or by calling 404-636-8400 or 1-800-727-4723 (for orders in the U.S. or Canada).

This standard is under continuous maintenance. To propose a change to the current standard, use the change submittal form available on the ASHRAE website, www.ashrae.org.

The appearance of any technical data or editorial material in this public review document does not constitute endorsement, warranty, or guaranty by ASHRAE of any product, service, process, procedure, or design, and ASHRAE expressly disclaims such.

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ASHRAE, 1791 Tullie Circle, NE, Atlanta GA 30329-2305

BSR/ASHRAE Addendum *bi* to ANSI/ASHRAE Standard 135-2016, BACnet — *A Data Communication Protocol for Building Automation and Control Networks*
 Fourth (ISC) Public Review

[This foreword and the “rationales” on the following pages are not part of this standard. They are merely informative and do not contain requirements necessary for conformance to the standard.]

FOREWORD

The purpose of this addendum is to present a proposed change for public review. These modifications are the result of change proposals made pursuant to the ASHRAE continuous maintenance procedures and of deliberations within Standing Standard Project Committee 135. The proposed changes are summarized below.

135-2016*bi*-1. Add Audit Reporting, p. 2

135-2016*bi*-2. Change DeviceCommunicationControl Service for Audit Reporting, p. 46 (no change in this section)

135-2016*bi*-3. Modify Logging Objects to Allow for Extremely Large Logs, p. 49 (no change in this section)

In the following document, language to be added to existing clauses of ANSI/ASHRAE 135-2016 and Addenda is indicated through the use of *italics*, while deletions are indicated by ~~strike through~~. Where entirely new subclauses are proposed to be added, plain type is used throughout. Only this new and deleted text is open to comment at this time. All other material in this document is provided for context only and is not open for public review comment except as it relates to the proposed changes.

This is a review of Independent Substantive Changes that were made since the last public review. Areas where substantive changes have been made are **highlighted in gray**. In these areas, text that was removed from the previous public review is provided for reference but is shown in ~~double-strikeout~~ and text that that has been added is shown with double underlines. This notation allows changes between reviewed versions to be indicated while preserving the traditional meaning of italics and single strikeout to indicate changes to the standard.

Only the changes highlighted in gray are open to comment at this time. All other material in this addendum is provided for context only and is not open for public review comment except as it relates to the proposed changes.

The use of placeholders like X, Y, Z, X1, X2, N, NN, x, n, etc., should not be interpreted as literal values of the final published version. These placeholders will be assigned actual numbers/letters only after final publication approval of the addendum.

BSR/ASHRAE Addendum *bi* to ANSI/ASHRAE Standard 135-2016, BACnet — *A Data Communication Protocol for Building Automation and Control Networks*
Fourth (ISC) Public Review

135-2016*bi*-1. Add Audit Reporting.

Rationale

The standard currently has no definitions for an interoperable controller and workstation based audit reporting and logging.

This addendum adds a new Audit Reporter object type and new audit notification services to report auditable actions. A new Audit Log object type and a new audit query service is added to log and retrieve audit notifications.

Both BACnet clients and servers are allowed to report auditable actions. Servers report changes to local objects, clients report successful and attempted changes along with extra information such as reason for change. The consumer of the logs will be responsible for correlating the multiple entries for a single action.

Configuration of audit reporting is supported on a per object basis with different levels of auditing.

[Insert new **Clause 19.Y**, p. 756]

[Note to reviewer: the mapping definition added in Table 19-Y3 will appear on page 9 of the addendum]

...

19.Y.5 Audit Operations

The 'Operation' field of an audit notification indicates the operation requested or performed. The mapping of standard BACnet services to the BACnetAuditOperation enumeration is shown in Table 19-Y3. When a service allows multiple object or property targets (e.g., ReadPropertyMultiple, WritePropertyMultiple, etc.), each target shall be reported in a separate notification.

Table 19-Y3. Service to Audit Operation Mapping

Audit Operation	BACnet Service	Comment
...
LIFE_SAFETY	LifeSafetyOperation	<p>The 'Target Value' shall include the 'Requesting Process Identifier' and 'Request' parameters in a BACnetLifeSafetyOperationInfo sequence.</p> <p>The 'Source Comment' shall be set to, or include, the 'Requesting Source' parameter value.</p>
...

...

[Insert new productions into **Clause 21**, section 'Base Types', preserving the alphabetical order, p. 805]

[Note to reviewer: This additional production will appear on page 38 of the addendum]

...

```

BACnetLifeSafetyOperationInfo ::= SEQUENCE {
  requesting-process-identifier [0] Unsigned,
  request [1] BACnetLifeSafetyOperation
}

```

...

Background:

In the September 24, 2017 review of the comments issued during document D037's ballot, six items were proposed and accepted by the assembled subcommittee. These items were considered substantive in nature, and thus, require formal approval.

This ballot contains the following items requiring approval.

Ballot Content:

To the approved content of Draft Document D037, to be formally identified as BICSI 008-18, do the following items:

Note: For all items, addition(s) are indicated by underline, with deletion(s) indicated by ~~strikethrough~~.

Item 1)

Make the following changes to Section 4.1 Definitions

dipole	An antenna formed by splitting two wires of a two-wire transmission line, and bending them back to form a single straight line. The antenna feed is in the middle of the dipole antenna, where the split occurs. A dipole antenna is a resonant antenna. The optimal length of a dipole antenna is one half of the wavelength of the signal being received or transmitted by the antenna. A dipole antenna is <u>considered</u> a narrowband antenna, operating efficiently in only a narrow band of frequencies. <u>Typically, the antenna feed is in the middle where the split occurs.</u>
adjacent channel interference	The radio frequency interference (RFI) caused by residual energy outside the nominal bandwidth of an adjacent channel signal spilling into the wanted channel signal on two systems operating in close proximity on side-by-side channels. <u>A condition that occurs when two or more access point radios are providing radio frequency (RF) coverage to the same physical area using overlapping frequencies. Simultaneous RF transmission by two or more access point radios in such a configuration can cause system latency issues and throughput degradation.</u>
morphology	The relevant physical characteristics of the venue that cause the path loss to differ from the free space model. A radio frequency (RF) signal's propagation is unique to each venue, being impacted by numerous factors, including the type of venue (arena, stadium, offices, cubicles, tunnel, outdoor open space, etc.); the venue structural materials (concrete, steel, wood, etc.); the signal's frequency and the modulation method. Therefore, a simple calculation, such as free space loss, cannot accurately predict actual RF signal coverage, especially indoors.
isotropic	<u>Radiating with uniformity in all directions from a single point.</u> <u>NOTE: Some objects described as isotropic (e.g., isotropic antenna) are considered an ideal rather than physically existing item.</u>

Item 2)

Make the indicated changes in Section 6.5.6

6 Wireless LAN Systems**6.5 WLAN Personnel****6.5.6 Cabling Installer****6.5.6.1 Overview**

The cabling installer installs and terminates the cables at the location in the buildings where the APs are to be installed (or close to the location with some flexibility to move the cable to the location). ~~The cabling needs to be done within the building specifications taking cabling pathways and, cabling standards into account (see Section 7).~~ Different types of cabling can be involved installing a WLAN solution (copper data cabling, copper power cabling, copper antenna cabling, and fiber optic cabling). Labeling of all cable and patching equipment installed is important for the follow up installation of WLAN devices. It is important that the cabling installer understands at a high level the wireless design concept from a cabling implementation perspective. If the cabling installer is also to mount the access points and/or external antennas they should be aware of any design or device placement limitations.

6.5.6.2 Requirements

The cabling installer ~~needs~~ shall possess and be able to apply knowledge of the different types of connectors used ~~(e.g., for antenna cabling (e.g., if pigtail cables are required). Also cabling is needed, and~~ for other equipment (e.g., wireless controller) that needs to be installed ~~in the data center or computer room (e.g. a wireless controller).~~ The cabling installer shall perform cabling and pathway installation in accordance to national and local codes and cabling and pathway standards (see Section 7).

After the installation of the infrastructure the installer shall test and validate the cable plant. Documentation shall be submitted to the customer as part of the final commissioning report providing detail that the cable met the required specifications.

Item 3)

Make the indicated changes in Section 6.5.7

6 Wireless LAN Systems**6.5 WLAN Personnel****6.5.7 Wireless Installer**

For the commissioning of the system, detailed configuration documents ~~need to~~ shall be provided by the wireless installer. ~~(including the RF environment, the configuration of the equipment, services tests (e.g., roaming, performance, security penetration).~~ This is ~~called~~ part of the "as-built" documentation and includes information such as the RF environment, the configuration of the equipment, and services tests (e.g., roaming, performance, security penetration).

Item 4)

Delete Section 7.3.2

*Rationale: The content of this section is incorporated by reference in Section 7.3.1***7 WLAN Cabling Infrastructure Design****7.3 Spaces****7.3.1 General Requirements**~~**7.3.2 Telecommunications Enclosures**~~~~**7.3.2.1 Introduction**~~~~Telecommunications enclosures (TEs) provide a space for connections between backbone cabling and horizontal cabling, consolidation and horizontal connection points, and houses electronic equipment to support devices in the area served. TEs are typically intended to serve a portion of a floor in a building.~~~~**7.3.2.2 Requirements**~~~~TEs shall be sized and provisioned to accommodate enough space for all planned equipment, offering suitable access to the equipment for maintenance and administration, including planned growth based on a five to ten year plan. The TE shall be located as close as practicable to the center of the area served.~~~~The design, provisioning, and environmental conditions of TEs shall be in accordance to applicable standards (e.g., TIA-569-D, ISO/IEC 14763-2).~~~~TEs shall:~~

- ~~• Comply with the requirements of applicable codes and standards (e.g., NFPA-70) for working space around electrical service equipment and enclosures.~~
- ~~• Provide the ability to separate network and data equipment from equipment of other systems served by the TE.~~
- ~~• Be designed to incorporate security measures to restrict unauthorized access to the space.~~
- ~~• Provide a key control plan or other access control prior to installation, if locking boxes are required.~~

~~NOTE: Use mechanical tamper switches for enclosures in high security areas.~~~~Enclosures installed outdoors shall be selected to meet or exceed the environmental conditions for the particular region. Additionally, outdoor enclosures supporting WLAN infrastructure shall meet the following:~~

- ~~• Enclosures exposed to weather shall be corrosion resistant and meet applicable site specifications for resistance to moisture and dust entry.~~
- ~~NOTE: See standards, such as NEMA 250, *Enclosures for Electrical Equipment (1000 Volts Maximum)* and IEC 60529, *Degrees of protection provided by enclosures (IP Code)*, for more information concerning moisture and dust ingress ratings of enclosures.~~
- ~~• Penetrations of enclosures shall maintain and not reduce the designated enclosure rating (i.e. IP or NEMA classification)~~
 - ~~• Outdoor enclosure penetrations shall be sealed with a sealant approved by the cable manufacturer to prevent moisture from entering.~~

~~TEs that support power and data transmission that are located in limited access spaces (e.g., above suspended ceiling, crawl spaces) shall be located so all enclosure doors or panels may open a minimum of 90 degrees. A working space shall be provided that has a minimum depth of 900 mm (36 in) and a minimum width being the greater value of the 760 mm (30 in) or the width of the equipment. An opening not smaller than 560 mm × 560 mm (22 in × 22 in) shall be provided for TEs above suspended ceilings and an opening not smaller than 560 mm × 760 mm (22 in × 30 in) for TEs located in crawl spaces.~~~~**7.3.2.3 Recommendations**~~~~When multiple TEs are located on the same floor, they should be interconnected by a minimum of one metric designator 78 (trade size 3) conduit or equivalent pathway.~~

Item 5)

Within Section 7.4.4.2, make the following change:

7 WLAN Cabling Infrastructure Design**7.4 Cabling Pathways****7.4.4 Pathway Separation from Power and EMI Sources****7.4.4.2 Requirements**

The separation guidelines offered by applicable codes, standards and regulations and enforced by the AHJ shall be followed. Several examples of applicable codes and standards that offer separation guidelines include:

- BS 6701, *Telecommunications equipment and telecommunications cabling. Specification for installation, operation and maintenance*
- BS 7671, *Requirements for Electrical Installations. IET Wiring Regulations*
- EN 50174-2, *Information technology – Cabling installation – Part 2: Installation planning and practices inside buildings*
- IEC 60364-5-52, *Electrical installations of buildings – Part 5-52: Selection and erection of electrical equipment – Wiring systems*
- ~~ISO/IEC 11801-1, *Generic cabling for customer premises – Part 1: General requirements*~~
- ISO/IEC 14763-2, *Information technology – Implementation and operation of customer premises cabling – Part 2: Planning and installation*
- NFPA 70[®], *National Electrical Code*[®]
- ANSI/TIA-569-D, *Telecommunications Pathways and Spaces*
- ANSI/TIA-1005-A, *Telecommunications Infrastructure Standard for Industrial Premises*

Item 6)

Within Section 7.5.2.2, make the following change:

7 WLAN Cabling Infrastructure Design**7.5 Cabling****7.5.2 Horizontal Cabling****7.5.2.2 Requirements**

For new installations, horizontal cabling supporting APs and antennas shall follow all applicable standards requirements and recommendations (e.g., ~~ANSI/TIA-568.1-D~~ ANSI/TIA-862-B, TIA-TSB-162-A, ISO/IEC 11801-6).

BSR/UL 125, Standard for Safety for Flow Control Valves for Anhydrous Ammonia and LP-Gas

1. Revision to requirements regarding latching fill nozzles for fill valves used with propane vehicles

CONSTRUCTION

21 Lever Operated Transfer Valves and LP-Gas Hose Nozzle Valves

21.3 A LP-Gas hose nozzle valve shall be self-closing upon removal of the manual force, or automatic release of the operating lever, or release of the latch-open mechanism.

~~21.4 A LP-Gas hose nozzle valve shall not incorporate a latch-open mechanism that will prevent the valve from being self-closing.~~

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BSR/UL 444, Standard for Communications Cables

1. Proposed Change to the Dielectric Strength Test, Revised 6.3.1

PROPOSAL

6.3 Dielectric strength

6.3.1 The dielectric strength requirement shall be chosen based on the construction (see Clauses 6.3.2 - 6.3.5; see Clause 7.21 for cross-connect wire) and shall be tested in one of the following ways by the cable manufacturer at the cable factory (in accordance with the procedure outlined in the test, Dielectric voltage-withstand, in CSA C22.2 No. 2556 or UL 2556):

- a) The jacketed cable shall be tested on each master reel before the final rewind operation, or as individual shipping lengths, or after the final rewind operation. A master reel is any reel containing a single length of finished cable that is intended to be cut into shorter lengths for shipping.
- b) For cables produced utilizing a manufacturing process consisting of the cabling/pairing of conductors, jacketing, and packaging in one continuous operation, the following process is permitted:

The first packaged length of finished cable from each production run shall be tested. An additional packaged length shall be tested after 50,000 feet, and each 50,000 feet thereafter.

In the event of a dielectric breakdown of the insulation in a given production run, all the packaged lengths in that run shall be subjected to the dielectric withstand test.

- c) The assembled cable shall be tested for dielectric strength before the overall jacket is applied. In this case, either:
 - 1) One shipping length from each master reel of the finished cable shall also be tested for dielectric strength. If there is a dielectric breakdown of the insulation on any conductor in the finished cable in that length, 100 percent of the finished cable on the master reel from which the length was taken shall be tested, or
 - 2) The assembled cable is subjected to the "Spark test after insulating", as described in Clause 6.1, prior to the application of the overall jacket and again after jacketing prior to final rewind in one continuous operation.

Note: Where an ac voltage is used, the frequency is to be 48 - 62 Hz.

BSR/UL 969, Standard for Safety for Marking and Labeling Systems**1. Specify More Specific Dimensions for the Roller Used to Apply the Test Samples to the Panels****PROPOSAL**

6.2 Pressure-sensitive labels - Samples are to be applied to cleaned test surfaces as described below. Alternatively, if the manufacturer provides specific application instructions, the manufacturer's instructions shall be followed. The release liner is to be removed from the construction, and the sample is to be held by the edges only and placed on the test surface with care to avoid bending and entrapment of air. To attach the sample uniformly, including edges and corners, a roller is to be rolled back and forth across the surface in each direction with manual pressure sufficient to provide uniform and complete contact with the test surface. A smooth surfaced cylindrical roller (wood, plastic, or hard rubber) about 1-1/4 in (31.8 mm) in diameter and 1-1/4 in (31.8 mm) wide may be used. a steel roller 3.25 ±0.1 inch (80 ±2.5 mm) in diameter and 1.75 ±0.05 inches (45 ±1 mm) wide with a rubber coating that has a durometer hardness of 80 ±5 Shore A is to be used. The entire roller shall weigh 4.5 ±0.1 lbs (2000 ±50 g).

6.2A The label should be rolled back and forth in the lengthwise direction. The sample shall be rerolled if it appears that any air is trapped between the label and the surface.

2. Addition of thermal shock requirements that have been applied to labels affixed to PWB's and clarification of labels evaluated for use in Class I, Division 1 hazardous locations**PROPOSAL****Table 7.4***Exposure conditions for common agents*

Agent	Exposure condition^a
Cooking oil	Immersion for 48 ±0.5 h in corn oil.
Detergent (dishwasher)	Immersion for 48 ±0.5 h in a solution of 25 ±1 g of granular dishwashing detergent ^b specified in the Standard for Household Dishwashers, UL 749, in 1 L of demineralized water.
Detergent (laundry)	Immersion for 48 ±0.5 h in a solution of 25 ±1 g of granular laundry detergent ^b specified in the Standard for Electric Clothes Washing Machines and Extractors, UL 2157, in 1 L of demineralized water.
Fuel Oil No. 1	Immersion for 48 ±0.5 h in fuel oil No. 1.
Fuel Oil No. 2	Immersion for 48 ±0.5 h in fuel oil No. 2.

Gasoline (splashing)	Immersion for 60 ±5 min in ASTM Reference Fuel C. ^c
Kerosene	Immersion for 48 ±0.5 h in kerosene.
Lubricating oil	Immersion for 48 ±0.5 h in IRM903 Oil.
Hydraulic fluid	Immersion for 48 ±0.5 h in hydraulic fluid that has a ISO Viscosity grade of 46.
Thermal Shock	<u>Exposure in one of the following mediums as specified in the Standard for Printed-Wiring Boards, UL 796; 1) Convection Oven, 2) Sand Bath, 3) Solder pot or 4) IR Reflow Oven. The soldering or equivalent operation should be conducted at the maximum temperature and dwell time specified by the manufacturer.</u>
^a The liquid for the immersion test is to be maintained at the temperature the liquid will attain in service, but not less than 23 ±2°C (73.4 ±3.6°F).	
^b For dishwashing applications, Cascade may be used; for clothes-washing machine applications, Tide may be used.	
^c A 50/50 mixture by volume of isoöctane and toluene.	

7.3.1 Marking and labeling systems intended to be applied to products for use in Class I, Division 1, ~~Zone 0 or Zone 1~~ hazardous locations shall be subjected to the applicable exposure conditions specified in 7.1.1 - 7.1.6 and shall be subjected to the conditions specified in 7.3.2 - 7.3.4.

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BSR/UL 60745-2-16, Standard for Safety for Hand-Held Motor-Operated Electric Tools – Safety – Part 2-16: Particular Requirements for Tackers

3.111DV D2 Addition: Add Clause 3.111DV to Clause 3 of the Part 2:

pinner: tool capable of driving headless fasteners up to 51 mm in length and a maximum gauge of 23 (0.64 mm) diameter

19.101 The tool shall be provided with a user-operated trigger such that the tool cannot be actuated when the trigger is in a released position (i.e. in an "off" position) and either:

- a) have a workpiece contact so that it is not possible to operate the tool unless both the trigger and the workpiece contact have been activated, or
- b) be so designed that the fasteners have a speed in free air at the point they leave the tool no greater than 15 m/s, and have a mass no greater than 0,3 g.

In addition, it shall not be possible to eject fasteners consecutively without first either operating the trigger or the workpiece contact.

Compliance is checked by inspection, measurement and by practical tests in all possible positions of use of the tool.

19.101DV D2 Modification: Replace Item (b) of Clause 19.101 of the Part 2 with the following:

b) Be light duty tool so designed that the fasteners up to 51 mm in length and a maximum 23 gauge (0.64 mm), where viewing/accurate placement is necessary shall operate by a dual activation device which only operates by two sequential dissimilar actions.