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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: July 1, 2018

NSF (NSF International)

Revision

BSR/NSF 347-201x (i5r1), Sustainability Assessment for Single Ply Roofing Membranes (revision of ANSI/NSF 347-2012a)

This Standard establishes an approach to the evaluation of the sustainability of single-ply roofing membranes. The Standard includes criteria across the product lifecycle from raw-material extraction through manufacturing, use, and end-of-life management.

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

Send comments (with copy to psa@ansi.org) to: Kianda Franklin, (734) 827-3813, kfranklin@nsf.org

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1026-201X, Standard for Safety for Household Electric Cooking and Food Serving Appliances (Proposal dated 5-25-18) (revision of ANSI/UL 1026-2018)

This Recirculation provides changes to Topic 2 of the UL 1026 proposal dated 2017-10-13. Although this proposal reached consensus for inclusion in the standard, the proposal author has decided to withdraw this proposal pending further discussion and review of this topic. Therefore, the proposal for this topic is now proposed to be withdrawn.

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

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1449-201x, Standard for Safety for Surge Protective Devices (revision of ANSI/UL 1449-2017)

(1) Allowance for lower power factors during intermediate current testing.

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

Send comments (with copy to psa@ansi.org) to: Mitchell Gold, (847) 664-2850, mitchell.gold@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1971-201x, Standard for Safety for Signaling Devices for the Hearing Impaired (revision of ANSI/UL 1971-2008 (R2013))

Proposal dated 6/1/2018 to revise the Signal Strength and Format test to address LED strobes.

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

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

Comment Deadline: July 16, 2018

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

BSR/AAMI/ISO 18250-6-201x, Connectors for Reservoir Delivery Systems for Healthcare Applications - Part 6: Neural Applications (identical national adoption of ISO 18250-6)

Specifies the connectors recommended for the outlet ports of neural reservoirs and inlet ports of neural giving sets.

Single copy price: Free

Obtain an electronic copy from: https://standards.aami.org/higherlogic/ws/groups/PUBLIC_REV/documents

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

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

BSR/AAMI/ISO 18250-8-201x, Connectors for reservoir delivery systems for healthcare applications - Part 8: Citrate-based anticoagulant solution for apheresis applications (identical national adoption of ISO 18250-8)

Specifies dimensions and requirements for the design and functional performance of apheresis AC reservoir connectors.

Single copy price: Free

Obtain an electronic copy from: https://standards.aami.org/higherlogic/ws/groups/PUBLIC_REV/documents

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

AGA (ASC Z380) (American Gas Association)

Addenda

BSR/GPTC Z380.1-2018 TR 2014-28-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

Review existing GM 5.4 Procedure – Inside leak or odor complaint, (i), and develop GM to address determining if there is an immediate threat to life and property, and actions to take in that situation.

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>
Order from: Michael Bellman, (202) 824-7183, mbellman@aga.org

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

AGA (ASC Z380) (American Gas Association)

Addenda

BSR/GPTC Z380.1-2018 TR 2014-29-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

Review existing (m) under GM 5.4 Procedure – Inside leak or odor complaint and develop GM to minimize the likelihood that the service line will be punctured.

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>
Order from: Michael Bellman, (202) 824-7183, mbellman@aga.org

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

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

BSR/GPTC Z380.1-2018 TR 2015-12-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

Review existing GM and revise as appropriate in light of Amendment 191-23, 192-120. re: 60-day notification

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

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

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

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

BSR/GPTC Z380.1-2018 TR 2016-22-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

Provide additional support for deciding when it is necessary to purge short, smaller-diameter piping (e.g., service lines less than 2 inches in diameter and less than 500 feet in length).

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

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

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

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

BSR/GPTC Z380.1-2018 TR 2016-23-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

Update definition of utility gas plant.

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

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

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

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

BSR/GPTC Z380.1-2018 TR 2016-31-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

Review ADB-2016-05 and revise GM as appropriate. Re: Abandonment or deactivation of facilities

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

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

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

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

BSR/GPTC Z380.1-2018 TR 2016-35-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

Review Amdt. 192-121 and revise existing GM as appropriate. Re: EFV installations. Review existing GM and revise as appropriate in light of PHMSA Webinar on EFV Q&A.

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

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

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

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

BSR/GPTC Z380.1-2018 TR 2017-10-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

Review Amdt. 191-25 and Amdt. 192-123, Operator Qualification, Cost Recovery, Accident and Incident Notification, and Other Pipeline Safety Changes, and revise GM as appropriate.

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

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

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

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

BSR/GPTC Z380.1-2018 TR 2017-21-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

Consider adding to GM 3.1 to map or otherwise document live service-line stubs that were not fully abandoned close to the tapping tee.

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

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

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

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

BSR/GPTC Z380.1-2018 TR 2017-33-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

Review existing GM and revise as appropriate. Re: Welding and passage of internal inspection devices when replacing transmission line with heavier wall pipe.

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

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

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

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

BSR/GPTC Z380.1-2018 TR 2017-38-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

Reorganize and reformat the GM under 192.1. Add GM headings and group GM under those headings.

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

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

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

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

BSR/GPTC Z380.1-2018 TR 2018-06-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

Review GM Table 192.461i and NACE RP0375, and then consider if a revision should be made such as changing reference from Section 6 to Section 5

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

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

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

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

BSR/GPTC Z380.1-2018 TR 2018-07-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

Review GM 3 under 192.473 and consider if a revision should be made, such as deleting the reference to 192.465(d).

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

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

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

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

BSR/GPTC Z380.1-2018 TR 2018-08-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

Review 1(f) under 192.553 and determine if 192.740 should also be referenced.

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

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

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

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

BSR/GPTC Z380.1-2018 TR 2018-11-201x, Guide for Transmission, Distribution and Gathering Piping Systems (addenda to ANSI/GPTC Z380.1-2018)

Review 2(b) and 3 under Appendix C and consider making the draft guide revisions. Re: Test specimen coupons and additional tests for welders.

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

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

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

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

BSR/GPTC Z380.1-2018 TR 2012-05-201x, Guide for Transmission, Distribution and Gathering Piping Systems (revision of ANSI/GPTC Z380.1-2018)

Review GM 192.305 and consider additional guidance on construction inspection and the responsibilities of a construction inspector. Consideration should also be given to the construction of service lines.

Single copy price: Free

Obtain an electronic copy from: <https://www.aga.org/events-community/committees/ansi-asc-gptc-z380---gas-piping-technology/>

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

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

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

BSR/ASABE S624 MONYEAR-201x, Grain Bin Access Design Safety (new standard)

This standard will provide recommendations for design parameters in new grain storage bins. It applies to new corrugated and smooth-wall steel bins used to store various types of free-flowing grain. Excluded from this standard are any steel bins that meet both of the following criteria:

- (a) The bin has no roof or sidewall access doors;
- (b) The center fill opening cover has a warning label stating that it is not a personnel access point.

These engineering parameters assist with safe entry into and exit from steel bins.

Single copy price: \$61.00

Obtain an electronic copy from: vangilder@asabe.org

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

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

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

Addenda

BSR/ASHRAE Addendum bj 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 introduces a BACnet Secure Connect Datalink Layer Option and a BACnet/SC in the Network Layer Specifications, adds new Annex YY for the BACnet Secure Connect Datalink Layer Option, extends the Network Port Object Type for BACnet/SC, adds and extends ASN.1 Types for BACnet/SC; introduces new Error Codes for BACnet/SC; and defines Interoperability Specification Extensions for BACnet/SC.

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>

ASSP (ASC A10) (American Society of Safety Professionals)

Revision

BSR/ASSP A10.28-201X, Safety Requirements for Work Platforms Suspended from Cranes or Derricks (revision and redesignation of ANSI/ASSE A10.28-2011)

This standard applies to platforms suspended from the load lines of cranes or derricks in order to (1) perform work at elevations that cannot normally be reached by other types of scaffolds or aerial work platforms or (2) transport personnel to elevations where other means of access are unsafe or impractical because of design or worksite conditions.

Single copy price: \$80.00

Obtain an electronic copy from: TFisher@ASSE.org

Order from: Tim Fisher, (847) 768-3411, TFisher@ASSE.org

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

ASTM (ASTM International)

New Standard

BSR/ASTM WK47007-201x, Test Method for Impact Attenuation of Turf Playing Systems Designated for Rugby (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

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

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

ASTM (ASTM International)

Reaffirmation

BSR/ASTM E1355-2012 (R201x), Guide for Evaluating the Predictive Capability of Deterministic Fire Models (reaffirmation of ANSI/ASTM E1355-2012)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

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

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

ASTM (ASTM International)

Revision

BSR/ASTM D1655-201x, Specification for Aviation Turbine Fuels (revision of ANSI/ASTM D1655-2018)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

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

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

ASTM (ASTM International)

Revision

BSR/ASTM D3241-201x, Test Method for Thermal Oxidation Stability of Aviation Turbine Fuels (revision of ANSI/ASTM D3241-2018)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

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

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

ASTM (ASTM International)

Revision

BSR/ASTM D7566-201x, Specification for Aviation Turbine Fuel Containing Synthesized Hydrocarbons (revision of ANSI/ASTM D7566-2018)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

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

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

ASTM (ASTM International)

Revision

BSR/ASTM D7826-201x, Guide for Evaluation of New Aviation Gasolines and New Aviation Gasoline Additives (revision of ANSI/ASTM D7826-2017)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

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

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

ASTM (ASTM International)

Revision

BSR/ASTM D7915-201x, Practice for Application of Generalized Extreme Studentized Deviate (GESD) Technique to Simultaneously Identify Multiple Outliers in a Data Set (revision of ANSI/ASTM D7915-2014)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

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

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

ASTM (ASTM International)**Revision**

BSR/ASTM E119-201x, Test Methods for Fire Tests of Building Construction and Materials (revision of ANSI/ASTM E119-2018)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

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

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

ASTM (ASTM International)**Revision**

BSR/ASTM E2336-201x, Test Methods for Fire Resistive Grease Duct Enclosure Systems (revision of ANSI/ASTM E2336-2016)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

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

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

ASTM (ASTM International)**Revision**

BSR/ASTM E2989-201x, Guide for Assessment of Continued Applicability of Fire Test Reports Used in Building Regulation (revision of ANSI/ASTM E2989-2015)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

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

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

ASTM (ASTM International)**Revision**

BSR/ASTM E3048-201x, Test Method for Determination of Time to Burn-Through Using the Intermediate Scale Calorimeter (ICAL) Radiant Panel (revision of ANSI/ASTM E3048-2017)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

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

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

ASTM (ASTM International)**Revision**

BSR/ASTM F3059-201x, Specification for Fiber-Reinforced Polymer (FRP) Gratings Used in Marine Construction and Shipbuilding (revision of ANSI/ASTM F3059-2015)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

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

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

ATIS (Alliance for Telecommunications Industry Solutions)**New Standard**

BSR/ATIS 0600035-201x, Recommended Maintenance Routines and Frequencies for Central Office Backup Power (new standard)

This document is a guideline, recommending a baseline set of routines along with maintenance intervals (frequency) for central-office back-up power.

Single copy price: \$60.00

Obtain an electronic copy from: ablasgen@atis.org

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

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

BSR ATIS 0600333-2013 (R201x), Grounding and Bonding of Telecommunications Equipment (reaffirmation of ANSI ATIS 0600333-2013)

This standard defines and describes the grounding and bonding topologies commonly used for the installation of network telecommunications equipment in central offices and similar-type facilities. It addresses the baseline grounding and bonding requirements for telecommunications equipment, the associated dc and ac power facilities, and the interfacing of co-located telecommunications systems installed in central offices and similar facilities. In addition, the document defines a harmonized grounding and bonding terminology, using the terminology developed by the Telecommunication Standardization Sector of the International Telecommunication Union (ITU-T). Grounding and bonding information from other standards related to telecommunications equipment is also included.

Single copy price: \$220.00

Obtain an electronic copy from: <https://www.atis.org/docstore/product.aspx?id=27918>

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

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

BSR/ATIS 0600015.07-201x, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting - Wireline Access, Asymmetric Broadband Equipment (revision of ANSI ATIS 0600015.07-2013)

The standard provides the methodology by vendors and third-party independent laboratories in the formation of a telecommunications energy efficiency ratio. The requirements and definitions in this document are for Wireline Access equipment that provides standards-based asymmetric broadband service and is deployed in the telecommunications industry. This supplemental standard represents one part of the larger ATIS suite of standards concerning Telecommunications Energy Efficiency (ATIS 0600015). This supplemental standard (ATIS 0600015.07) specifically addresses access equipment and is to be used in conjunction with ATIS 0600015.

Single copy price: \$60.00

Obtain an electronic copy from: <https://www.atis.org/docstore/product.aspx?id=28006>

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

ATIS (Alliance for Telecommunications Industry Solutions)

Withdrawal

ANSI ATIS 0600009-2007 (R2012), RoHS-Compliant Plating Standard for Structural Metals, Bus Bars, and Fasteners (withdrawal of ANSI ATIS 0600009-2007 (R2012))

Prohibitions on the use of hexavalent chromium in sheet metal plating present an eco-design issue within a high impact on the US telecommunication industry. As the industry transitions to RoHS-compliant finishing, end-point specifications and quality standards are needed. This standard proposes text for specifying finishes, testing criteria and workmanship classifications.

Single copy price: \$60.00

Obtain an electronic copy from: ablasgen@atis.org

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

AWS (American Welding Society)

New Standard

BSR/AWS-NAVSEA B2.1-1-314-201X, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding with Consumable Insert Root of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-MS-1 and MIL-70S-2, in the As-Welded or PWHT Condition, Primarily Pipe for Naval Applications (new standard)

This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual gas tungsten arc welding with consumable insert root. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and joint designs for full penetration groove welds with consumable inserts. This SWPS-N was developed primarily for naval applications that require performance to NAVSEA Technical Publication S9074-AQ-GIB-010/248, Requirements for Welding and Brazing Procedure and Performance Qualification.

Single copy price: \$136.00

Obtain an electronic copy from: jrosario@aws.org

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

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

AWS (American Welding Society)

New Standard

BSR/AWS-NAVSEA B2.1-1-315-201X, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding with Consumable Insert Root followed by Shielded Metal Arc Welding of Carbon Steel (S-1), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-MS-1 MIL-70S-2, and MIL-7018-M in the As-Welded or PWHT Condition, Primarily Pipe for Naval Applications (new standard)

This standard contains the essential welding variables for carbon steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual gas tungsten arc welding with consumable insert root followed by shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and joint designs for full penetration groove welds with consumable inserts. This SWPS-N was developed primarily for naval applications that require performance to NAVSEA Technical Publication S9074-AQ-GIB-010/248, Requirements for Welding and Brazing Procedure and Performance Qualification.

Single copy price: \$136.00

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

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

AWS (American Welding Society)

New Standard

BSR/AWS-NAVSEA B2.1-8-321-201X, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding with Consumable Insert Root of Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-3XX, in the As-Welded Condition, Primarily Pipe for Naval Applications (new standard)

This standard contains the essential welding variables for austenitic stainless steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual gas tungsten arc welding with consumable insert root. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and joint designs for full penetration groove welds with consumable inserts. This SWPS-N was developed primarily for naval applications that require performance to NAVSEA Technical Publication S9074-AQ-GIB-010/248, Requirements for Welding and Brazing Procedure and Performance Qualification.

Single copy price: \$136.00

Obtain an electronic copy from: jrosario@aws.org

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

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

AWS (American Welding Society)

New Standard

BSR/AWS-NAVSEA B2.1-8-322-201X, Standard Welding Procedure Specification for Naval Applications (SWPS-N) for Gas Tungsten Arc Welding with Consumable Insert Root Followed by Shielded Metal Arc Welding of Austenitic Stainless Steel (S-8), 1/8 inch [3 mm] through 1-1/2 inch [38 mm] Thick, MIL-3XX and MIL-3XX-XX, in the As-Welded Condition, Primarily Pipe for Naval Applications (new standard)

This standard contains the essential welding variables for austenitic stainless steel in the thickness range of 1/8 inch [3 mm] through 1-1/2 inch [38 mm], using manual gas tungsten arc welding with consumable insert root followed by shielded metal arc welding. It cites the base metals and operating conditions necessary to make the weldment, the filler metal specifications, and joint designs for full penetration groove welds with consumable inserts. This SWPS-N was developed primarily for naval applications that require performance to NAVSEA Technical Publication S9074-AQ-GIB-010/248, Requirements for Welding and Brazing Procedure and Performance Qualification.

Single copy price: \$136.00

Obtain an electronic copy from: jrosario@aws.org

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

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

AWWA (American Water Works Association)

Revision

BSR/AWWA B407-201x, Liquid Ferric Chloride (revision, redesignation and consolidation of ANSI/AWWA B407-2012 and ANSI/AWWA B407a-2017)

This standard describes ferric chloride in aqueous (liquid) form for use in the treatment of potable water, wastewater, and reclaimed water. Applications of the chemical include (1) water softening with lime or a combination of lime and soda ash to improve hardness reduction and coagulation, and (2) water clarification, as a coagulant, followed by settling or filtration.

Single copy price: Free

Obtain an electronic copy from: ETSupport@awwa.org

Order from: AWWA, Vicki David, (303) 347-3431, vdavid@awwa.org

Send comments (with copy to psa@ansi.org) to: AWWA, Paul Olson, (303) 347-6178, polson@awwa.org; vdavid@awwa.org

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

BSR/AWWA B506-201x, Zinc Orthophosphate (revision of ANSI/AWWA B506-2013)

This standard describes zinc orthophosphate (ZOP) corrosion inhibitor in dry and liquid forms for use in the treatment of potable water, wastewater, or reclaimed water.

Single copy price: Free

Obtain an electronic copy from: ETSsupport@awwa.org

Order from: AWWA, Vicki David, (303) 347-3431, vdavid@awwa.org

Send comments (with copy to psa@ansi.org) to: AWWA, Paul Olson, (303) 347-6178, polson@awwa.org; vdavid@awwa.org

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

BSR/AWWA C105/A21.5-201x, Polyethylene Encasement for Ductile-Iron Pipe Systems (revision of ANSI/AWWA C105/A21.5-2010)

This standard describes materials and installation procedures for polyethylene encasement to be applied to underground installations of ductile-iron pipe. This standard also may be used for polyethylene encasement of fittings, valves, and other appurtenances to ductile-iron pipe systems.

Single copy price: Free

Obtain an electronic copy from: ETSsupport@awwa.org

Order from: AWWA, Vicki David, (303) 347-3431, vdavid@awwa.org

Send comments (with copy to psa@ansi.org) to: AWWA, Paul Olson, (303) 347-6178, polson@awwa.org; vdavid@awwa.org

NSF (NSF International)**New Standard**

BSR/NSF 455-1-201x, Terminology for the NSF/ANSI 455 Portfolio of Standards (new standard)

Definitions covered by this Standard consist of terminology related the NSF/ANSI 455 portfolio of Standards, including terms describing for dietary supplements, cosmetics/personal care products, over-the-counter drugs, and medical devices. This Standard includes common definitions of terms used throughout the NSF/ANSI 455 portfolio of Standards.

Single copy price: Free

Obtain an electronic copy from: https://standards.nsf.org/apps/group_public/download.php/42779/455-1%20-%20Terminology%20for%20455%20-%20OTC%20memo%20%26%20ballot.pdf

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

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

BSR/OPEI B175.4-201x, Standard for Outdoor Power Equipment - Portable, Handheld, Internal Combustion Engine-Powered Cut-off Machines - Safety and Environmental Requirements (revision of ANSI/OPEI B175.4-2013)

The standard applies to portable, handheld internal combustion engine-powered machines, which use a rotating cut-off (abrasive) wheel that is center-mounted on and driven by a spindle shaft, and designed for cutting construction materials such as asphalt, concrete, stone, and metal.

Single copy price: \$180.00

Obtain an electronic copy from: gknott@opei.org

Order from: Greg Knott, gknott@opei.org

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

RESNET (Residential Energy Services Network, Inc.)**Addenda**

BSR/RESNET/ICC 301-201x Addendum N-201x, Normative Appendix B, Inspection Procedures for Minimum Rated Features (addenda to ANSI/RESNET/ICC 301-2014)

Revise standard ANSI/RESNET/ICC 301-2014 to add Normative Appendix B that provides inspection procedures for minimum rated features determined when conducting energy ratings for dwelling units.

Single copy price: \$55.00

Obtain an electronic copy from: An electronic copy of the amendment can be downloaded from the RESNET website by following the links from web page <http://www.resnet.us/blog/resnet-consensus-standards/>

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

SAE (SAE International)**New Standard**

BSR/SAE J3097/Z26.1-201x, Standard for Safety Glazing Materials for Glazing Motor Vehicles and Motor Vehicle Equipment Operating on Land Highways - Safety Standard (new standard)

This standard prescribes test methods with minimum performance specifications, and provides vehicle location specifications for safety glazing materials for glazing motor vehicles and motor-vehicle equipment operating on land highways.

Single copy price: \$55.00

Obtain an electronic copy from: <https://www.sae.org/publications/books/content/sp-111/>

Send comments (with copy to psa@ansi.org) to: Jennifer Collins, (248) 273-2457, jennifer.collins@sae.org

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

BSR/UL 10A-2009a (R201x), Standard for Tin-Clad Fire Doors (reaffirmation of ANSI/UL 10A-2009a (R2013))

UL proposes a reaffirmation for ANSI approval of UL 10A-2009 (R2013).

Single copy price: Free

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

Send comments (with copy to psa@ansi.org) to: Wathma Jayathilake, (613) 368-4432, Wathma.Jayathilake@ul.com

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

BSR/UL 680-2004 (R201x), Standard for Emergency Vault Ventilators and Vault-Ventilating Ports (reaffirmation of ANSI/UL 680-2004 (R2014))

UL proposes a reaffirmation for ANSI approval of UL 680-2004 (R2014).

Single copy price: Free

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

Send comments (with copy to psa@ansi.org) to: Wathma Jayathilake, (613) 368-4432, Wathma.Jayathilake@ul.com

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

BSR/UL 753-2013 (R201x), Standard for Alarm Accessories for Automatic Water-Supply Control Valves for Fire Protection Service (reaffirmation of ANSI/UL 753-2013)

UL proposes a reaffirmation for ANSI approval of UL 753-2013.

Single copy price: Free

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

Send comments (with copy to psa@ansi.org) to: Wathma Jayathilake, (613) 368-4432, Wathma.Jayathilake@ul.com

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

BSR/UL 153-201x, Standard for Safety for Portable Electric Luminaires (revision of ANSI/UL 153-2017a)

This proposal for UL 153 covers:

- (1) Excluding work lights and hand lights with batteries from UL 153;
- (2) Portable luminaires with separately packaged power supply;
- (3) Damage to internal wiring;
- (4) Braided power supply cords;
- (5) Attachment plug configurations;
- (6) Portable luminaires with integral plant platform ("plant lamp");
- (7) Remove 50-foot cord length restriction;
- (8) Switches for tungsten-halogen portable luminaires with double-ended lamps;
- (9) Instructions for interconnected units;
- (10) Minimum letter height for form B and C markings;
- (11) Mounting requirements;
- (12) Grounding and polarization of interconnected unit load connectors;
- (13) Receptacle covers for wet-location portable luminaires;
- (14) Additional exception to the Stability Test;
- (15) Editorial revisions; and
- (16) Exposed Class 2 Conductor Abnormal Operation Test.

Single copy price: Free

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

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

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

BSR/UL 1660-201X, Standard for Safety for Liquid-Tight Flexible Nonmetallic Conduit (revision of ANSI/UL 1660-2014)

Publish an updated new edition which includes references to the Mexican Electrical Installation Code, reference publications, and ANCE references.

Single copy price: Free

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

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

Comment Deadline: July 31, 2018

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

UL (Underwriters Laboratories, Inc.)**New National Adoption**

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

UL proposes the adoption of the first edition of the Standard for Personal Flotation Devices - Part 4: Lifejackets, performance level 100 - Safety requirements, UL 12402-4.

Single copy price: Free

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

Send comments (with copy to psa@ansi.org) to: Nicolette Weeks, (919) 549 -0973, Nicolette.A.Weeks@ul.com

UL (Underwriters Laboratories, Inc.)**New National Adoption**

BSR/UL 12402-9-201X, Standard for Personal Flotation Devices - Part 9: Test Methods (national adoption of ISO 12402-9 with modifications and revision of ANSI/UL 12402-9-2015)

UL provides a proposed amendment to the Standard for Personal Flotation Devices - Part 9: Test Methods, UL 12402-9.

Single copy price: Free

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

Send comments (with copy to psa@ansi.org) to: Nicolette Weeks, (919) 549 -0973, Nicolette.A.Weeks@ul.com

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

BSR/UL 2524-201x, Standard for In-Building 2-Way Emergency Radio Communication Enhancement Systems (new standard)

The proposed first edition of the standard that covers products (e.g., repeater, transmitter, receiver, signal booster components, external filters, and battery charging system components) used for in-building 2-way radio emergency radio communication enhancement systems installed in a location to improve wireless communication at that location.

Single copy price: Free

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

Send comments (with copy to psa@ansi.org) to: Griff Edwards, 919 549 -0956, griff.edwards@ul.com

Projects Withdrawn from Consideration

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

UL (Underwriters Laboratories, Inc.)

BSR/UL 62841-3-13-201x, Standard for Safety for Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 3-13: Particular Requirements for Transportable Drills (national adoption with modifications of IEC 62841-3-13)

Inquiries may be directed to Beth Northcott, (847) 664-3198, Elizabeth.Northcott@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.

AAMI (Association for the Advancement of Medical Instrumentation)

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

Contact: *Colleen Elliott*

Phone: (703) 253-8261

Fax: (703) 276-0793

E-mail: celliott@aami.org

BSR/AAMI/ISO 18250-6-201x, Connectors for Reservoir Delivery Systems for Healthcare Applications - Part 6: Neural Applications (identical national adoption of ISO 18250-6)

BSR/AAMI/ISO 18250-8-201x, Connectors for reservoir delivery systems for healthcare applications - Part 8: Citrate-based anticoagulant solution for apheresis applications (identical national adoption of ISO 18250-8)

ASA (ASC S12) (Acoustical Society of America)

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

Contact: *Neil Stremmel*

Phone: (631) 390-0215

Fax: (631) 923-2875

E-mail: asastds@acousticalsociety.org

BSR ASA S12.8-201x, Methods for Determining the Insertion Loss of Outdoor Noise Barriers (revision of ANSI ASA S12.8-1998 (R2013))

ASSP (ASC A10) (American Society of Safety Professionals)

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

Contact: *Lauren Bauerschmidt*

Phone: (847) 768-3475

Fax: (847) 768-3475

E-mail: lbauerschmidt@asse.org

BSR/ASSP A10.3-201x, Safety Requirements for Powder-Actuated Fastening Systems (revision and redesignation of ANSI/ASSE A10.3-2013)

BSR/ASSP A10.28-201X, Safety Requirements for Work Platforms Suspended from Cranes or Derricks (revision and redesignation of ANSI/ASSE A10.28-2011)

BSR/ASSP A10.33-201X, Safety & Health Program Requirements for Multi-Employer Projects (revision and redesignation of ANSI/ASSE A10.33-2011 (R2016))

BSR/ASSP A10.34-200x, Protection of the Public on or adjacent to Construction Sites (revision and redesignation of ANSI/ASSE A10.34-2001 (R2012))

BSR/ASSP A10.37-201x, Debris Net Systems Used during Construction and Demolition Operations (revision and redesignation of ANSI/ASSE A10.37-2016)

ATIS (Alliance for Telecommunications Industry Solutions)

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

Contact: *Alexandra Blasgen*

Phone: (202) 434-8840

E-mail: ablasgen@atis.org

BSR ATIS 0600333-2013 (R201x), Grounding and Bonding of Telecommunications Equipment (reaffirmation of ANSI ATIS 0600333-2013)

BSR/ATIS 0600015.07-201x, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting - Wireline Access, Asymmetric Broadband Equipment (revision of ANSI ATIS 0600015.07-2013)

BSR/ATIS 0600035-201x, Recommended Maintenance Routines and Frequencies for Central Office Backup Power (new standard)

HI (Hydraulic Institute)

Office: 6 Campus Drive, 1st Floor North
Parsippany, NJ 07054

Contact: *Peter Gaydon*

Phone: (862) 242-5679

E-mail: pgaydon@pumps.org

BSR/HI 14.5.1-201x, Rotodynamic Pumps for Foundation Design (new standard)

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

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

Contact: *Rachel Porter*

Phone: (202) 737-8888

E-mail: comments@standards.incits.org

BSR/INCITS 562-201x, Information Technology - Fibre Channel - Framing and Signaling - 6 (FC-FS-6) (new standard)

INCITS 540-2018/AM 1-201x, Information technology - Fibre Channel - Non-Volatile Memory Express - Amendment 1 (FC-NVMe-AM 1) (addenda to INCITS 540-2018)

INCITS 561-201x, Information Technology - Serial Attached SCSI - 5 (SAS-5) (new standard)

NSF (NSF International)

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

Contact: *Kianda Franklin*

Phone: (734) 827-3813

E-mail: kfranklin@nsf.org

BSR/NSF 347-201x (i5r1), Sustainability Assessment for Single Ply Roofing Membranes (revision of ANSI/NSF 347-2012a)

BSR/NSF 455-1-201x, Terminology for the NSF/ANSI 455 Portfolio of Standards (new standard)

NSF International Designations

In the September 5, 2014 Standards Action, NSF International announced a new family of standards for a program called the Global Retailers and Manufacturers Alliance (GRMA). Since then, BSR/NSF 455-3-201x has been withdrawn from consideration and the designation and title of these PINS have been reassigned. The re-designation of these proposed ANS are as follows:

BSR/NSF 455-1-201x, Glossary of GRMA terminology (PINS to be filed shortly)

BSR/NSF 455-2-201x, Good Manufacturing Practices for Dietary Supplements

BSR/NSF 455-3-201x, Good Manufacturing Practices for Cosmetics

BSR/NSF 455-4-201x, Good Manufacturing Practices for Over the Counter Drugs

BSR/NSF 600-201x, Health Effects Evaluation and Criteria for Chemicals in Drinking Water (new standard)

TIA (Telecommunications Industry Association)

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

Contact: *Teesha Jenkins*

Phone: (703) 907-7706

Fax: (703) 907-7727

E-mail: standards@tiaonline.org

BSR/TIA 102.BAEJ-A-201x, Conventional Management Service Specification for Packet Data (revision and redesignation of ANSI/TIA 102.BAEJ-2013)

UL (Underwriters Laboratories, Inc.)

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

Contact: *Wathma Jayathilake*

Phone: (613) 368-4432

E-mail: Wathma.Jayathilake@ul.com

BSR/UL 10A-2009a (R201x), Standard for Tin-Clad Fire Doors (reaffirmation of ANSI/UL 10A-2009a (R2013))

BSR/UL 680-2004 (R201x), Standard for Emergency Vault Ventilators and Vault-Ventilating Ports (reaffirmation of ANSI/UL 680-2004 (R2014))

BSR/UL 753-2013 (R201x), Standard for Alarm Accessories for Automatic Water-Supply Control Valves for Fire Protection Service (reaffirmation of ANSI/UL 753-2013)

BSR/UL 1971-201x, Standard for Safety for Signaling Devices for the Hearing Impaired (revision of ANSI/UL 1971-2008 (R2013))

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.

AGA (ASC Z380) (American Gas Association)

Revision

ANSI/GPTC Z380.1-2018, Guide for Transmission, Distribution and Gathering Piping Systems (revision, redesignation and consolidation of ANSI/GPTC Z380.1-2015 Edition, ANSI/GPTC Z380.1-2015 Edition, Addendum No. 1-2015, ANSI/GPTC Z380.1-2015 Edition, Addendum No. 2-2015, ANSI/GPTC Z380.1-2015 Edition, Addendum No. 3-2015, ANSI/GPTC Z380.1-2015 Edition, Addendum No. 4-2016, ANSI/GPTC Z380.1-2015 Edition, Addendum No. 5-2016, ANSI/GPTC Z380.1-2015 Edition, Addendum No. 6-2017, ANSI/GPTC Z380.1-2015 Edition, Addendum No. 7-2017, ANSI/GPTC Z380.1-2015 Edition, Addendum No. 8-2017, ANSI/GPTC Z380.1-2015 Edition, Addendum No. 9-2018): 5/24/2018

ASABE (American Society of Agricultural and Biological Engineers)

New Standard

ANSI/ASABE S641-MAY2018, Droplet Size Classification of Aerial Application Nozzles (new standard): 5/21/2018

ASME (American Society of Mechanical Engineers)

Reaffirmation

ANSI/ASME B1.1-2003 (R2018), Unified Inch Screw Threads (UN and UNR Thread Form) (reaffirmation of ANSI/ASME B1.1-2003 (R2008)): 5/24/2018

ASQ (ASC Z1) (American Society for Quality)

New National Adoption

ANSI/ASQ ISO 10007-2018, Quality management - Guidelines for configuration management (identical national adoption of ISO 10007:2017 and revision of BSR/ASQ ISO 10007-201x): 5/24/2018

ANSI/ASQ/ISO 9004-2018, Quality management - Quality of an organization - Guidance to achieve sustained success (identical national adoption of ISO 9004:2018 and revision of ANSI/ISO/ASQ Q9004-2009): 5/24/2018

ANSI/ASQ/ISO 10006-2017, Quality management - Guidelines for quality management in projects (identical national adoption of ISO 10006:2017 and revision of BSR/ASQ/ISO 10006-201x): 5/24/2018

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

ANSI/ATIS 0600015-2018, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting - General Requirements (revision of ANSI ATIS 0600015-2013): 5/21/2018

HL7 (Health Level Seven)

New Standard

ANSI/HL7 V3 PCAS, R1-2018, HL7 Version 3 Standard: Care Provision; Assessment Scales, Release 1 (new standard): 5/24/2018

Reaffirmation

ANSI/HL7 V3 RXMSSEVNT, R1-2013 (R2018), HL7 Version 3 Standard: Medication Statement and Administration Event, Release 1 (reaffirmation of ANSI/HL7 V3 RXMSSEVNT, R1-2013): 5/24/2018

IEEE (Institute of Electrical and Electronics Engineers)

New Standard

ANSI/IEEE C57.138-2016, Recommended Practice for Routine Impulse Tests for Distribution Transformers (new standard): 5/22/2018

ANSI/IEEE C62.33-2016, Standard for Test Methods and Performance Values of Metal-Oxide Varistor Surge Protective Components (new standard): 5/22/2018

Revision

ANSI/IEEE C57.12.24-2016, Standard for Submersible, Three-Phase Transformers, 3750 kVA and Smaller: High Voltage, 34 500 GrdY/19 920 Volts and Below; Low Voltage, 600 Volts and Below (revision of ANSI/IEEE C57.12.24-2009): 5/22/2018

ISA (International Society of Automation)

New National Adoption

ANSI/ISA 95.00.02-2018, Enterprise-Control System Integration - Part 2: Objects and Attributes for Enterprise-Control (national adoption of IEC 62264-2 with modifications and revision of ANSI/ISA 95.00.02 (IEC 62264-2 Modified)-2010): 5/24/2018

Revision

ANSI/ISA 95.00.04-2018, Enterprise-Control System Integration - Part 4: Object Model Attributes for Manufacturing Operations - Management Integration (revision of ANSI/ISA 95.00.04-2012): 5/24/2018

NEMA (ASC C50) (National Electrical Manufacturers Association)

Revision

ANSI/NEMA MG 1-2018, Motors and Generators (revision of ANSI NEMA MG-1-2012): 5/21/2018

NSF (NSF International)

Withdrawal

* ANSI/NSF 36-2012 (i7r1), Dinnerware (withdrawal of ANSI/NSF 36-2012 (i6), ANSI/NSF 36-2009 (i5), ANSI/NSF 36-2007 (i4)): 5/21/2018

OPEI (Outdoor Power Equipment Institute)

New Standard

ANSI/OPEI B175.6-2018, Standard for Outdoor Power Equipment - Internal Combustion Engine-Powered Hand-Held Hedge Trimmers - Safety and Environmental Requirements (new standard): 5/24/2018

SCTE (Society of Cable Telecommunications Engineers)

New Standard

ANSI/SCTE 236-2017, Content Metadata (new standard): 5/22/2018

ANSI/SCTE 244-2018, Specification for Braided 75, Micro-Series Quad Shield Coaxial Cable for Connectivity and Dense CCAP/Edge QAM Applications (new standard): 5/22/2018

Revision

ANSI/SCTE 28-2017, HOST-POD Interface Standard (revision of ANSI/SCTE 28-2012): 5/21/2018

ANSI/SCTE 73-2018, Test Method for Insertion Force of Connector to Drop Cable Interface (revision of ANSI/SCTE 73-2012): 5/22/2018

ANSI/SCTE 103-2018, Test Method for DC Contact Resistance, Drop Cable to F Connectors and F 81 Barrels (revision of ANSI/SCTE 103-2012): 5/22/2018

ANSI/SCTE 106-2018, DOCSIS Set-top Gateway (DSG) Specification (revision of ANSI/SCTE 106-2010): 5/21/2018

ANSI/SCTE 108-2018, Test Method for Dielectric Withstand of Coaxial Cable (revision of ANSI/SCTE 108-2012): 5/22/2018

ANSI/SCTE 113-2017, HMS Digital Transport Management Information Base SCTE-HMS-HE-DIG-TRANSPORT-MIB (revision of ANSI/SCTE 113 2006): 5/22/2018

ANSI/VITA 41.2-2006 (S2018), VXS 4X Serial RapidIO Protocol Layer Standard (stabilized maintenance of ANSI/VITA 41.2-2006 (R2011)): 5/21/2018

ANSI/VITA 42.1-2006 (S2018), XMC Switched Mezzanine Card: Parallel RapidIO 8/16 LP-LVDS Protocol Layer Standard (stabilized maintenance of ANSI/VITA 42.1-2006 (R2012)): 5/21/2018

ANSI/VITA 42.2-2006 (S2018), XMC Serial RapidIO Protocol Layer Standard (stabilized maintenance of ANSI/VITA 42.2-2006 (R2012)): 5/21/2018

UL (Underwriters Laboratories, Inc.)

New National Adoption

ANSI/UL 60947-7-4-2018, Standard for Safety for Low-Voltage Switchgear and Controlgear - Part 7-4: Ancillary Equipment - PCB Terminal Blocks for Copper Conductors (national adoption with modifications of IEC 60947-7-4): 4/27/2018

New Standard

ANSI/UL 142A-2018, Standard for Safety for Special Purpose Aboveground Tanks for Specific Flammable or Combustible Liquids (new standard): 5/24/2018

ANSI/UL 142A-2018a, Standard for Safety for Special Purpose Aboveground Tanks for Specific Flammable or Combustible Liquids (new standard): 5/24/2018

Revision

ANSI/UL 539-2018, Standard for Safety for Single and Multiple Station Heat Alarms (revision of ANSI/UL 539-2017): 5/22/2018

ANSI/UL 1453-2018, Standard for Safety for Electric Booster and Commercial Storage Tank Water Heaters (revision of ANSI/UL 1453-2017): 5/18/2018

* ANSI/UL 1647-2018, Standard for Safety for Motor-Operated Massage and Exercise Machines (Proposal dated 08/4/17) (revision of ANSI/UL 1647-2016): 5/18/2018

ANSI/UL 1647-2018b, Standard for Safety for Motor-Operated Massage and Exercise Machines (revision of ANSI/UL 1647-2016): 5/18/2018

VITA (VMEbus International Trade Association (VITA))

Reaffirmation

ANSI/VITA 51.0-2012 (R2018), Reliability Prediction (reaffirmation of ANSI/VITA 51.0-2012): 5/21/2018

ANSI/VITA 60-2012 (R2018), Alternative Connector for VPX (reaffirmation of ANSI/VITA 60-2012): 5/21/2018

Stabilized Maintenance

ANSI/VITA 41.0-2006 (S2018), VXS VMEbus Switched Serial Standard (stabilized maintenance of ANSI/VITA 41.0-2006 (R2011)): 5/21/2018

ANSI/VITA 41.1-2006 (S2018), VXS 4X InfiniBand (TM) Protocol Layer Standard (stabilized maintenance of ANSI/VITA 41.1-2006 (R2011)): 5/21/2018

Project Initiation Notification System (PINS)

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

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

[List of Approved and Proposed ANS](#)

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

AAFS (American Academy of Forensic Sciences)

Office: 410 North 21st Street
Colorado Springs, CO 80904

Contact: *Teresa Ambrosius*

E-mail: tambrosius@aafs.org

BSR/ASB Std 091-201x, Standard for Training of Analysis of Forensic STR Data (new standard)

Stakeholders: Forensic DNA laboratory practitioners, forensic science educators, criminal justice system end-users.

Project Need: Training programs for forensic DNA laboratories based on this standard will provide more consistency and best practices among laboratory personnel in the analysis of STR data and overall more effective training.

This standard defines the minimum requirements in training programs for analysis of capillary electrophoresis data including autosomal STRs, XSTRs, and YSTRs.

APTech (ASC B65) (Association for Print Technologies)

Office: 1899 Preston White Drive
Reston, VA 20191

Contact: *Debra Orf*

E-mail: dorf@aptech.org

BSR B65/NAPIM 177.1-201x, Safety standard - Three-roll printing ink mills (revision and redesignation of ANSI/NAPIM 177.1-2017)

Stakeholders: Users of three-roll printing ink mills.

Project Need: Revision needed to address a minor typo in Section 8.3.

The requirements of this standard apply to all three-roll mills used for the manufacturing of printing inks in the printing ink manufacturing industry. The purpose of this standard is to establish safety requirements with respect to safety controls, operating procedures and design of three-roll mills used for the manufacturing of printing inks.

This standard should be applied to smaller mills were applicable and practical.

ASA (ASC S12) (Acoustical Society of America)

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

Contact: *Neil Stremmel*

Fax: (631) 923-2875

E-mail: asastds@acousticalsociety.org

BSR ASA S12.8-201x, Methods for Determining the Insertion Loss of Outdoor Noise Barriers (revision of ANSI ASA S12.8-1998 (R2013))

Stakeholders: Developers, owners, and the general public behind noise barriers are stakeholders. This includes the State Highway Agencies, the Federal Highway Administration, Department of Housing and Urban Development, developers of housing projects using noise barriers, industrial areas using noise shielding, and those living in the shadow zone created by the barrier.

Project Need: This standard was last revised in 1998. Updates to normative references are required. At the same time, the entire standard will be reviewed to see if any other information should be updated or revised.

Presents three methods for determining the insertion loss of outdoor noise barriers. The methods are "direct" BEFORE and AFTER measurements, "indirect" BEFORE measurements at an "equivalent" site, and "indirect" predictions of BEFORE sound levels. "Indirect BEFORE measurements" and "indirect BEFORE prediction" methods require direct measurements of AFTER sound levels. Measurements of acoustical descriptors use sound sources naturally present at a site, controlled natural sound sources, or controlled artificial sound sources. Within prescribed limits, the receiver location and atmospheric, ground, and terrain conditions may be chosen based on the objectives for determination of barrier insertion loss. Examples are provided for worksheets that may be used for data acquisition and analysis.

ASABE (American Society of Agricultural and Biological Engineers)

Office: 2950 Niles Road
Saint Joseph, MI 49085

Contact: *Carla VanGilder*

Fax: (269) 429-3852

E-mail: vangilder@asabe.org

BSR/ASABE S604.2-201x, Safety for Power Take-off (PTO), PTO Drive Shafts, and Power Input Connection (PIC) for Agricultural Field Equipment (revision and redesignation of ANSI/ASABE S604.1 -2014)

Stakeholders: Agricultural machinery/implement manufacturers.

Project Need: Pre-reaffirmation review of the standard identified outdated normative references.

This standard is a guide to provide a reasonable degree of personal safety for operators and other persons during normal operation and servicing of the power take-off (PTO) drive shafts of a tractor or self-propelled machine used in agriculture and the power input connection (PIC) of its implement, in addition to what is given in ANSI/ASABE AD5673-1. It is applicable only to those PTO drive shafts and guards mechanically linked to the shaft by at least two bearings.

BSR/ASABE S619.1-201x, Safety for Tractor-Mounted, Boom-Type Post Hole Diggers (revision and redesignation of ANSI/ASABE S619 -2014)

Stakeholders: Users and manufacturers of boom-type post-hole diggers.

Project Need: Pre-reaffirmation review of the document identified the need to update the Normative References.

This Standard establishes the safety requirements for tractor-mounted, boom-type post-hole diggers. The standard applies to boom-type post-hole diggers designed for attachment to the three-point hitch of agricultural tractors as specified in ANSI/ASAE S390, equipped with Category I or Category II three-point linkage as specified in ANSI/ASABE AD730, and powered by a 540-rpm power take-off or by the agricultural tractor's hydraulic power with intended use for digging vertical, cylindrical holes.

BSR/ASAE/ISO 5687-201x, Equipment for harvesting - Combine harvesters - Determination and designation of grain tank capacity and unloading device performance (identical national adoption of ISO 5687:2018 and revision of ANSI/ASAE/ISO 5687-2014)

Stakeholders: Manufacturers of combine harvesters and related components; agricultural producers.

Project Need: Identically adopt revised version of the ISO document which incorporated the US deviations in the previous ISO document.

This Standard specifies a preferred method for determining and designating the capacity and unloading rate of combine harvester grain tanks and unloading systems.

ASSP (ASC A10) (American Society of Safety Professionals)

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

Contact: *Lauren Bauerschmidt*

Fax: (847) 768-3475

E-mail: lbauerschmidt@asse.org

BSR/ASSP A10.3-201x, Safety Requirements for Powder-Actuated Fastening Systems (revision and redesignation of ANSI/ASSE A10.3 -2013)

Stakeholders: Occupational safety and health professionals in construction work areas.

Project Need: Based upon the consensus of the A10 Committee and stakeholders in the construction and demolition industry.

This standard provides safety requirements for low-velocity powder-actuated fastening tools that propel studs, pins, fasteners, or other objects for the purpose of affixing them, by penetration, to hard structural material (such as concrete, masonry or steel).

ASSP (ASC A10) (American Society of Safety Professionals)

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

Contact: *Tim Fisher*

Fax: (847) 296-9221

E-mail: TFisher@ASSE.org

BSR/ASSP A10.33-201X, Safety & Health Program Requirements for Multi-Employer Projects (revision and redesignation of ANSI/ASSE A10.33-2011 (R2016))

Stakeholders: Occupational safety and health professionals working in the construction and demolition industry.

Project Need: Based upon the consensus of the A10 Committee and stakeholders in the construction and demolition industry.

This standard sets forth the minimum elements and activities of a program that defines the duties and responsibilities of construction employers working on a construction project where multiple employers are engaged in the common undertaking to complete a construction project.

BSR/ASSP A10.34-200x, Protection of the Public on or adjacent to Construction Sites (revision and redesignation of ANSI/ASSE A10.34-2001 (R2012))

Stakeholders: Occupational safety and health professionals working in the construction and demolition industry.

Project Need: Based upon the consensus of the A10 Committee and stakeholders in the construction and demolition industry.

This standard provides the recommended elements and activities on construction projects to provide protection for the public.

BSR/ASSP A10.37-201x, Debris Net Systems Used during Construction and Demolition Operations (revision and redesignation of ANSI/ASSE A10.37-2016)

Stakeholders: Occupational safety and health professionals working in the construction and demolition industry.

Project Need: Based upon the consensus of the A10 Committee and stakeholders in the construction and demolition industry.

This standard establishes safety requirements for the design, selection, installation, and use of debris net systems during construction and demolition operations and for the temporary containment of debris from deteriorating structures. The purpose of this standard is to provide the criteria for debris net selection and use and to provide design, test, and installation requirements for debris nets.

DMSC, Inc. (Dimensional Metrology Standards Consortium, Inc.)

Office: 1350 SW Alsbury Blvd
#514
Burlleson, TX 76028-9219

Contact: *Bailey Squier*

Fax: (682) 224-6201

E-mail: bsquier@dmis.org

BSR/DMSC QIF 3.0-201x, Quality Information Framework (QIF v. 3.0)
- An Integrated Model for Manufacturing Quality Information
(revision, redesignation and consolidation of ANSI/QIF Part 1-2015
& ANSI/QIF Part 2-2015, ANSI/QIF Part 3-2015, ANSI/DMSC QIF
Part 4-2014, ANSI/QIF Part 5-2015, ANSI/QIF Part 6-2015,
ANSI/QIF Part 7-2015, ANSI/QIF Part 8-2015)

Stakeholders: Every manufacturing industry that uses computer-aided quality systems for product design, measurement planning, measurement execution, and results analysis.

Project Need: To provide effortless exchange of manufacturing measurement information among computer-aided quality processes using a standard format.

This Quality Information Framework (QIF) standard defines, in a single standards document, an integrated set of information models which enable the effective exchange of metrology data throughout the entire manufacturing quality measurement process – from product design to inspection planning to execution to analysis and reporting. DMSC intends to submit QIF-2018 as an ISO standard.

HI (Hydraulic Institute)

Office: 6 Campus Drive, 1st Floor North
Parsippany, NJ 07054

Contact: *Peter Gaydon*

E-mail: pgaydon@pumps.org

BSR/HI 14.5.1-201x, Rotodynamic Pumps for Foundation Design (new standard)

Stakeholders: Pump manufacturers, pump station designers and construction contractors, pump engineering consultants, pump end-users.

Project Need: Guidance is limited, related to the design of foundations for rotodynamic pumps, typically limited to a ratio of mass of the foundation to the mass of the pump. This standard will benefit the industry by providing expanded information for the pump station designer.

This committee shall support the purpose and aims of the Design & Operation Section and is responsible for the following topics: (a) Develop new American National Standard (ANS) covering the design of foundations for rotodynamic pumps; (b) The ANS will provide useful information, minimum requirements, and reference to other applicable standards; (c) Wherever possible, minimum normative requirements should be made with a specific call-out for specification writing purposes.

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

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

Contact: *Rachel Porter*

E-mail: comments@standards.incits.org

BSR/INCITS 562-201x, Information technology - Fibre Channel - Framing and Signaling - 6 (FC-FS-6) (new standard)

Stakeholders: ICT industry.

Project Need: As Fibre channel evolves with changes to speed, new upper-level protocols, and new functions, FC-FS-6 is needed to describe any changes needed to Fibre Channel Framing and Signaling. FC-FS-6 will be a highly compatible extension to FC-FS-5. FC-FS-6 will be an entire standard and not a delta from FC-FS-5.

Specifies development of a set of technical additions and clarifications to INCITS 545, Fibre Channel - Framing and Signaling (FC-FS-5). Included within this scope are: (a) Additions as needed for development of FC-NVMe-2; (b) Clarifications of any existing ambiguities; (c) Any items deemed necessary to support higher data rates; and (d) Any other item as deemed necessary during the development.

INCITS 540-2018/AM 1-201x, Information technology - Fibre Channel - Non-Volatile Memory Express - Amendment 1 (FC-NVMe-AM 1) (addenda to INCITS 540-2018)

Stakeholders: ICT industry.

Project Need: The published version of FC-NVMe specifies association termination processes that are not capable with pre-standard implementations.

This project will include modifications and clarifications to FC-NVMe (INCITS 540-2018), including association termination processing.

INCITS 561-201x, Information Technology - Serial Attached SCSI - 5 (SAS-5) (new standard)

Stakeholders: ICT industry.

Project Need: The project involves a compatible evolution of the present Serial Attached SCSI - 4 standard.

Serial Attached SCSI - 5 is the next generation of Serial Attached SCSI, following SAS-4, SAS-3, SAS-2.1, SAS-2, SAS-1.1, and SAS. The following items should be considered for inclusion in Serial Attached SCSI - 5: (1) data rate of greater than 32 Gbit/s (target data rate of 45 Gbit/s); (2) maintain 6 Gbit/s, 12 Gbit/s, and 22.5 Gbit/s SAS compatibility; and (3) other capabilities that may fit within the scope of this project.

NSF (NSF International)

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

Contact: *Monica Leslie*

Fax: (734) 827-7880

E-mail: mleslie@nsf.org

BSR/NSF 600-201x, Health Effects Evaluation and Criteria for
Chemicals in Drinking Water (new standard)

Stakeholders: Public health/regulatory, users (e.g., water utilities,
testing laboratories, certifying bodies), and industry/manufacturers.

Project Need: This information is currently published under multiple
standards (NSF/ANSI 60 and 61) and is referenced in several others. A
new, separate standard will be developed to eliminate the potential for
inconsistencies between multiple standards and confusion as to which
standard reflects the most current criteria.

This standard will define the toxicological review and evaluation
procedures for the evaluation of substances imparted to drinking water
through contact with drinking water system components (and drinking
water additives). It is intended to establish the human health risk, if any,
of the substances imparted to drinking water under the anticipated use
conditions of the product.

TIA (Telecommunications Industry Association)

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

Contact: *Teesha Jenkins*

Fax: (703) 907-7727

E-mail: standards@tiaonline.org

BSR/TIA 102.BAEJ-A-201x, Conventional Management Service
Specification for Packet Data (revision and redesignation of
ANSI/TIA 102.BAEJ-2013)

Stakeholders: APCO Project 25, Private Land Mobile Radio
manufacturers and users.

Project Need: Update this standard.

The objective of this document is to provide a specification of
Conventional Management Service (CMS) for Packet Data. The
information necessary to enable interoperable CMS functionality for
Packet Data is provided in this document or referenced in other
documents as appropriate. The purpose of this revision is to address
errata comments on the current published document.

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.

<p>AAFS American Academy of Forensic Sciences 410 North 21st Street Colorado Springs, CO 80904 Phone: (719) 453-1036 Web: www.aafs.org</p>	<p>ASHRAE American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. 1791 Tullie Circle, NE Atlanta, GA 30329 Phone: (404) 636-8400 Fax: (404) 321-5478 Web: www.ashrae.org</p>	<p>ATIS Alliance for Telecommunications Industry Solutions 1200 G Street NW Suite 500 Washington, DC 20005 Phone: (202) 434-8840 Web: www.atis.org</p>	<p>IEEE Institute of Electrical and Electronics Engineers (IEEE) 445 Hoes Lane Piscataway, NJ 08854 Phone: (732) 562-3854 Fax: (732) 796-6966 Web: www.ieee.org</p>
<p>AAMI Association for the Advancement of Medical Instrumentation 4301 N Fairfax Drive Suite 301 Arlington, VA 22203-1633 Phone: (703) 253-8261 Fax: (703) 276-0793 Web: www.aami.org</p>	<p>ASME American Society of Mechanical Engineers Two Park Avenue New York, NY 10016-5990 Phone: (212) 591-8521 Fax: (212) 591-8501 Web: www.asme.org</p>	<p>AWS American Welding Society 8669 NW 36th Street Suite #130 Miami, FL 33166-6672 Phone: (800) 443-9353 Fax: (305) 443-5951 Web: www.aws.org</p>	<p>ISA (Organization) International Society of Automation 67 Alexander Drive Research Triangle Park, NC 27709 Phone: (919) 990-9213 Fax: (919) 549-8288 Web: www.isa.org</p>
<p>AGA (ASC Z380) American Gas Association 400 North Capitol Street, NW Washington, DC 20001 Phone: (202) 824-7183 Web: www.aga.org</p>	<p>ASQ (ASC Z1) American Society for Quality 600 N Plankinton Ave Milwaukee, WI 53203 Phone: (800) 248-1946 Web: www.asq.org</p>	<p>AWWA American Water Works Association 6666 W. Quincy Ave. Denver, CO 80235 Phone: (303) 347-6178 Fax: (303) 795-7603 Web: www.awwa.org</p>	<p>ITI (INCITS) InterNational Committee for Information Technology Standards 1101 K Street NW Suite 610 Washington, DC 20005 Phone: (202) 737-8888 Web: www.incits.org</p>
<p>APTech (ASC CGATS) Association for Print Technologies 1899 Preston White Drive Reston, VA 20191 Phone: (703) 264-7200 Web: www.printtechnologies.org</p>	<p>ASSP (ASC A10) American Society of Safety Professionals 520 N. Northwest Hwy. Park Ridge, IL 60068 Phone: (847) 768-3475 Fax: (847) 768-3475 Web: www.asse.org</p>	<p>DMSC, Inc. Dimensional Metrology Standards Consortium, Inc. 1350 SW Alsbury Blvd #514 Burleson, TX 76028-9219 Phone: (817) 461-1092 Fax: (682) 224-6201 Web: www.dms.org</p>	<p>NEMA (ASC C50) National Electrical Manufacturers Association 1300 N 17th St, Suite 900 Rosslyn, VA 22209 Phone: (703) 841-3264 Fax: (703) 841-3364 Web: www.nema.org</p>
<p>ASA (ASC S12) Acoustical Society of America 1305 Walt Whitman Rd Suite 300 Melville, NY 11747 Phone: (631) 390-0215 Fax: (631) 923-2875 Web: www.acousticalsonline.org</p>	<p>ASSP (Safety) American Society of Safety Professionals 520 N. Northwest Highway Park Ridge, IL 60068 Phone: (847) 768-3411 Fax: (847) 296-9221 Web: www.asse.org</p>	<p>HI Hydraulic Institute 6 Campus Drive, 1st Floor North Parsippany, NJ 07054 Phone: (862) 242-5679 Web: www.pumps.org</p>	<p>NSF NSF International 789 N. Dixboro Road Ann Arbor, MI 48105-9723 Phone: (734) 827-5643 Fax: (734) 827-7880 Web: www.nsf.org</p>
<p>ASABE American Society of Agricultural and Biological Engineers 2950 Niles Road Saint Joseph, MI 49085 Phone: (269) 932-7015 Fax: (269) 429-3852 Web: www.asabe.org</p>	<p>ASTM ASTM International 100 Barr Harbor Drive West Conshohocken, PA 19428-2959 Phone: (610) 832-9744 Fax: (610) 834-3683 Web: www.astm.org</p>	<p>HL7 Health Level Seven 3300 Washtenaw Avenue Suite 227 Ann Arbor, MI 48104 Phone: (734) 677-7777 Fax: (734) 677-6622 Web: www.hl7.org</p>	<p>OPEI Outdoor Power Equipment Institute 341 South Patrick Street Alexandria, VA 22314 Phone: (703) 549-7600 Fax: (703) 549-7604 Web: www.opei.org</p>

RESNET

Residential Energy Services Network,
Inc.

4867 Patina Court
Oceanside, CA 92057
Phone: (760) 408-5860
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Web: www.resnet.us.com

SAE

SAE International

755 W. Big Beaver Rd., Suite 1600
Troy, MI 48084
Phone: (248) 273-2457
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SCTE

Society of Cable Telecommunications
Engineers

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TIA

Telecommunications Industry
Association

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Fax: (703) 907-7727
Web: www.tiaonline.org

UL

Underwriters Laboratories, Inc.

12 Laboratory Dr.
Research Triangle Park, NC 27709
Phone: (919) 549-0973
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VITA

VMEbus International Trade
Association (VITA)

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



ISO & IEC Draft International Standards

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

Comments

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

AIR QUALITY (TC 146)

ISO/DIS 10312, Ambient air - Determination of asbestos fibres - Direct transfer transmission electron microscopy method - 6/18/2018, \$146.00

ISO/DIS 13794, Ambient air - Determination of asbestos fibres - Indirect-transfer transmission electron microscopy method - 6/16/2018, \$155.00

BANKING AND RELATED FINANCIAL SERVICES (TC 68)

ISO/DIS 13492, Financial services - Key management related data element - Application and usage of ISO 8583 data elements for encryption - 8/12/2018, \$71.00

BUILDING ENVIRONMENT DESIGN (TC 205)

ISO/DIS 11855-7, Building environment design - Design, dimensioning, installation and control of embedded radiant heating and cooling systems - Part 7: Input parameters for the energy calculation - 8/12/2018, \$46.00

ISO/DIS 18566-6, Building environment design - Design, test methods, control of hydronic radiant heating and cooling panel systems - Part 6: Input parameters for the energy calculation - 8/12/2018, \$46.00

CLEANING EQUIPMENT FOR AIR AND OTHER GASES (TC 142)

ISO/DIS 15714, Method of evaluating the UV dose to airborne microorganisms transiting in-duct ultraviolet germicidal irradiation devices - 6/17/2018, \$67.00

ENVIRONMENTAL MANAGEMENT (TC 207)

ISO/DIS 14033, Environmental management - Quantitative environmental information - Guidelines and examples - 6/17/2018, \$146.00

FIRE SAFETY (TC 92)

ISO/DIS 834-13, Fire resistance tests - Elements of building construction - Part 13: Specific requirements for the testing and assessment of applied fire protection to steel beams with web openings - 8/17/2018, \$107.00

ISO/DIS 834-14, Fire resistance tests - Elements of building construction - Part 14: Specific requirements for the testing and assessment of applied fire protection to solid steel bar - 8/17/2018, \$82.00

FLUID POWER SYSTEMS (TC 131)

ISO/DIS 5598, Fluid power systems and components - Vocabulary - 6/17/2018, \$146.00

GLASS IN BUILDING (TC 160)

ISO/DIS 16932, Glass in building - Destructive-windstorm-resistant security glazing - Test and classification - 8/17/2018, \$77.00

GRAPHIC TECHNOLOGY (TC 130)

ISO/DIS 12641-2, Graphic technology - Prepress digital data exchange - Part 2: Advanced colour targets for input scanner calibration - 8/12/2018, \$77.00

GRAPHICAL SYMBOLS (TC 145)

ISO/DIS 7010, Graphical symbols - Safety colours and safety signs - Registered safety signs - 6/18/2018, \$230.00

MACHINE TOOLS (TC 39)

ISO/DIS 6480, Conditions of acceptance for horizontal internal broaching machines - Testing of the accuracy - 6/15/2018, \$77.00

ISO/DIS 6481, Acceptance conditions for vertical surface type broaching machines - Testing of accuracy - 6/15/2018, \$67.00

ISO/DIS 6779, Acceptance conditions for broaching machines of vertical internal type - Testing of accuracy - 6/15/2018, \$88.00

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

ISO/DIS 11960, Petroleum and natural gas industries - Steel pipes for use as casing or tubing for wells - 8/19/2018, \$203.00

NICKEL AND NICKEL ALLOYS (TC 155)

ISO/DIS 23163, Nickel and nickel alloys - Refined nickel - Sampling - 8/13/2018, \$71.00

NON-DESTRUCTIVE TESTING (TC 135)

ISO/DIS 22232-1, Non-destructive testing - Characterization and verification of ultrasonic test equipment - Part 1: Instruments - 8/12/2018, \$112.00

ISO/DIS 22232-2, Non-destructive testing - Characterization and verification of ultrasonic test equipment - Part 2: Probes - 8/12/2018, \$125.00

ISO/DIS 22232-3, Non-destructive testing - Characterization and verification of ultrasonic test equipment - Part 3: Combined equipment - 8/12/2018, \$53.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO/DIS 10110-1, Optics and photonics - Preparation of drawings for optical elements and systems - Part 1: General - 6/16/2018, \$112.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO/DIS 18527-1, Eye and face protection for sports use - Part 1: Requirements for downhill skiing and snow-boarding goggles - 6/16/2018, \$82.00

ISO/DIS 18527-2, Eye and face protection for sports use - Part 2: Requirements for eye protectors for squash and eye protectors for racquetball and squash 57 - 6/16/2018, \$77.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

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

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 2303, Isoprene rubber (IR) - Non-oil-extended, solution-polymerized types - Evaluation procedures - 6/18/2018, \$62.00

ISO/DIS 248-2, Rubber, raw - Determination of volatile-matter content - Part 2: Thermogravimetric methods using an automatic analyser with an infrared drying unit - 6/18/2018, \$53.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

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

STEEL (TC 17)

ISO/DIS 6935-2, Steel for the reinforcement of concrete - Part 2: Ribbed bars - 8/12/2018, \$88.00

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

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

TIMBER (TC 218)

ISO/DIS 5323, Wood flooring and parquet - Vocabulary - 8/12/2018, \$53.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/DIS 29281-2, Intelligent transport systems - Localized communications - Part 2: Legacy system support - 8/17/2018, \$98.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 26560, Software and systems engineering - Tools and methods for product line product management - 6/15/2018, \$125.00

ISO/IEC DIS 30137-1, Information technology - Use of biometrics in video surveillance systems - Part 1: System design and specification - 6/18/2018, \$125.00

IEC Standards

17A/1185/CD, IEC 62271-105 ED3: High-voltage switchgear and controlgear - Part 105: Alternating current switch-fuse combinations for rated voltages above 1 kV up to and including 52 kV, 2018/8/17

21A/658/CD, IEC 63118 ED1: Secondary cells and batteries containing alkaline or other non-acid electrolytes - Secondary lithium batteries for use in road vehicles not for the propulsion, 2018/8/17

29/994/CD, IEC 60645-3 ED3: Electroacoustics - Audiometric equipment - Part 3: Test signals of short duration, 2018/7/20

34/530/CD, IEC 62386-202 ED2: Digital addressable lighting interface - Part 202: Particular requirements for control gear - Self-contained emergency lighting (device type 1), 2018/8/17

34/529/CD, IEC 61547 ED3: Equipment for general lighting purposes - EMC immunity requirements, 2018/8/17

46F/414/CDV, IEC 61169-1-2 ED1: Radio-frequency connectors - Part 1-2: Electrical test methods - Insertion loss, 2018/8/17

47/2474/CDV, IEC 63068-1 ED1: Semiconductor devices - Non-destructive recognition criteria of defects in silicon carbide homoepitaxial wafer for power devices - Part 1: Classification of defects, 2018/8/17

47/2475/CDV, IEC 63068-2 ED1: Semiconductor devices - Non-destructive recognition criteria of defects in silicon carbide homoepitaxial wafer for power devices - Part 2: Test method for defects using optical inspection, 2018/8/17

48B/2663/CD, IEC 63171-1 ED1: Connectors for electronic equipment - Part 1: Copper LC style connector for use with 1-pair balanced twisted pair cabling, 2018/8/17

48D/678/CD, IEC 62610-6 ED1: Mechanical structures for electrical and electronic equipment - Thermal management for cabinets in accordance with IEC 60297 and IEC 60917 Series - Part 6: Air recirculation and bypass of indoor cabinets, 2018/8/17

55/1649/CDV, IEC 60317-80 ED1: Specifications for particular types of winding wires - Part 80: Polyvinyl acetal enamelled rectangular copper wire, class 120, with a bonding layer, 2018/8/17

55/1650/CDV, IEC 60317-0-1/AMD1 ED4: Specifications for particular types of winding wires - Part 0-1: General requirements - Enamelled round copper wire, 2018/8/17

55/1651/CDV, IEC 60317-0-3/AMD2 ED3: Specifications for particular types of winding wires - Part 0-3: General requirements - Enamelled round aluminium wire, 2018/8/17

57/1997/CD, IEC 61850-7-420 ED2: Communication networks and systems for power utility automation - Part 7-420: Basic communication structure - Distributed energy resources and distribution automation logical nodes, 2018/8/17

57/1998/DC, Draft IEC TR 61850-90-9, Communication networks and systems for power utility automation - Part 90-9: Use of IEC 61850 for electrical energy storage systems, 2018/8/17

57/2000/DC, Proposed revision of IEC TS 62351-5 ED2 and transformation of the TS into an IS (Power systems management and associated information exchange - Data and communications security - Part 5: Security for IEC 60870-5 and derivatives), 2018/7/20

59F/349/CD, IEC 62885-8 ED1: Surface cleaning appliances - Part 8: Dry vacuum cleaners for commercial use - Methods for measuring the performance, 2018/7/20

64/2280/CD, IEC 60364-7-716 ED1: Low-Voltage electrical installations - Part 7-716: Requirements for special installations or locations - DC power distribution over information technology cable infrastructure, 2018/9/14

69/608/NP, PNW 69-608: Information exchange for Electric Vehicle charging roaming service - Part 4: Cybersecurity and information privacy, 2018/7/20

69/606/NP, PNW 69-606: Information exchange for Electric Vehicle charging roaming service - Part 2: Use cases, 2018/7/20

69/607/NP, PNW 69-607: Information exchange for Electric Vehicle charging roaming service - Part 3: Message structure, 2018/7/20

- 77A/1000/Q, IEC 61000-4-27: Electromagnetic compatibility (EMC) - Part 4-27: Testing and measurement techniques - Unbalance, immunity test for equipment with input current not exceeding 16 A per phase, 018/7/6/
- 82/1435/CD, IEC TS 62788-6-3 ED1: Measurement procedures for materials used in photovoltaic modules - Part 6-3: Adhesion testing of interfaces within PV modules, 2018/8/17
- 82/1433/NP, PNW TS 82-1433: Renewable energy and hybrid systems for rural electrification - Part 7-2: Generators - Wind Turbines (proposed IEC TS 62257-7-2), 2018/8/17
- 82/1407(F)/CDV, IEC 62446-2 ED1: Photovoltaic (PV) systems - Requirements for testing, documentation and maintenance - Part 2: Grid connected systems - Maintenance of PV systems, 2018/7/13
- 86A/1870/DTR, IEC TR 63194 ED1: Colour coding of optical fibre cables - Guidelines, 2018/7/20
- 86C/1515/CDV, IEC 62148-19 ED1: Fibre optic active components and devices - Package and interface standards - Part 19: Photonic chip scale package, 2018/8/17
- 86C/1530/CD, IEC TR 61282-5 ED2: Fibre optic communication system design guides - Part 5: Accommodation and compensation of chromatic dispersion, 2018/8/17
- 107/337/DC, Draft IEC Technical Report for comments: IEC TR 62396 -8, Process management for avionics - Atmospheric radiation effects - Part 8: Awareness related to neutron, proton, electron, pion, muon, alpha-ray fluxes and single event effects in avionics electronic equipment, 2018/9/14
- 108/701/FDIS, IEC 62368-1 ED3: Audio/video, information and communication technology equipment - Part 1: Safety requirements, 018/7/6/
- 112/427/CD, IEC 61857-41 ED1: Electrical insulation systems - Procedures for thermal evaluation - Part 41: Specific requirements for electrical insulation systems for use in dry-type high-voltage transformers with operating voltages of 1kV and above, 2018/8/17
- CIS/A/1256/CDV, CISPR 16-1-4/AMD1/FRAG1 ED4: Fragment 1 - Specification for radio disturbance and immunity measuring apparatus and methods - Part 1-4: Radio disturbance and immunity measuring apparatus - Antennas and test sites for radiated disturbance measurements, 2018/8/17
- SyCSmartEnergy/85/DTS, IEC TS 62913-2-4 ED1: SRD: Generic Smart Grid Requirements - Part 2-4: Electric Transportation Domain, 2018/8/17
- JTC1-SC25/2801/CDV, ISO/IEC 30129/AMD1 ED1: Information technology - Telecommunications bonding networks for buildings and other structures, 2018/8/17



Newly Published ISO & IEC Standards

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

ISO Standards

AIRCRAFT AND SPACE VEHICLES (TC 20)

[ISO 10794:2018](#), Space systems - Programme management - Material, mechanical parts and processes, \$185.00

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

[ISO 18407:2018](#), Simplified design of prestressed concrete tanks for potable water, \$232.00

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

[ISO 5458:2018](#), Geometrical product specifications (GPS) - Geometrical tolerancing - Pattern and combined geometrical specification, \$185.00

EQUIPMENT FOR FIRE PROTECTION AND FIRE FIGHTING (TC 21)

[ISO 7240-7:2018](#), Fire detection and alarm systems - Part 7: Point-type smoke detectors using scattered light, transmitted light or ionization, \$209.00

FASTENERS (TC 2)

[ISO 1891-4:2018](#), Fasteners - Vocabulary - Part 4: Control, inspection, delivery, acceptance and quality, \$45.00

GAS CYLINDERS (TC 58)

[ISO 18119:2018](#), Gas cylinders - Seamless steel and seamless aluminium-alloy gas cylinders and tubes - Periodic inspection and testing, \$209.00

GEOGRAPHIC INFORMATION/GEOMATICS (TC 211)

[ISO 19146:2018](#), Geographic information - Cross-domain vocabularies, \$209.00

[ISO 19101-2:2018](#), Geographic information - Reference model - Part 2: Imagery, \$209.00

MATERIALS FOR THE PRODUCTION OF PRIMARY ALUMINIUM (TC 226)

[ISO 12985-1:2018](#), Carbonaceous materials used in the production of aluminium - Baked anodes and cathode blocks - Part 1: Determination of apparent density using a dimensions method, \$45.00

[ISO 12985-2:2018](#), Carbonaceous materials used in the production of aluminium - Baked anodes and cathode blocks - Part 2: Determination of apparent density and of open porosity using a hydrostatic method, \$45.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

[ISO 17915:2018](#), Optics and photonics - Measurement method of semiconductor lasers for sensing, \$162.00

PROJECT, PROGRAMME AND PORTFOLIO MANAGEMENT (TC 258)

[ISO 21511:2018](#), Work breakdown structures for project and programme management, \$138.00

SMALL TOOLS (TC 29)

[ISO 3315:2018](#), Assembly tools for screws and nuts - Driving parts for hand-operated square drive socket wrenches - Dimensions and tests, \$45.00

[ISO 3316:2018](#), Assembly tools for screws and nuts - Attachments for hand-operated square drive socket wrenches - Dimensions and tests, \$68.00

SOIL QUALITY (TC 190)

[ISO 23611-1:2018](#), Soil quality - Sampling of soil invertebrates - Part 1: Hand-sorting and extraction of earthworms, \$138.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

[ISO 18750:2018](#), Intelligent transport systems - Co-operative ITS - Local dynamic map, \$209.00

[ISO 21215:2018](#), Intelligent transport systems - Localized communications - ITS-M5, \$162.00

[ISO 21218:2018](#), Intelligent transport systems - Hybrid communications - Access technology support, \$209.00

ISO Technical Reports

SERVICE ACTIVITIES RELATING TO DRINKING WATER SUPPLY SYSTEMS AND WASTEWATER SYSTEMS - QUALITY CRITERIA OF THE SERVICE AND PERFORMANCE INDICATORS (TC 224)

[ISO/TR 24514:2018](#), Activities relating to drinking water and wastewater services - Examples of the use of performance indicators using ISO 24510, ISO 24511 and ISO 24512 and related methodologies, \$209.00

ISO Technical Specifications

ROAD VEHICLES (TC 22)

[ISO/TS 22239-1:2018](#), Road vehicles - Child seat presence and orientation detection system (CPOD) - Part 1: Specifications and test methods, \$209.00

[ISO/TS 22239-2:2018](#), Road vehicles - Child seat presence and orientation detection system (CPOD) - Part 2: Resonator specification, \$209.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 7816-15/Amd1:2018](#), Identification cards - Integrated circuit cards - Part 15: Cryptographic information application - Amendment 1, \$19.00

[ISO/IEC 27034-3:2018](#), Information technology - Application security - Part 3: Application security management process, \$185.00

[ISO/IEC 27034-7:2018](#), Information technology - Application security - Part 7: Assurance prediction framework, \$162.00

[ISO/IEC 23000-18:2018](#), Information technology - Multimedia application formats (MPEG-A) - Part 18: Media linking application format, \$209.00

IEC Standards

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

[IEC 62680-1-3 Ed. 3.0 en:2018](#), Universal serial bus interfaces for data and power - Part 1-3: Common components - USB Type-C™ Cable and Connector Specification, \$410.00

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

[IEC 62153-4-9 Ed. 2.0 b:2018](#), Metallic communication cable test methods - Part 4-9: Electromagnetic compatibility (EMC) - Coupling attenuation of screened balanced cables, triaxial method, \$199.00

[S+ IEC 62153-4-9 Ed. 2.0 en:2018 \(Redline version\)](#), Metallic communication cable test methods - Part 4-9: Electromagnetic compatibility (EMC) - Coupling attenuation of screened balanced cables, triaxial method, \$259.00

ELECTROMECHANICAL COMPONENTS AND MECHANICAL STRUCTURES FOR ELECTRONIC EQUIPMENTS (TC 48)

[IEC 62946-01 Ed. 1.0 en:2018](#), Connectors for electrical and electronic equipment - Part 01: Rectangular connectors - Detail specification for 8-way, shielded, free and fixed high density connectors for data transmission with frequencies up to 100 MHz and with current carrying capacity up to 1A, \$199.00

FIBRE OPTICS (TC 86)

[IEC 63032 Ed. 1.0 b:2018](#), Fibre optic interconnecting devices and passive components - Fibre optic tuneable bandpass filters - Generic specification, \$164.00

[IEC 61290-4-4 Ed. 1.0 b:2018](#), Optical amplifiers - Test methods - Part 4-4: Gain transient parameters - Single channel optical amplifiers with gain control, \$82.00

FLUIDS FOR ELECTROTECHNICAL APPLICATIONS (TC 10)

[IEC 60376 Ed. 3.0 en:2018](#), Specification of technical grade sulphur hexafluoride (SF₆) and complementary gases to be used in its mixtures for use in electrical equipment, \$117.00

LAMPS AND RELATED EQUIPMENT (TC 34)

[IEC 62386-101 Amd.1 Ed. 2.0 b:2018](#), Amendment 1 - Digital addressable lighting interface - Part 101: General requirements - System components, \$47.00

[IEC 62386-101 Ed. 2.1 b:2018](#), Digital addressable lighting interface - Part 101: General requirements - System components, \$528.00

MAGNETIC ALLOYS AND STEELS (TC 68)

[IEC 60404-6 Ed. 3.0 b:2018](#), Magnetic materials - Part 6: Methods of measurement of the magnetic properties of magnetically soft metallic and powder materials at frequencies in the range 20 Hz to 100 kHz by the use of ring specimens, \$164.00

[S+ IEC 60404-6 Ed. 3.0 en:2018 \(Redline version\)](#), Magnetic materials - Part 6: Methods of measurement of the magnetic properties of magnetically soft metallic and powder materials at frequencies in the range 20 Hz to 100 kHz by the use of ring specimens, \$213.00

POWER SYSTEM CONTROL AND ASSOCIATED COMMUNICATIONS (TC 57)

[IEC 62351-3 Amd.1 Ed. 1.0 b:2018](#), Amendment 1 - Power systems management and associated information exchange - Data and communications security - Part 3: Communication network and system security - Profiles including TCP/IP, \$47.00

[IEC 62351-3 Ed. 1.1 b:2018](#), Power systems management and associated information exchange - Data and communications security - Part 3: Communication network and system security - Profiles including TCP/IP, \$176.00

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)

[IEC 60335-2-6 Ed. 6.1 en:2018](#), Household and similar electrical appliances - Safety - Part 2-6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances, \$410.00

[IEC 60335-2-6 Amd.1 Ed. 6.0 en:2018](#), Amendment 1 - Household and similar electrical appliances - Safety - Part 2-6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances, \$23.00

SAFETY OF MEASURING, CONTROL, AND LABORATORY EQUIPMENT (TC 66)

[IEC 61010-031 Ed. 2.1 en:2018](#), Safety requirements for electrical equipment for measurement, control and laboratory use - Part 031: Safety requirements for hand-held and hand-manipulated probe assemblies for electrical test and measurement., \$586.00

[IEC 61010-031 Amd.1 Ed. 2.0 en:2018](#), Amendment 1 - Safety requirements for electrical equipment for measurement, control and laboratory use - Part 031: Safety requirements for hand-held and hand-manipulated probe assemblies for electrical test and measurement., \$82.00

TOOLS FOR LIVE WORKING (TC 78)

[IEC 61482-2 Ed. 2.0 b:2018](#), Live working - Protective clothing against the thermal hazards of an electric arc - Part 2: Requirements, \$199.00

[S+ IEC 61482-2 Ed. 2.0 en:2018 \(Redline version\)](#), Live working - Protective clothing against the thermal hazards of an electric arc - Part 2: Requirements, \$259.00

IEC Technical Reports

LAMPS AND RELATED EQUIPMENT (TC 34)

[IEC/TR 63130 Ed. 1.0 en:2018](#), Dimming and hot restrike of metal halide lamps, \$82.00

IEC Technical Specifications

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

[IEC/TS 62565-4-2 Ed. 1.0 en:2018](#), Nanomanufacturing - Material specifications - Part 4-2: Luminescent nanomaterials - Detail specification for general lighting and display applications, \$82.00

Registration of Organization Names in the United States

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

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

PUBLIC REVIEW

Antech Imaging Services

Public Review: March 9 to June 1, 2018

South Carolina Law Enforcement Division (SLED)

Public Review: April 27 to July 23, 2018

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

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

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

Proposed Foreign Government Regulations

Call for Comment

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

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

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

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

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

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

Information Concerning

American National Standards

Call for Members

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

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

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

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

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

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

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

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

Membership in the SCTE Standards Program is open to all directly a 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

Approval of Reaccreditation

ASC C50 – Rotating Electrical Machinery

The reaccreditation of Accredited Standards Committee C50, Rotating Electrical Machinery has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on ASC C50-sponsored American National Standards, effective May 30, 2018. For additional information, please contact the Secretariat of ASC C50: Mr. Mike Leibowitz, Program Manager, National Electrical Manufacturers Association, 1300 N. 17th Street, Suite 900, Rosslyn, VA 22209; phone: 703.841.3264; e-mail: mike.leibowitz@nema.org.

Associated Air Balance Council (AABC)

The reaccreditation of the Associated Air Balance Council (AABC), an ANSI member and Accredited Standards Developer (ASD), has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on AABC-sponsored American National Standards, effective May 29, 2018. For additional information, please contact: Mr. Ray Bert, Director of Communications, Associated Air Balance Council, 1518 K Street, NW, Suite 503, Washington, DC 20005; phone: 202.737.0202; e-mail: standards@aabc.com.

EIFS Industry Members Association (EIMA)

The reaccreditation of the EIFS Industry Members Association (EIMA), an ANSI member and Accredited Standards Developer (ASD), has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on EIMA-sponsored American National Standards, effective May 29, 2018. For additional information, please contact: Mr. Dustin Antonello, Senior Manager, Regulatory and Technical Affairs, EIFS Industry Members Association, 513 West Broad Street, Suite 210, Falls Church, VA 22046-3257; phone: 703.538.1729; e-mail: dantonello@eima.com.

MHI – The Industry That Makes Supply Chains Work and ASC MHC – Unit Loads & Transport Packages; Pallets, Slip Sheets and Other Bases for Unit Loads

The reaccreditations of the MHI – The Industry That Makes Supply Chains Work, an ANSI member and Accredited Standards Developer (ASD) and ASC MHC, Unit Loads & Transport Packages; Pallets, Slip Sheets and Other Bases for Unit Loads, have been approved at the direction of ANSI's Executive Standards Council, under recently revised operating procedures for documenting consensus on MHI and ASC MHC-sponsored American National Standards, effective May 29, 2018. For additional information, please contact: Mr. Pat Davison, Director, Standards, MHI – The Industry That Makes Supply Chains Work, 8720 Red Oak Boulevard, Suite 201, Charlotte, NC 28217; phone: 704.714.8755; e-mail: pdavison@mhi.org.

National Electrical Manufacturers Association (NEMA)

The reaccreditation of the National Electrical Manufacturers Association (NEMA), an ANSI member and Accredited Standards Developer (ASD), has been approved at the direction of ANSI's Executive Standards Council, under its recently revised canvass operating procedures for documenting consensus on NEMA-sponsored American National Standards, effective May 30, 2018. For additional information, please contact: Mr. Mike Leibowitz, Program Manager, National Electrical Manufacturers Association, 1300 North 17th Street, Suite 900, Rosslyn, VA 22209; phone: 703.841.3264; e-mail: mike.leibowitz@nema.org.

Outdoor Power Equipment Institute (OPEI)

The reaccreditation of the Outdoor Power Equipment Institute (OPEI), an ANSI member and Accredited Standards Developer (ASD), has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on OPEI-sponsored American National Standards, effective May 29, 2018. For additional information, please contact: Mr. Michael Ross, Director of Standards, Outdoor Power Equipment Institute, 1605 King Street, 3rd Floor, Alexandria, VA 22314; phone: 703.549.7600; e-mail: mross@opei.org.

Window & Door Manufacturers Association (WDMA)

The reaccreditation of the Window & Door Manufacturers Association (WDMA), an ANSI member and Accredited Standards Developer (ASD), has been approved at the direction of ANSI's Executive Standards Council, under its recently revised operating procedures for documenting consensus on WDMA-sponsored American National Standards, effective May 30, 2018. For additional information, please contact: Mr. Steven Orłowski, Sr. Director, Standards & Technical Activities, Window & Door Manufacturers Association, 2025 M Street NW, Suite 800, Washington, DC 20036-3309; phone: 202.367.1157; e-mail: sorlowski@wdma.com.

Meeting Notice

CSA Group Technical Committee

The Hydrogen Transportation Technical Committee will meet on June 28, 2018 at 1:00 PM Eastern via teleconference. Guests planning to attend the meeting are required to notify the project manager listed below in advance of the meeting, and provide a brief explanation of interest. If you wish to present specific comments on an item of business is required, you are required to notify the project manager in writing. Notification shall include any material proposed for presentation to the Technical Committee. For more information, please contact Project Manager, Sara Marxen, at sara.marxen@csagroup.org.

Information Concerning

Meeting Notice and Call for Members for the New INCITS Technical Committee on Governance of Organizations (US TAG to ISO/TC 309)

Organizational Meeting – Tuesday, June 19, 2018. The organizational meeting of the new committee INCITS/Governance of Organizations will be held via WebEx on Tuesday, June 19, 2018 from 11:00 AM to 5:00 PM (Eastern time). The agenda, related documents and instructions for joining the WebEx meeting will be distributed to organizational representatives requesting membership on the new committee. RSVPs for the meeting should be submitted to Jennifer Garner (jgarner@itic.org) as soon as possible

The INCITS Executive Board established a new Technical Committee INCITS/Governance of Organizations and delegated the US TAG responsibilities for ISO/TC 309 to this new INCITS Technical Committee.

Scope of ISO/TC 309 – Standardization in the field of governance relating to aspects of direction, control and accountability of organizations.

The INCITS committee will operate under the ANSI-accredited procedures for the InterNational Committee for Information Technology Standards (INCITS); (see [INCITS Organization, Policies and Procedures](#)). Additional information can also be found at <http://www.INCITS.org> and <http://www.incits.org/participation/membership-info>.

The complete meeting notice and membership information can be found at https://standards.incits.org/apps/group_public/document.php?document_id=98060&wg_abbrev=governance.

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NSF/ANSI Standard
for Sustainability —

Sustainability assessment for single ply roofing

2.1 Normative references

ANSI/ASHRAE/IESNA 90.1-2010¹⁶ – Energy Standard for Buildings Except Low-Rise Residential Buildings³

ASTM D4434 / D4434M, Standard Specification for Poly(Vinyl Chloride) Sheet Roofing⁴

ASTM D4637 / D4637M, Standard Specification for EPDM Sheet Used In Single-Ply Roof Membrane⁴

ASTM D6754, Standard Specification for Ketone Ethylene Ester Based Sheet Roofing⁴

ASTM D6878, Standard Specification for Thermoplastic Polyolefin Based Sheet Roofing⁴

ASTM D7067, Standard Specification for Reinforced White PIB Sheet Used in Roofing Membrane⁴

ASTM E108, Standard Test Methods for Fire Tests of Roof Coverings⁴

NOTE – For ASTM references, the standard referenced in the normative references will be the most current version of the standard.

District Rule 1113 – 2004¹⁶, *Architectural Coatings*⁵

District Rule 1168 – 2005¹⁷, *Adhesive and Sealant Applications*⁶

Environment Canada, National Pollutant Release Inventory (NPRI)⁷

³ American Society of Heating, Refrigerating, and Air-Conditioning Engineers, Inc. (ASHRAE), 1791 Tullie Circle, N.E. Atlanta, GA 30329. <www.ashrae.org>.

⁴ ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959. <<http://www.astm.org>>.

⁵ South Coast Air Quality Management District, 21865 Copley Dr, Diamond Bar, CA 91765. <<http://www.arb.ca.gov/drdb/sc/cur.htm>>.

⁶ Cool Roof Rating Council, 1610 Harrison Street, Oakland, CA 94612. <<http://www.coolroofs.org>>.

⁷ Environment Canada, 200 Sacre-Coeur Blvd., Gatineau, Quebec K1A 0H3 Canada. <<http://www.ec.gc.ca/inrp-npri>>.

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Canadian Construction Material Center (CCMC) Technical Guidance⁸

Global Reporting Initiative (GRI) Sustainability Reporting Framework, G3 Guidelines⁹

International Code Council Evaluation Service (ICCES)¹⁰

International Labour Organization (IARC), Monographs on the Evaluation of Carcinogenic Risks to Humans, International Agency on the Research of Cancer¹¹

International Labour Organization (ILO), Convention 29, Forced Labour Convention, 1930¹²

International Labour Organization (ILO), Convention 105, Abolition of Forced Labour Convention, 1957¹²

International Labour Organization (ILO), Convention 182, Worst Forms of Child Labour Convention, 1999¹²

International Organization for Standardization, (ISO), ISO 14001: 2004¹⁵, Environmental management systems – Requirements with guidance for use¹³

International Organization for Standardization, (ISO), ISO 14020: 2000, Environmental labels and declarations – General principles¹³

International Organization for Standardization, (ISO), ISO 14025: 2006, Environmental labels and declarations – Type III environmental declarations – Principles and procedures¹³

International Organization for Standardization, (ISO), ISO 14040: 2006, Environmental management – Life cycle assessment – Principles and framework¹³

International Organization for Standardization, (ISO), ISO 14044: 2006, Environmental management – Life cycle assessment – Requirements and guidelines¹³

International Organization for Standardization, (ISO), ISO 14064-1: 2006, Greenhouse gases – Part 1: Specification with guidance at the organization level for quantification and reporting of greenhouse gas emissions and removals¹³

⁸ National Research Council of Canada, 1200 Montreal Road, Bldg. M-58, Ottawa, Ontario Canada. <www.nrc-cnrc.gc.ca/ccmc>.

⁹ Global Reporting Initiative, PO Box 10039, 1001 EA, Amsterdam, The Netherlands. <<http://www.globalreporting.org>>.

¹⁰ International Code Council Evaluation Service (ICCES) 5360 Workman Mill Road, Whittier, CA 90601. <<http://www.icc-es.org>>.

¹¹ International Agency for Research on Cancer (IARC), 150 Cours Albert Thomas, 69372 Lyon CEDEX 08, France. <<http://monographs.iarc.fr/index.php>>.

¹² International Labour Organization, 4 route des Morillons, CH-122 Genève 22, Switzerland. <<http://www.ilo.org>>.

¹³ International Organization for Standardization (ISO), 1 ch. de la Voie-Creuse, Case postale 56, CH-1211 Geneva, Switzerland. <<http://www.iso.org>>.

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International Organization for Standardization, (ISO), ISO 14064-2: 2006, Greenhouse gases – Part 2: Specification with guidance at the project level for quantification, monitoring and reporting of greenhouse gas emission reductions or removal enhancements¹³

International Organization for Standardization, (ISO), ISO 14064-3: 2006, Greenhouse gases – Part 3: Specification with guidance for the validation and verification of greenhouse gas assertions¹³

International Organization for Standardization, (ISO), ISO 9000: 2015, Quality Management¹³

International Responsible Care Initiative, Responsible Care Management System® (RCMS®)¹⁴

Maplecroft, Map of Human Rights Risk¹⁵

National Institute of Standards and Technology (NIST), Building for Environmental and Economic Sustainability (BEES) software¹⁶

Organisation for Economic Co-operation and Development, Measuring Capital: OECD Manual¹⁷

State of California Environmental Protection Agency, Proposition 65, Safe Drinking Water and Toxic Enforcement Act of 1986/2018 – Chemicals Known to the State to Cause Cancer or Reproductive Toxicity¹⁸

Social Accountability International, SA8000:2008/14, *Social Accountability*¹⁹

Stockholm Convention on Persistent Organic Pollutants (POPs) – Annex A, B, and C²⁰

Underwriters Laboratory, UL-790.8 - 2004/14, Standard Test Methods for Fire Tests of Roof Coverings²¹

US Department of Energy, National Renewable Energy Laboratory (NREL), U.S. Life Cycle Inventory Database²²

US Department of Health and Human Services, National Toxicology Program (NTP), Report on Carcinogens²³

¹⁴ International Responsible Care Initiative. <<http://responsiblecare.org>>.

¹⁵ Maplecroft, The Towers, St Stephen's Road, Bath, BA1 5JZ, United Kingdom. <<http://www.maplecroft.com>>.

¹⁶ National Institute of Standards and Technology (NIST), Building and Fire Research, 100 Bureau Drive, Stop 8600, Gaithersburg, MD 20899-8600. <<http://www.nist.gov/bfrl>>.

¹⁷ OECD, 2, rue Andre' Pascal, 75775 Paris Cedex 16, France. <<http://oecd.org>>.

¹⁸ OEHHA (Office of Environmental Health Hazard Assessment), 1001 Street, P.O. Box 2815, Sacramento, CA 95812-2815. <<http://www.oehha.org/prop65>>.

¹⁹ Social Accountability International, 15 West 44th Street, 6th Floor, New York, NY 10036. <<http://www.sai-intl.org>>.

²⁰ United Nations Environment Programme, Stockholm Convention. 11-13, Chemin des Anémones – 1219 Châtelaine, Switzerland. <<http://chm.pops.int>>.

²¹ Underwriters Laboratories, 2600 N.W. Lake Rd. Camas, WA 98607-8542. <<http://www.ul.com>>.

²² U.S. Department of Energy's National Renewable Energy Laboratory (NREL), 1617 Cole Blvd., Golden, CO 80401. <<http://www.nrel.gov/lci/>>.

²³ National Toxicology Program (NTP): U.S. Department of Health and Human Services, Public Health Service,

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US Environmental Protection Agency (USEPA), ENERGY STAR Roof Products Key Product Criteria²⁴

US Environmental Protection Agency (USEPA), Great Lakes Binational Toxics Strategy (Level I and II Substances)²⁵

US Environmental Protection Agency (USEPA), Integrated Risk Information System (IRIS) database²⁶

US Environmental Protection Agency (USEPA), National Waste Minimization Program, Priority Chemicals²⁷

US Environmental Protection Agency (USEPA), Tool for the Reduction and Assessment of Chemical and Other Environmental Impacts (TRACI)²⁸

US Environmental Protection Agency (USEPA), Toxics Release Inventory (TRI) Program²⁹

US Environmental Protection Agency (USEPA), Toxics Release Inventory (TRI) Program – Persistent, Bioaccumulative, and Toxic (PBT) Chemicals Rules³⁰

US Occupational Safety and Health Administration (OSHA) – Regulated Toxic Metal or Carcinogen³¹

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Research Triangle Park, NC 27709. <<http://ntp.niehs.nih.gov/>>.

²⁴ US EPA, ENERGY STAR Hotline (6202J), 1200 Pennsylvania Ave NW, Washington, DC 20460 <<http://www.energystar.gov/>>.

²⁵ US EPA, Great Lakes Binational Toxics Strategy, 1200 Pennsylvania Ave NW, Washington, DC 20460 <<http://www.epa.gov/greatlakes/p2/bns.html#Appendix I>>.

²⁶ US EPA, Integrated Risk Information System (IRIS), 1200 Pennsylvania Ave NW, Washington, DC 20460 <<http://www.epa.gov/IRIS/>>.

²⁷ US EPA - Office of Resource Conservation and Recovery, 1200 Pennsylvania Avenue, NW, Washington, DC 20460. <<http://www.epa.gov/epawaste/hazard/wastemin/index.htm>>.

²⁸ US EPA - Office of Research and Development, National Risk Management Research Laboratory, Sustainable Technology Division – Systems Analysis Branch (MS-466), 26 West Martin Luther King Drive, Cincinnati, OH 45268 <<http://www.epa.gov/nrmrl/std/sab/traci/>>.

²⁹ US EPA - TRI Reporting Center, PO Box 10163, Fairfax, VA 22038. <<http://www.epa.gov/tri/index.htm>>.

³⁰ US EPA - TRI Reporting Center, PO Box 10163, Fairfax, VA 22038. <<http://www.epa.gov/triinter/lawsandregs/pbt/pbtrule.htm>>.

³¹ US Occupational Safety and Health Administration (OSHA), 200 Constitution Ave., NW, Washington, DC 20210. <www.osha.gov/>.

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BSR/UL 1026, Standard for Household Electric Cooking and Food Serving Appliances

1. Withdrawal of Proposal: Topic 2 - Revision to smart enabled appliances to remove the requirement for a visible indication when the product is in smart enabled mode

PROPOSAL

If the 2017-10-13 proposal is withdrawn, the current requirements in the standard would remain unchanged as shown below:

SA2.6.4 An indicator that is visible during normal use shall be provided to indicate when the product is in smart enabled mode and can receive external communications or data.

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BSR/UL 1449, Standard for Safety for Surge Protective Devices**1. Allowance for Lower Power Factors During Intermediate Current Testing****Table 52.1
Power factor**

Available fault current	Power factor^a
200 A	0.80 - 1.0
1000 A	0.70 - 0.80
2000 - 10,000 A	0.40 - 0.50
10,001 - 20,000 A	0.25 - 0.30
>20,000 A	≤0.20

^a Power factor may be less.

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BSR/UL 1971, Standard for Safety for Signaling Devices for the Hearing Impaired

PROPOSAL

27 Signal Strength and Format Test

27.1.3 The following minimum signal strengths shall be met:

- a) Signaling lights shall produce a candela output in effective intensity in accordance with Tables 27.1 - 27.3 and Figures 27.1 - 27.3. The flash rate shall not be less than 1 hertz or greater than 2 hertz over the rated operating voltage range. The maximum light pulse duration shall be 200 ms. Rated light output is to be based on a maximum 20 ms light pulse. For pulse durations between 20 ms and 200 ms, an effective candela equivalency to a 20 ms light output is determined by dividing the measured light output value by the corresponding multiplier in Table 27.4. Light output ratings for pulse widths less than 20 ms are the measured value obtained in 27.2.1. The light output shall be white light. The measurement of light output shall be in accordance with the procedure described in 27.2.1 - 27.2.4.
- b) A vibration unit (not worn) shall produce a radial displacement of 1/8 inch (3.2 mm) minimum. The vibration frequency shall be within a range of 60 - 120 hertz. The vibration device shall have a cross-sectional area of at least 6 square inches (38.7 cm²) for at least one of its three dimensional planes and that plane shall have linear dimensions not less than 1-3/8 inches (34.9 mm).
- c) Air movement systems shall produce a minimum air peak velocity of 270 feet (82 m) per minute at a distance of 5 feet (1.5 m). The signal shall vary from zero air movement to peak velocity at a frequency of 15 - 20 cycles per minute. The pattern shall impact a full 2-foot square (0.372-m²) area.

(NEW)

Table 27.4
Effective candela ratings

Light pulse duration (msec)	Device rating required effective candela multiplier	Light pulse duration (msec)	Device rating required effective candela multiplier
20	1.00	115	4.02
25	1.22	120	4.13
30	1.43	125	4.23
35	1.64	130	4.33
40	1.83	135	4.43
45	2.02	140	4.53
50	2.20	145	4.62
55	2.37	150	4.71
60	2.54	155	4.80

65	2.70	160	4.89
70	2.85	165	4.97
75	3.00	170	5.05
80	3.14	175	5.13
85	3.28	180	5.21
90	3.41	185	5.29
95	3.54	190	5.36
100	3.67	195	5.43
105	3.79	2.00	5.50
110	3.90		

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