ANSI STANDARDS ACTION

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Contents

American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

ISSN 0038-9633

Comment Deadline: February 3, 2019

ICE (Institute for Credentialing Excellence)

Revision

BSR/ICE 1100-201x, Standard for Assessment-Based Certificate Programs (revision and redesignation of ANSI/NOCA 1100-2009)

This standard pertains to assessment-based certificate programs. An assessment-based certificate program is a non-degree granting program that: (a) provides instruction and training to aid participants in acquiring specific knowledge, skills, and/or competencies associated with intended learning outcomes; (b) evaluates participants' accomplishment of the intended learning outcomes; and (c) awards a certificate only to those participants who meet the performance, proficiency, or passing standard for the assessment(s) (hence the term, “assessment-based certificate program”).

Click here to view these changes in full

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

NSF (NSF International)

Revision

BSR/NSF 49-201x (i120r2), Biosafety Cabinetry - Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49 -2018)

This Standard applies to Class II (laminar flow) biosafety cabinetry designed to minimize hazards inherent in work with agents assigned to biosafety levels 1, 2, 3, or 4. It also defines the tests that shall be passed by such cabinetry to meet this Standard. This Standard includes basic requirements for the design, construction, and performance of biosafety cabinets (BSCs) that are intended to provide personnel, product, and environmental protection; reliable operation; durability and structural stability; cleanability; limitations on noise level; illumination; vibration; and motor/blower performance.

Click here to view these changes in full

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

BSR/NSF 350-201x (i39r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2017a)

This Standard contains minimum requirements for onsite residential and commercial greywater treatment systems. Systems may include Greywater reuse treatment systems having a rated treatment capacity up to 5,678 L/d (1,500 gal/d); or Commercial greywater reuse treatment systems. This applies to onsite commercial reuse treatment systems that treat combined commercial facility greywater with capacities exceeding 5,678 L/d (1,500 gal/d) and commercial facility laundry water only of any capacity. Management methods and end uses appropriate for the treated effluent discharged from greywater residential and commercial treatment systems meeting this Standard are limited to subsurface discharge to the environment only.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Jason Snider, jsnider@nsf.org

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 817-201X, Standard for Safety for Cord Sets and Power-Supply Cords (revision of ANSI/UL 817-2018)

Clarity on the Measuring Length of Cord, New 10.17, Revised 9.5.1, Figure 9.1, and SA2.2.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Linda Phinney, (510) 319-4297, Linda.L.Phinney@ul.com

Comment Deadline: February 18, 2019

AIAA (American Institute of Aeronautics and Astronautics)

New Standard

BSR/AIAA S-144-201x, Qualification and Acceptance Tests for Commoditized Space Battery Cells (new standard)

Provides specifications for space battery cells for launch vehicles, missiles, targets, space satellites, or spacecraft. It includes normative requirements for exterior dimensions, standard interfaces, common components, tests, inspection, manufacturer transparency, and standardized reporting for space battery cells. Cell environmental requirements shall be met by passing the qualification test in this document. Qualification tests demonstrate the ability to withstand transportation, assembly, installation, range, launch, and on-orbit environments. Similarity between the qualified cells and as-built cells shall be met by passing acceptance and lot certification tests in this document.

Single copy price: Free (AIAA Members); $79.95 (Non-Members)

Obtain an electronic copy from: hillaryw@aiaa.org

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

ANS (American Nuclear Society)

Reaffirmation

BSR/ANS 8.21-1995 (R201x), Use of Fixed Neutron Absorbers in Nuclear Facilities Outside Reactors (reaffirmation of ANSI/ANS 8.21 -1995 (R2011))

This standard provides guidance for the use of fixed neutron absorbers, including Raschig Rings or similar absorbers as an integral part of nuclear facilities or fissionable material process equipment outside reactors, where such absorbers provide criticality safety control.

Single copy price: $52.00

Obtain an electronic copy from: standards@ans.org

Order from: orders@ans.org

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

ASA (ASC S3) (Acoustical Society of America)

Reaffirmation

BSR/ASA S3.47-2014 (R201x), Specification of Performance Measurement of Hearing Assistance Devices/Systems (reaffirmation of ANSI/ASA S3.47-2014)

Provides methods for evaluation of hearing assistance devices/systems (HADS) that are packaged for individual use and deliver the signal via air conduction to the user. Among the test methods described are family of response curves, output sound pressure curve for 90-dB sound pressure level input, frequency range, total harmonic distortion, noise level with no input, static and dynamic AGC characteristics, and gain control linearity. The measurements are similar to those described in ANSI/ASA S3.22-2009, American National Standard Specification of Hearing Aid Characteristics.

Single copy price: $110.00

Obtain an electronic copy from: asastds@acousticalsociety.org

Order from: Caryn Mennigke, (631) 390-0215, asastds@acousticalsociety.org

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

BSR/ASA S3.55-2014/Part 1/IEC 60318-1:2009 (R201x), Electroacoustics - Simulators of Human Head and Ear - Part 1: Ear Simulator for the Measurement of Supra-aural and Circumaural Earphones (a nationally adopted international standard) (reaffirmation of ANSI/ASA S3.55-2014/Part 1/IEC 60318-1:2009)

Specifies an ear simulator for the measurement of supra-aural and circumaural earphones (used, for example, in audiometry and telephonometry) applied to the ear without acoustical leakage, in the frequency range from 20 Hz to 10 kHz. The same device can be used as an acoustic coupler at additional frequencies up to 16 kHz.

Single copy price: $82.00

Obtain an electronic copy from: asastds@acousticalsociety.org

Order from: Caryn Mennigke, (631) 390-0215, asastds@acousticalsociety.org

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

HPS (ASC N13) (Health Physics Society)

Reaffirmation

BSR N13.6-2010 (R201x), Practice for Occupational Radiation Exposure Records Systems (reaffirmation of ANSI N13.6-2010)

This standard provides guidance for radiological facility operators for implementing an occupational radiological exposure records program. It sets forth acceptable techniques for the generation, administration, and retention of occupational radiation exposure records and supporting documentation. This standard applies to all facilities that have personnel who are monitored for exposure to radiation or radioactive material.

Single copy price: $50.00

Obtain an electronic copy from: nanjohns@verizon.net

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

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

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 580-2009 (R201x), Standard for Safety for Tests for Uplift Resistance of Roof Assemblies (reaffirmation of ANSI/UL 580-2009 (R2013))

UL proposes a reaffirmation for ANSI approval of UL 580.

Single copy price: Free

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

Send comments (with copy to psa@ansi.org) to: Kevin Wu, (613) 368-4437, kevin.hf.wu@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1821-201x, Thermoplastic Sprinkler Pipe and Fittings for Fire Protection Service (revision of ANSI/UL 1821-2017)

UL proposes the development of a joint US-Canada standard by including Canadian requirements. Additionally, this revision/new edition will include testing requirements for pipes and fittings intended to be embedded in concrete.

Single copy price: Free

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

Send comments (with copy to psa@ansi.org) to: Kevin Wu, (613) 368-4437, kevin.hf.wu@ul.com

Comment Deadline: March 5, 2019

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

ASME (American Society of Mechanical Engineers)

Reaffirmation

BSR/ASME MFC-16-2014 (R201x), Measurement of Fluid Flow in Closed Conduit by Means of Electromagnetic Flowmeters (reaffirmation of ANSI/ASME MFC-16-2014)

This Standard is applicable to industrial electromagnetic flowmeters and their application in the measurement of liquid flow. The electromagnetic flowmeters covered by this Standard utilize an alternating electrical current (AC) or pulsed direct-current (pulsed-DC) to generate a magnetic field in electrically conductive and electrically homogeneous liquids or slurries flowing in a completely filled, closed conduit.

Single copy price: $39.00

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

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

Send comments (with copy to psa@ansi.org) to: Michelle Pagano □, (212) 591-8399, paganom@asme.org

ASME (American Society of Mechanical Engineers)

Stabilized Maintenance

BSR/ASME B5.9-1967 (S201x), Spindle Noses for Tool Room Lathes, Engine Lathes, Turret Lathes, and Automatic Lathes (stabilized maintenance of ANSI/ASME B5.9-1967 (R2014))

These spindle noses are for use on engine lathes, tool room lathes, turret lathes and automatic lathes and may be used advantageously on other machines wherever chucks or fixtures must be mounted accurately and rigidly on revolving spindles□.

Single copy price: $39.00

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

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

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

BSR/ASME B5.10-1994 (S201x), Machine Tapers (stabilized maintenance of ANSI/ASME B5.10-1994 (R2013))

This Standard establishes (1) American standard practice for the slope of self-holding and steep machine tapers, (2) the detailed dimensions for this type of taper tool shank, and (3) the corresponding dimensions for the taper socket in the spindle of the machine, including the dimensions of keyways.

Single copy price: $39.00

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

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

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

BSR/ASME B5.18-1972 (S201x), Spindle Noses and Tool Shanks for Milling Machines (stabilized maintenance of ANSI/ASME B5.18 -1972 (R2014))

This standard provides the essential dimensions of spindle noses and tools shanks for milling machines.

Single copy price: $33.00

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

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

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

BSR/ASME B5.40-1977 (S201x), Spindle Noses and Tool Shanks for Horizontal Boring Machines (stabilized maintenance of ANSI/ASME B5.40-1977 (R2013))

This standard establishes (1) the American practice for the construction of spindle noses for horizontal boring machines by showing a number of types of such construction, (2) the important dimensions for self holding and steep machine tapers as well as drive keys, draw bolts, drift and keeper key slots, bolt circles for face mounting of milling cutters, etc., (3) the corresponding dimensions for the taper shanks for construction of tools (boring bars, arbors, etc.) to fit the spindle nose tapers.

Single copy price: $33.00

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

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

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

Projects Withdrawn from Consideration

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

ASTM (ASTM International)

BSR/ASTM WK56474-201x, New Specification for Special Inspections of Life Safety Items in Construction (new standard)

Inquiries may be directed to Corice Leonard, (610) 832-9744, accreditation@astm.org

CTA (Consumer Technology Association)

BSR/CTA 109-D-2009 (S201x), Intermediate Frequencies for Entertainment Receivers (stabilized maintenance of ANSI/CTA 109-D -2009)

BSR/CTA 2040-A-201x, SD Common Card Interface Standard (revision and redesignation of ANSI/CTA 2040-2011)

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
Suite 301
Arlington, VA 22203-1633

Contact: *Colleen Elliott*

Phone: (703) 253-8261

E-mail: celliott@aami.org

BSR/AAMI PB70-201x, Liquid barrier performance and classification of protective apparel and drapes intended for use in health care facilities (revision of ANSI/AAMI PB70-2012)

AARST (American Association of Radon Scientists and Technologists)

Office: 475 South Church Street, Suite 600
Hendersonville, NC 28792

Contact: *Gary Hodgden*

Phone: (202) 830-1110

E-mail: StandardsAssist@gmail.com

BSR/AARST RRNC-201x, Rough-in of Radon Control Components in New Construction of 1 & 2 Family Dwellings and Townhouses. (new standard)

AIAA (American Institute of Aeronautics and Astronautics)

Office: 12700 Sunrise Valley Drive, Suite 200
Reston, VA 20191-5807

Contact: *Hillary Woehrle*

Phone: (703) 264-7546

E-mail: hillaryw@aiaa.org

BSR/AIAA S-144-201x, Qualification and Acceptance Tests for Commoditized Space Battery Cells (new standard)

ALI (Automotive Lift Institute)

Office: PO Box 85
80 Wheeler Avenue
Cortland, NY 13045

Contact: *Bob O'Gorman*

Phone: (607) 756-7775

E-mail: info@autolift.org

BSR/ALI ALIS-201X, Standard for Automotive Lifts - Safety Requirements for Installation and Service (revision of ANSI/ALI ALIS:2009 (R2015))

ASA (ASC S3) (Acoustical Society of America)

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

Contact: *Caryn Mennigke*

Phone: (631) 390-0215

E-mail: asastds@acousticalsociety.org

BSR/ASA S3.47-2014 (R201x), Specification of Performance Measurement of Hearing Assistance Devices/Systems (reaffirmation of ANSI/ASA S3.47-2014)

BSR/ASA S3.55-2014/Part 1/IEC 60318-1:2009 (R201x), Electroacoustics - Simulators of Human Head and Ear - Part 1: Ear Simulator for the Measurement of Supra-aural and Circumaural Earphones (a nationally adopted international standard) (reaffirmation of ANSI/ASA S3.55-2014/Part 1/IEC 60318-1:2009)

IES (Illuminating Engineering Society)

Office: 120 Wall Street, Floor 17
New York, NY 10005

Contact: *Patricia McGillicuddy*

Phone: (917) 913-0027

E-mail: pmcgillicuddy@ies.org

BSR/IES LP-2-201x, Designing Quality Lighting for People in Outdoor Environments (new standard)

BSR/IES TM-XX TLA-201x, IES Approved Method: Measuring and Quantifying Temporal Light Artifacts (TLA) (new standard)

NEMA (ASC C50) (National Electrical Manufacturers Association)

Office: 1300 N 17th St, Suite 900
Rosslyn, VA 22209

Contact: *Mike Leibowitz*

Phone: (703) 841-3264

E-mail: mike.leibowitz@nema.org

BSR NEMA MG 1-201x Amendment 1, Motors and Generators (addenda to ANSI/NEMA MG 1-2016)

NSF (NSF International)

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

Contact: *Allan Rose*

Phone: (734) 827-3817

E-mail: arose@nsf.org

BSR/NSF 49-201x (i120r2), Biosafety Cabinetry - Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2018)

BSR/NSF 350-201x (i39r2), Onsite Residential and Commercial Water Reuse Treatment Systems (revision of ANSI/NSF 350-2017a)

UL (Underwriters Laboratories, Inc.)

Office: 171 Nepean Street
Suite 400
Ottawa, ON K2P 0B4 Canada

Contact: *Kevin Wu*

Phone: (613) 368-4437

E-mail: kevin.hf.wu@ul.com

BSR/UL 580-2009 (R201x), Standard for Safety for Tests for Uplift Resistance of Roof Assemblies (reaffirmation of ANSI/UL 580-2009 (R2013))

Call for Members (ANS Consensus Bodies)

National Council for Prescription Drug Programs (NCPDP)
Enrollment in the 2019 Consensus Group opens Monday, January 14, 2019 and closes on Friday, February 15, 2019 at 8:00 p.m. Eastern Time. Information concerning the Consensus Group registration process is available by contacting:

Kittye Krempin
National Council for Prescription Drug Programs
9240 East Raintree Drive
Scottsdale, AZ 85260
Phone: (480) 296-4584
E-mail: kkrempin@ncpdp.org

Standards:

Audit Transaction Standard – supports an electronic audit transaction that facilitates requests, responses, and final outcomes transmissions for both "Desk Top" claim audits and for in-store audit notices.

Batch Standard Subrogation - provides a uniform approach to efficiently process post-payment subrogation claims and eliminate the numerous custom formats used in the industry today.

Benefit Integration Standard - supports the communication of accumulator data (such as deductible and out of pocket) between Benefit Partners to administer integrated benefits for a member.

Billing Unit Standard - provides a consistent and well-defined billing unit for use in pharmacy transactions. This results in time savings and accuracy in billing and reimbursement.

Financial Information Reporting Standard – provides a process whereby financial information is moved from one PBM to another when a patient changes benefit plans.

Formulary and Benefit Standard – provides a standard means for pharmacy benefit payers (including health plans and Pharmacy Benefit Managers) to communicate formulary and benefit information to prescribers via technology vendor systems.

Manufacturer Rebate Standard – provides a standardized format for the electronic submission of rebate information from Pharmacy Management Organizations (PMOs) to Pharmaceutical Industry Contracting Organizations (PICOs).

Medicaid Subrogation Standard – provides guidelines for the process whereby a Medicaid agency can communicate to a processor for reimbursement. The state has reimbursed the pharmacy provider for covered services and now is pursuing reimbursement from other payers for these services.

Medical Rebates Data Submission Standard – provides a standardized format for health plans' rebate submissions to multiple manufacturers throughout the industry. Implementation of the medical also eliminates the need for manufacturers to create internal mapping processes to standardize unique data formats from each health plan or third party administrator.

Post Adjudication Standard – provides a format for supplying detailed drug or utilization claim information after the claim has been adjudicated.

Prescription Transfer Standard – developed to create file formats for the purpose of electronically transferring prescriptions between pharmacies.

Prior Authorization Transfer Standard – developed to define the file format and correct usage for electronically transferring existing prior authorization data between payer/processors when transitioning clients, performing system database or platform changes, or other scenarios where an existing prior authorization record is stored in one location and needs to be moved to another.

Product Identifiers Standard – developed to provide a standard for consistent formatting and utilization of product identifiers in healthcare and to provide clarification for maintenance of these specific product identifiers.

Retiree Drug Subsidy Standard – developed to assist in the automation of summarized drug cost and related data transfer from one processor/pharmacy benefit manager to another processor/ pharmacy benefit manager for continuation of the CMS Retiree Drug Subsidy (RDS) cost data reporting by the receiving entity.

SCRIPT Standard – developed for transmitting prescription information electronically between prescribers, providers, and other entities.

Specialized Standard – developed for transmitting information electronically between prescribers, providers, and other entities. The standard addresses the electronic transmission of census information about a patient between a facility and a pharmacy, medication therapy management transactions between providers, payers, pharmacies, and other entities. It will include other transactions for electronic exchanges between these entities in the future.

Specialty Pharmacy Data Reporting Standard - provides a standardized format for the data submitted by specialty pharmacy to drug manufacturers/others to support programs and agreements between the parties.

Telecommunication Standard – developed a standardized format for electronic communication of claims and other transactions between pharmacy providers, insurance carriers, third-party administrators, and other responsible parties.

Uniform Healthcare Payer Data Standard – developed a standard format for pharmacy claim data to support the reporting requirements of claim data to states or their designees.

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.

AMCi (AMC Institute)

New Standard

ANSI/AMCi A100.1-2018, Standard of Good Practices for Association Management Companies (new standard): 12/19/2018

ITSDF (Industrial Truck Standards Development Foundation, Inc.)

Reaffirmation

ANSI/ITSDF B56.11.4-2013 (R2018), Hook-Type Forks and Fork Carriers for Powered Industrial Forklift Trucks (reaffirmation of ANSI/ITSDF B56.11.4-2013): 12/19/2018

ANSI/ITSDF B56.11.5-2014 (R2018), Measurement of Sound Emitted by Low Lift, High Lift, and Rough Terrain Powered Industrial Trucks (reaffirmation of ANSI/ITSDF B56.11.5-2014): 12/19/2018

UL (Underwriters Laboratories, Inc.)

Reaffirmation

ANSI/UL 935-2014 (R2018), Standard for Fluorescent-Lamp Ballasts (reaffirmation of ANSI/UL 935-2014): 12/18/2018

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.

AAMI (Association for the Advancement of Medical Instrumentation)

Contact: Colleen Elliott, (703) 253-8261, celliott@aami.org
4301 N. Fairfax Drive, Suite 301, Suite 301, Arlington, VA 22203-1633

Revision

BSR/AAMI PB70-201x, Liquid barrier performance and classification of protective apparel and drapes intended for use in health care facilities (revision of ANSI/AAMI PB70-2012)

Stakeholders: Manufacturers, users.

Project Need: Expand the types of protective apparel that are included in the standard.

This standard covers surgical drapes, drape accessories, and all types of protective apparel that are labeled with liquid barrier claims or liquid-borne microbial barrier claims (e.g., single-use and multiple-use surgical gowns, decontamination garments, isolation gowns, other protective gowns, aprons, laboratory attire, decontamination attire, surgical togas, hoods, boot covers, and sleeves). Some of these devices are regulated by the U.S. Food and Drug Administration (FDA) as medical devices under 21 CFR 878.

AARST (American Association of Radon Scientists and Technologists)

Contact: Gary Hodgden, (202) 830-1110, StandardsAssist@gmail.com
475 South Church Street, Suite 600, Hendersonville, NC 28792

New Standard

BSR/AARST RRNC-201x, Rough-in of Radon Control Components in New Construction of 1- and 2-Family Dwellings and Townhouses (new standard)

Stakeholders: Building code inspectors and officials, home builders, consumers of new homes, home inspectors, state radon programs, national radon proficiency programs, architects, private radon mitigation and measurement companies, manufacturers and vendors, radon educators and universities, and USEPA and similar agencies in North America or internationally.

Project Need: This standard would address the needs where activities for verifying the effectiveness of radon control are outside the purview of a jurisdiction, code authority, or contract arrangements, and for situations where time constraints or logistics prevent evaluations of radon concentrations in conjunction with completing a newly constructed home.

This standard provides minimum specifications for the rough-In of radon control components in newly constructed 1- and 2-family dwellings and townhouses. This standard does not include performance testing for effectiveness that might be achieved by installed components.

AGA (ASC Z380) (American Gas Association)

Contact: Betsy Tansey, (202) 824-7339, btansey@aga.org
400 North Capitol Street, NW, Washington, DC 20001

Revision

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

Stakeholders: Natural and LP gas transmission, distribution, and gathering piping system operators; federal and state regulatory agencies involved in enforcement activities; manufacturers and suppliers of material and equipment to the industry.

Project Need: Update guidance material to reflect current and new regulations and industry practices, issue addenda as necessary to update the 2018 version of the standard.

The standard provides guidance to operators of natural gas and LP pipeline systems regulated under U.S. CFR 49, Parts 191 and 192.

ALI (Automotive Lift Institute)

Contact: Bob O'Gorman, (607) 756-7775, info@autolift.org
PO Box 85, 80 Wheeler Avenue, Cortland, NY 13045

Revision

BSR/ALI ALIS-201X, Standard for Automotive Lifts - Safety Requirements for Installation and Service (revision of ANSI/ALI ALIS:2009 (R2015))

Stakeholders: Automotive service lift owners, users, installers, service personnel, and the regulatory community.

Project Need: This project is needed to revise an existing reaffirmed American National Standard.

This standard covers the safety requirements for the installation and service of automotive lifts. It provides guidance to the installer and service technician for the installation and service of automotive lifts including the required qualifications, training, reporting, and documentation for installers and service personnel.

APSP (Association of Pool & Spa Professionals)

Contact: Susan Hilaski, (703) 838-0083 EXT 150, shilaski@apsp.org
2111 Eisenhower Ave., Suite 500, Alexandria, VA 22314

Revision

BSR/APSP/ICC/NPC-12-201x, Standard for the Plastering of Swimming Pools and Spas (revision of ANSI/APSP/ICC/NPC-12-2015)

Stakeholders: Engineers; architects; designers; pool builders; plastering subcontractors; pool service industry professionals; cement and concrete laboratories; cement and concrete failures analysts; federal, state, and local government agencies; state and/or local health department; homeowners.

Project Need: To update information contained in the existing published standard on the plastering of swimming pools and spas.

This standard covers the material and application for the plastering of cementitious finish coatings for in-ground swimming pools or other cementitious water-containment vessels. It addresses the cementitious interior finish of swimming pools, spas, and other aquatic facilities, public and residential.

BSR/APSP/ICC 14-201x, Standard for Portable Electric Spa Energy Efficiency (revision of ANSI/APSP/ICC-14 2014)

Stakeholders: Spa manufacturers, spa components and materials suppliers, regulatory authorities, and consumers.

Project Need: To harmonize the existing standard with California Energy Commission (CEC) requirements and reduce the allowable energy consumption of portable electric spas.

This standard states the requirements that apply to factory-built residential portable electric spas and residential exercise spas (also known as swim spas) and portions of combination spas/swim spas that are used for bathing and are operated by a private owner. It sets forth minimum energy efficiency requirements for portable electric spas and swim spas.

ASME (American Society of Mechanical Engineers)

Contact: Mayra Santiago, (212) 591-8521, ansibox@asme.org
Two Park Avenue, New York, NY 10016-5990

New Standard

BSR/ASME V&V 1-201x, Guide to ASME Verification, Validation and Uncertainty Quantification (new standard)

Stakeholders: Designers, general interest, laboratory, producers/manufacturers, regulatory/government, consultants, and users.

Project Need: There is currently no overarching document that provides an introduction to ASME verification, validation, and uncertainty quantification let alone a document that unifies the concepts and terminology presented in each of the ASME Verification & Validation (V&V) Standards.

The purpose of this document is to provide an introduction to the ASME Verification & Validation (V&V) Standards; the mechanics and processes by which the Standards are developed; a summary of the definitions and concepts for V&V; the themes, connections, or threads across the Standards; how to use the Standards in applications; and the prerequisites or requirements of the user.

AVIXA (Audiovisual and Integrated Experience Association)

Contact: Michelle Truong, (513) 307-0237, mtruong@avixa.org
11242 Waples Mill Rd Suite 200, Fairfax, VA 22030

Revision

BSR/AVIXA D402.02-201X, Audiovisual Systems Performance Verification (revision and redesignation of ANSI/INFOCOMM 10 -2013)

Stakeholders: Facilities owners, audiovisual consultants, systems designers, integrators, programmers, and support staff, building commission personnel, architects, and construction managers who design, build or manage entertainment venues, the buildings, educational institutions, museums, houses of worship, educational institutions, judicial and municipal chambers, retail and medical facilities, indoor sports venues.

Project Need: Provides a standardized evaluation tool to verify the functionality and performance of an audiovisual system in accordance with the system's project documentation

This Standard provides a framework and supporting processes for determining elements of an audiovisual system that need to be verified; the timing of that verification within the project delivery cycle; a process for determining verification metrics; and reporting procedures. Consultants, integrators, manufacturers, technology support staff, owners, third-party commissioning agents, and architects who have verification processes in place can integrate those existing processes into the framework this Standard provides, adding customized items to those already defined in the Standard.

CSA (CSA Group)

Contact: David Zimmerman, (216) 524-4990, david.zimmerman@csagroup.org
8501 E. Pleasant Valley Road, Cleveland, OH 44131

Revision

BSR/CSA C22.2 No. 339-201x, Hand-held motor-operated electric tools - Safety - Particular requirements for chain beam saws (revision of ANSI/CSA C22.2 No. 339-2018)

Stakeholders: Manufacturers, certification agencies, consumers.

Project Need: This is an update to revise the standard for safety.

This Standard applies to chain beam saws for cutting wood or similar material and designed for use by one person. This Standard does not cover chain beam saws that can be installed with more than one guide bar length. This Standard does not cover chain-beam saw attachments that convert a circular saw or a chain saw into a chain-beam saw. This Standard does not cover (a) chain saws as defined in CAN/CSA-C22.2 No. 60745-2-13/UL 60745-2-13; (b) chain saws for tree service as defined in CSA Z62.1; or (c) pole cutters and pruners as defined in CSA C22.2 No. 147 or UL 82.

IES (Illuminating Engineering Society)

Contact: Patricia McGillicuddy, (917) 913-0027, pmcgillicuddy@ies.org
120 Wall Street, Floor 17, New York, NY 10005

New Standard

BSR/IES LP-2-201x, Designing Quality Lighting for People in Outdoor Environments (new standard)

Stakeholders: Lighting practitioners, electrical engineers, civic planners, civil engineers, architects, community-based planning groups, general public.

Project Need: This document is not intended to supersede existing IES application RPs, rather it will link the various documents together, augmenting them in subject areas not otherwise covered, including but not limited to sidewalks, bikepaths, pedestrian paths, parks, outdoor malls, pedestrian-only business districts, plazas, amphitheaters, large outdoor gathering areas, campuses, pedestrian bridges, and pedestrian underpasses.

Lighting recommendations for non-vehicular pedestrian applications using recommendations beyond illuminance only, which ultimately fails to provide a complete guideline for the visual experience of pedestrian-based tasks. The RP will be a comprehensive approach for light levels, glare, adaptation, spectrum, and contrast while addressing safety, timing, and perceived security. Application of these recommendations will ultimately enhance the pedestrian's visual experience while also respecting the environment.

BSR/IES TM-XX TLA-201x, IES Approved Method: Measuring and Quantifying Temporal Light Artifacts (TLA) (new standard)

Stakeholders: Lighting practitioners, lighting manufacturers, solid state lighting light source manufacturers, building owners and managers, the general public.

Project Need: This document provides description of the method of measurement, equipment requirements, and formulation of calculated quantities for Temporal Light Artifacts (TLA) from light sources intended for use in general service lighting. TLA includes flicker and stroboscopic effects between the frequencies of 1Hz and 3000Hz under various control conditions (e.g., dimming, nominal conditions, etc.). Additionally, reporting formats are described. Flashing/signaling lights are not included within the scope of this document.

Defines and describes the method of measurements, calculated quantities, and reporting structure related to TLA. In addition, the method describes the required measurement tolerances, in order to reduce the effect of measurement sensitivities in calculated quantities.

NEMA (ASC C50) (National Electrical Manufacturers Association)

Contact: Mike Leibowitz, (703) 841-3264, mike.leibowitz@nema.org
1300 N 17th St, Suite 900, Rosslyn, VA 22209

Addenda

BSR NEMA MG 1-201x Amendment 1, Motors and Generators (addenda to ANSI/NEMA MG 1-2016)

Stakeholders: Manufacturers and users of rotating electrical machinery.

Project Need: Recognition of amendments to select part of ANSI/NEMA MG 1-2016 as an American National Standard.

Assists users in the proper selection and application of motors and generators. Practical information concerning performance, safety, test, construction, and manufacture of ac and dc motors and generators.

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)**
- **ITI (InterNational Committee for Information Technology Standards)**
- **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.

AAMI
Association for the Advancement of Medical Instrumentation
4301 N. Fairfax Drive, Suite 301
Suite 301
Arlington, VA 22203-1633
Phone: (703) 253-8261
Web: www.aami.org

AARST
American Association of Radon Scientists and Technologists
475 South Church Street, Suite 600
Hendersonville, NC 28792
Phone: (202) 830-1110
Web: www.aarst.org

AGA (ASC Z380)
American Gas Association
400 North Capitol Street, NW
Washington, DC 20001
Phone: (202) 824-7339
Web: www.aga.org

AIAA
American Institute of Aeronautics and Astronautics
12700 Sunrise Valley Drive, Suite 200
Reston, VA 20191-5807
Phone: (703) 264-7546
Web: www.aiaa.org

ALI
Automotive Lift Institute
PO Box 85
80 Wheeler Avenue
Cortland, NY 13045
Phone: (607) 756-7775
Web: www.autolift.org

AMCi
AMC Institute
1940 Duke Street
Suite 200
Alexandria, VA 22314
Phone: (703) 570-8954
Web: www.amcinstitute.org

ANS
American Nuclear Society
555 North Kensington Avenue
La Grange Park, IL 60526
Phone: (708) 579-8268
Web: www.ans.org

APSP
Association of Pool & Spa Professionals
2111 Eisenhower Ave.
Suite 500
Alexandria, VA 22314
Phone: (703) 838-0083 EXT 150
Web: www.apsp.org

ASA (ASC S3)
Acoustical Society of America
1305 Walt Whitman Road
Suite 300
Melville, NY 11747
Phone: (631) 390-0215
Web: www.acousticalsociety.org

ASME
American Society of Mechanical Engineers
Two Park Avenue
New York, NY 10016-5990
Phone: (212) 591-8521
Web: www.asme.org

AVIXA
Audiovisual and Integrated Experience Association
11242 Waples Mill Rd, Suite 200
Fairfax, VA 22030
Phone: (513) 307-0237
Web: www.avixa.org

CSA
CSA Group
8501 E. Pleasant Valley Road
Cleveland, OH 44131
Phone: (216) 524-4990
Web: www.csagroup.org

HPS (ASC N13)
Health Physics Society
1313 Dolley Madison Blvd #402
McLean, VA 22101
Phone: (703) 790-1745
Web: www.hps.org

ICE
Institute for Credentialing Excellence
2025 M Street NW, Suite 800
Washington, DC 20036
Phone: (202) 367-1165
Web: www.credentialingexcellence.org

IES
Illuminating Engineering Society
120 Wall Street, Floor 17
New York, NY 10005
Phone: (917) 913-0027
Web: www.ies.org

ITSDF
Industrial Truck Standards Development Foundation, Inc.
1750 K Street NW
Suite 460
Washington, DC 20006
Phone: (202) 296-9880
Web: www.indtrk.org

NEMA (ASC C50)
National Electrical Manufacturers Association
1300 N 17th St, Suite 900
Rosslyn, VA 22209
Phone: (703) 841-3264
Web: www.nema.org

NSF
NSF International
789 N. Dixboro Road
Ann Arbor, MI 48105-9723
Phone: (734) 418-6660
Web: www.nsf.org

UL
Underwriters Laboratories, Inc.
171 Nepean Street
Suite 400
Ottawa, ON K2P 0B4 Canada
Phone: (613) 368-4437
Web: www.ul.com

IEC Draft International Standards

This section lists proposed standards that the International Electrotechnical Commission (IEC) is considering for approval. The proposals have received substantial support within the technical committees or subcommittees that developed them and are now being circulated to 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 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

IEC Drafts can be made available by contacting ANSI's Customer Service department. Please e-mail your request for an 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.

JTC1-SC41/80/DTR, ISO/IEC TR 30164 ED1: Internet of things (IoT) - Edge Computing, 2019/2/22

JTC1-SC25/2845/CDV, ISO/IEC 14776-481 ED1: Information technology - Small computer system interface (SCSI) - Part 481: Part 481:Security - Features for SCSI Commands (SFSC), 2019/3/22

21A/683/CDV, IEC 63115-1 ED1: Secondary cells and batteries containing alkaline or other non-acid electrolytes - Sealed nickel-metal hydride rechargeable cells and modules for use in industrial applications - Part 1: Performance, 2019/3/22

22G/384/CD, IEC 61800-2 ED3: Adjustable speed electrical power drive systems - Part 2: General requirements - Rating specifications for adjustable speed a.c. power drive systems, 2019/3/22

34A/2125/CDV, IEC 62868-1 ED1: Organic light emitting diode (OLED) Light sources for general lighting - Safety - Part 1: General requirements and tests, 2019/3/22

46F/439/NP, PNW 46F-439: Waveguide to coaxial adapters - Part 1: Generic specification - General requirements and test methods, 2019/3/22

48D/692/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, 2019/3/22

62D/1641/CDV, IEC 60601-2-19 ED3: Medical electrical equipment - Part 2-19: Particular requirements for the basic safety and essential performance of infant incubators, 2019/3/22

62D/1642/CDV, IEC 60601-2-20 ED3: Medical electrical equipment - Part 2-20: Particular requirements for the basic safety and essential performance of infant transport incubators, 2019/3/22

62D/1643/CDV, IEC 60601-2-21 ED3: Medical electrical equipment - Part 2-21: Particular requirements for the basic safety and essential performance of infant radiant warmers, 2019/3/22

62D/1644/CDV, IEC 60601-2-50 ED3: Medical electrical equipment - Part 2-50: Particular requirements for the basic safety and essential performance of infant phototherapy equipment, 2019/3/22

62D/1645/CDV, IEC 80601-2-35 ED3: Medical electrical equipment - Part 2-35: Particular requirements for the basic safety and essential performance of heating devices using blankets, pads and mattresses and intended for heating in medical use, 2019/3/22

77A/1016/CDV, IEC 61000-4-11 ED3: Electromagnetic compatibility (EMC) - Part 4-11: Testing and measurement techniques - Voltage dips, short interruptions and voltage variations immunity tests for equipment with input current up to 16 A per phase, 2019/3/22

86C/1543/CDV, IEC 62343-3-3 ED2: Dynamic modules - Part 3-3: Performance specification templates - Wavelength selective switches, 2019/3/22

112/442/DTR, IEC TR 61244-4 ED1: Determination of long-term radiation ageing in polymers - Part 4: Effects of different temperatures and dose rates under radiation condition, 2019/2/22

61/5732/CDV, IEC 60335-1/FRAG2 ED6: Household and similar electrical appliances - Safety - Part 1: General requirements, 2019/3/22

61/5733/CDV, IEC 60335-1/FRAG4 ED6: Household and similar electrical appliances - Safety - Part 1: General requirements, 2019/3/22

61/5734/CDV, IEC 60335-1/FRAG5 ED6: Household and similar electrical appliances - Safety - Part 1: General requirements, 2019/3/22

61/5735/CDV, IEC 60335-1/FRAG3 ED6: Household and similar electrical appliances - Safety - Part 1: General requirements, 2019/3/22

82/1511/CDV, IEC 62109-3 ED1: Safety of power converters for use in photovoltaic power systems - Part 3: Particular requirements for electronic devices in combination with photovoltaic elements, 2019/3/22

91/1554/CD, IEC 61188-6-1 ED1: Circuit boards and circuit board assemblies - Design and use - Part 6-1: Land pattern design - Generic requirements for land pattern on circuit boards, 2019/3/22

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 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

Application for Accreditation

Rocheston, LLC

Comment Deadline: February 4, 2019

Rocheston, LLC, a new ANSI member, has submitted an application for accreditation as an ANSI Accredited Standards Developer (ASD) and proposed operating procedures for documenting consensus on Rocheston-sponsored American National Standards. Rocheston's proposed scope of standards activity is as follows:

> Rocheston's Nebula Metric is a Benchmark and Standard for Organizations, Companies, Educational Institutions and Service Providers as a rating indicator that measures Customer Happiness, Customer Satisfaction and Customer Delight a Company or Institution strives to attain, maintain and grow with.
>
> The Rocheston Nebula Metric offers a uniform, international, cross-industry adjudged measure of Customer Happiness Score on products and services that are offered in the market. Nebula Metric is a trend measure and a comparative benchmark for companies, industries, and sectors, both Business to Business (B2B) and Business to Consumer (B2C). Nebula Metric has a high capability to predict customer happiness and thereby having a long-term impact on a corporation's business growth and profitability.

To obtain a copy of Rocheston's application and proposed operating procedures or to offer comments, please contact: Mr. Vasanth Davis, Vice-President, Accreditation, Rocheston, LLC, 555 Madison Avenue, New York, NY 10022; phone: 917.472.0658; e-mail: vasanth@rocheston.com. Please submit any comments to Rocheston by February 4, 2019, with a copy to the ExSC Recording Secretary in ANSI's New York Office (e-mail: Jthompso@ANSI.org). As the proposed procedures are available electronically, the public review period is 30 days. You may view or download a copy of Rocheston's proposed operating procedures from ANSI Online during the public review period at the following URL: www.ansi.org/accredPR.

Approval of Reaccreditation

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

The reaccreditation of the Rehabilitation Engineering and Assistive Technology Society of North America (RESNA), 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 RESNA-sponsored American National Standards, effective December 27, 2018. For additional information, please contact: Ms. Yvonne Meding, Secretary, Assistive Technology Standards Board, RESNA, 1560 Wilson Boulevard, Suite 850, Arlington, VA 22209-1903; phone: 703.524.6686; e-mail: YMeding@resna.org.

ANSI Accreditation Program for Greenhouse Gas Validation/Verification Bodies

Suspension

The Standards Institution of Israel

Comment Deadline: February 4, 2019

In accordance with the following standard: ISO 14065:2013, Greenhouse gases - Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition

The Standards Institution of Israel
Avital Weinberg
42 Chaim Levanon St.
Tel-Aviv 69977, Israel
Phone: 972-3-6465055
E-mail: avital_w@sii.org.il

On December 21, 2018, ANSI's Greenhouse Gas Validation/Verification Body Accreditation Committee voted to suspend The Standards Institution of Israel's accreditation for the following:

Activity and Scopes:

Verification of assertions related to GHG emissions and removals at the organizational level

01. General

02. Manufacturing

Verification of assertions related to GHG emission reductions and removals at the project level

01. GHG emission reductions from fuel combustion

Please send your comments by February 4, 2019 to Ann Howard, Director, Environmental Accreditation Programs, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: ahoward@ansi.org.

International Organization for Standardization (ISO)

Call for Participation

U.S. TAG to ISO TC 301, Energy Management and Energy Savings

Comment Deadline: March 4, 2019

The U.S. TAG to ISO TC 301, Energy management and energy savings, is seeking input on the draft international standard (DIS) of ISO 50004, Guidance for the implementation and maintenance of ISO 50001. Input or comments are due by March 4, 2019 and must be submitted on an ISO comment form, available from either Deann Desai at deann.desai@gatech.edu or Melody McElwee at melody.mcelwee@innovate.gatech.edu.

Information Concerning

International Organization for Standardization (ISO)

Call for U.S. TAG Administrators
TC 114 – *Horology*

There is currently no ANSI-accredited U.S. TAG Administrator for TC 114, TC 114/SC 3, TC 114/SC 12, TC 114/SC 13, TC 114/SC 14, and therefore ANSI is not a member of these committees. The Secretariats for these committees are currently held by Switzerland (SNV) for TC 114, TC 114,SC 3, TC 114/SC 13; by Japan (JISC) for TC 114/SC 12; and by China (SAC) for TC 114/SC 14.

TC 114 operates under the following scope:

Standardization in the field of instruments of small and large size intended for measuring time and time keeping :

- *terminology;*
- *technical definitions;*
- *standardization of overall dimensions;*
- *any other questions which may be proposed in the future*

TC 114/SC 3 operates under the following scope:

Water-resistant watches

TC 114/SC 12 operates under the following scope:

Antimagnetism

TC 114/SC 13 operates under the following scope:

Watch-glasses

TC 114/SC 14 operates under the following scope:

Table and wall clocks

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

BSR/ICE 1100-201x, ICE 1100-201x - Standard for Assessment-Based Certificate Programs
(revision and redesignation of ANSI/NOCA 1100-2009)

Second Public Review (December 2018) Proposed Independent Substantive Changes to Previous Public Review Draft

Note to Reviewers: This public review draft makes proposed independent substantive changes to the previous public review draft. These changes are indicated in the text by underlining (for additions) and strikethrough (for deletions). Only these changes to the previous draft are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed substantive changes.

Revise Section 2.6 as follows:

2.6 The certificate provider shall contract with or employ a sufficient number of individuals necessary for the operational management of the program. The required qualifications, credentials, skills, and competencies for such individuals and their responsibilities relating to the program shall be ~~specific~~ specified and documented by the certificate provider.

Revise Section 3.0 as follows:

3 Policies and Procedures

The certificate provider is responsible for defining, documenting, and maintaining policies and procedures that ~~confirm~~ conform to this Standard and that are made accessible to program participants and other stakeholders, as required for the specific program.

Revise Section 3.2 as follows:

3.2 The certificate provider shall make publicly available:

a) the purpose and scope of the program;

b) the target audience for the program;

c) eligibility requirements and prerequisites;

d) a description of the education/training provided and the intended learning outcomes;

e) a brief description of the assessment(s), including an overview of ~~how they are developed and validated~~ the process for developing and gathering validity evidence for the assessment(s)

Revise Section 3.4 as follows:

3.4 The certificate provider's policies and procedures ~~of the certificate provider, including their implementation,~~ shall be fair and equitable to eligible applicants and participants, in both substance and implementation. The certificate provider must comply ~~in compliance~~ with all applicable legal requirements, including in providing access. ~~The certificate provider shall not deny access~~ to applicants and participants who meet the eligibility criteria.

Revise Section 5.7 as follows:

5.7 The certificate provider shall ensure that the education/training follows instructional design principles and is developed by qualified individuals, which ~~may~~ should include SMEs.~~, and follows instructional design principles.~~

Revise Section 6.13 as follows:

6.13 The certificate provider shall prepare an annual report~~s~~ of assessment(s) results in aggregate form, summarizing the overall results of the performance of an entire class or period of time (e.g., one year) to support program evaluation and address other stakeholder interests.

Remove the following Glossary definition:

~~**certificate maintenance**~~
~~A system of requirements and procedures with which certificate holders must comply in order to keep a certificate.~~

Revise the following Glossary definition:

certification
A voluntary process by which ~~a non-governmental body grants time-limited recognition and use of a credential to individuals who have demonstrated that they have met predetermined and standardized criteria for required knowledge, skills, or competencies. To retain the credential, certificants must meet requirements for renewal. The credential awarded by the certifier denotes that the participant possesses particular knowledge, skills, or competencies. Also known as professional or personnel certification~~. individuals are evaluated against predetermined standards for knowledge, skills, or competencies. Participants who demonstrate that they meet the standards by successfully completing the assessment process are granted a time-limited credential. To retain the credential, certificants must maintain continued competence.

Whereas the focus of an assessment-based certificate program is on education/training, the focus of professional/personnel certification is on the assessment of participants. Additionally, the certification process requires the assessment to be independent of both a specific class, course, or other education/training program and any provider of classes, courses, or programs.

Tracking #49i120r2

Revision to NSF/ANSI 49 – 2018
Issue 120, Revision 2 (January 2019)

[Note – the recommended changes to the standard which include the current text of the relevant section(s) indicate deletions by use of ~~strikeout~~ and additions by grey highlighting. Rationale Statements are in *italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI International Standard for Biosafety Cabinetry —

Biosafety Cabinetry: Design, Construction, Performance, and Field Certification

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3 Definitions

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3.x plenum: an air-filled space within or on the biosafety cabinet meant for the distribution of air. It can be positively or negatively pressurized with contaminated or uncontaminated air.

Rationale: the word "plenum" is used approximately 70 times in Standard 49 and is not yet defined.

[Note – the recommended changes to the standard which include the current text of the relevant section(s) indicate deletions by use of ~~strikeout~~ and additions by grey highlighting. Rationale Statements are in *italics* and only used to add clarity; these statements will NOT be in the finished publication.]

NSF/ANSI Standard
For Wastewater Technology –

Onsite residential and commercial water reuse treatment systems

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8 Performance testing and evaluation

The analytical methods listed in Table A.1 shall be used for testing. Alternate methods may also be used, provided equivalency is demonstrated by technical review and the review is documented. An equivalent method involves the same measurement technique. Equivalent methods are known to be capable of generating reliable results to equivalent quality requirements. All sample collection methods shall be in accordance with *Standard Methods* unless otherwise specified.

8.1 Greywater treatment systems with capacities up to 5,678 L/day (1,500 gal/day)

This section describes the methods used to evaluate the performance of onsite residential and commercial greywater treatment systems that treat greywater, those that treat laundry water from residential laundry facilities, and those that treat bathing water. Systems shall be classified as Class R (single-family residential), or Class C (multi-family or commercial), in accordance with 8.6. The performance classification shall be based upon the evaluation of effluent samples collected over a minimum 6 m (26 wk [182 d]) testing period. Manufacturers that recommend a service frequency longer than 6 m (26 wk [182 d]) shall be tested for the full period of the recommended service frequency.

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8.1.2.2 Hydraulic loading and schedules

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8.1.2.2.2.5 Cleaning chemical stress: greywater commercial treatment systems

During final 4.5 wk (31 d) of design loading, the system shall be subjected to an additional load of cleaning compounds during the dosing period of 9:00 p.m. to 10:00 p.m. Dosing shall consist of the base water as described in 8.1.2.1 in addition to the cleaning compound at the following concentration:

Cleaning compound	Amount
trisodium phosphate (TSP) or Alkylbenzosulfate (ABS)[1]	750 mL/100 L 220 mL/100 L
test dust[2]	10 g/100 L

[1] See Annex C for example products.
[2] See ISO 12103-1, Road Vehicles – Test Dust for Filter Evaluation. The test dust shall meet the specification of ISO 12103-1, A2 - Fine test dust. A test dust that meets these specifications is available from Powder Technology, Inc., PO Box 1464, Burnsville, MN 55337 <www.powdertechnologyinc.com/products/test-dust/testdust.php>.

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Annex C[1]
(informative)

The following products are examples of those that are considered suitable for preparing the greywater test water in accordance with 8.3.2.1.1, 8.3.2.1.2, and 8.3.2.1.3.

Wastewater components	Product	UPC
body wash with moisturizer	Johnson's BodyCare Moisturizing Body Wash	8137-002677
toothpaste	Colgate® Fluoride Toothpaste - regular	35000-51300
deodorant (man's)	Gillette® Odor shield antiperspirant/deodorant	35000-51300
deodorant (woman's)	Secret® Powder Fresh antiperspirant/deodorant	37000-12451
shampoo	Suave® Daily Clarifying Shampoo	79400-00957
conditioner	Suave® Daily Clarifying Conditioner	79400-76760
bath cleaner	Lysol® Disinfectant Bathroom Cleaner	19200-02699
liquid hand soap	Dial® Gold Antibacterial Hand Soap w/moisturizer	17000-08507
secondary effluent	effluent from the final clarifier of a wastewater treatment plant	NA[1]
sodium sulfate (Na_2SO_4)	analytical grade	NA
sodium bicarbonate ($NaHCO_3$)	analytical grade	NA
sodium phosphate (Na_3PO_4)	analytical grade	NA
liquid laundry detergent	2X Ultra Tide®	37000-13878
liquid laundry fabric softener	Ultra Downy® Fabric Softener	37000-35751
test dust	See ISO 12103-1, Road Vehicles – Test Dust for Filter Evaluation. The test dust shall meet the specification of	NA

[1] The information contained in this Annex is not part of this American National Standard (ANS) and has not been processed in accordance with ANSI's requirements for an ANS. As such, this Annex may contain material that has not been subjected to public review or a consensus process. In addition, it does not contain requirements necessary for conformance to the Standard.

	ISO 12103-1, A2 - Fine test dust. A test dust that meets these specifications is available from Powder Technology, Inc., P.O. Box 1464, Burnsville, MN 55337 < www.powdertechnologyinc.com/products/test-dust/testdust.php>	
commercial cleaner	trisodium phosphate (TSP) or Alkylbenzosulfate (ABS), Unscented Tide	NA

[1] NA: not applicable.

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Annex D[2]
(informative)

Basis for greywater test water

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D.7 Cleaning compound loading rate: ~~Trisodium phosphate (TSP)~~

- Trisodium phosphate (TSP): 57 ml (1/4 C) per 7 L (2 gal), or 750 ~~g~~mL/100 L; or
- Alkylbenzosulfate (ABS): 220 mL/100 L

[2] The information contained in this Annex is not part of this American National Standard (ANS) and has not been processed in accordance with ANSI's requirements for an ANS. As such, this Annex may contain material that has not been subjected to public review or a consensus process. In addition, it does not contain requirements necessary for conformance to the Standard.

BSR/UL 817, Standard for Safety for Cord Sets and Power Supply Cords

PROPOSAL

Subject 817

SUMMARY OF TOPICS

The following changes in requirements to the Standard for Cord Sets and Power Supply Cords, UL 817, are being proposed for preliminary review and comment only:

1. For Preliminary Review Only: Clarity on the Measuring Length of Cord

COMMENTS DUE: NOVEMBER 21, 2018

This proposal is for review and comment only (no ballot at this time). Please note that comments on a preliminary review document will not receive a response from the proposal author through CSDS. Instead, the proposal author will be asked to review the comments and adjust the proposals and/or supporting rationale as the author determines to be appropriate. The preliminary review process is an informal mechanism that provides authors with the opportunity to refine their proposals before they advance to the next stage in UL's standards development process.

In some cases, the author of the proposals may choose to discontinue them. In this case, the author need not do anything after preliminary review has ended. Normally, the next step in the process is the more formal STP ballot and stakeholder review process.

Only comments posted during the STP ballot and stakeholder review process will be provided with a response in CSDS.

For your convenience in review, proposed additions to existing requirements are shown underlined and proposed deletions are shown ~~lined-out~~.

1. For Preliminary Review Only: Clarity on the Measuring Length of Cord

RATIONALE

Proposal submitted by: Patrick Luem, Schneider Electric

The previous version of the standard contained some detail regarding the measuring technique for a non-detachable power cord (paragraph 6.5 of the eleventh edition). This detail has been left out of the twelfth edition. This proposal adds the detail for non-detachable power cords measurement points. There is no detail in NFPA or UL product standard for this scenario and 15 ft. is referenced throughout. New paragraph 10.17.1 is being added and Figure 9.1 is being renumbered and revised as Figure 10.1. Note that new items that are proposed to be added to Figure 10.1 is included under "additional documentation" found in the CSDS Work Area. Also paragraph SA.2.2 is being revised to correct a reference.

PROPOSAL

9.5.1 A single or multiple series-connected current tap may be provided on a general-use cord set if the series-connected flexible cord terminates in a pendant switch or a dimmer device and the flexible cord is not less than 1.8 m (6 ft) long when measured as described in Figure ~~9.1~~ 10.1.

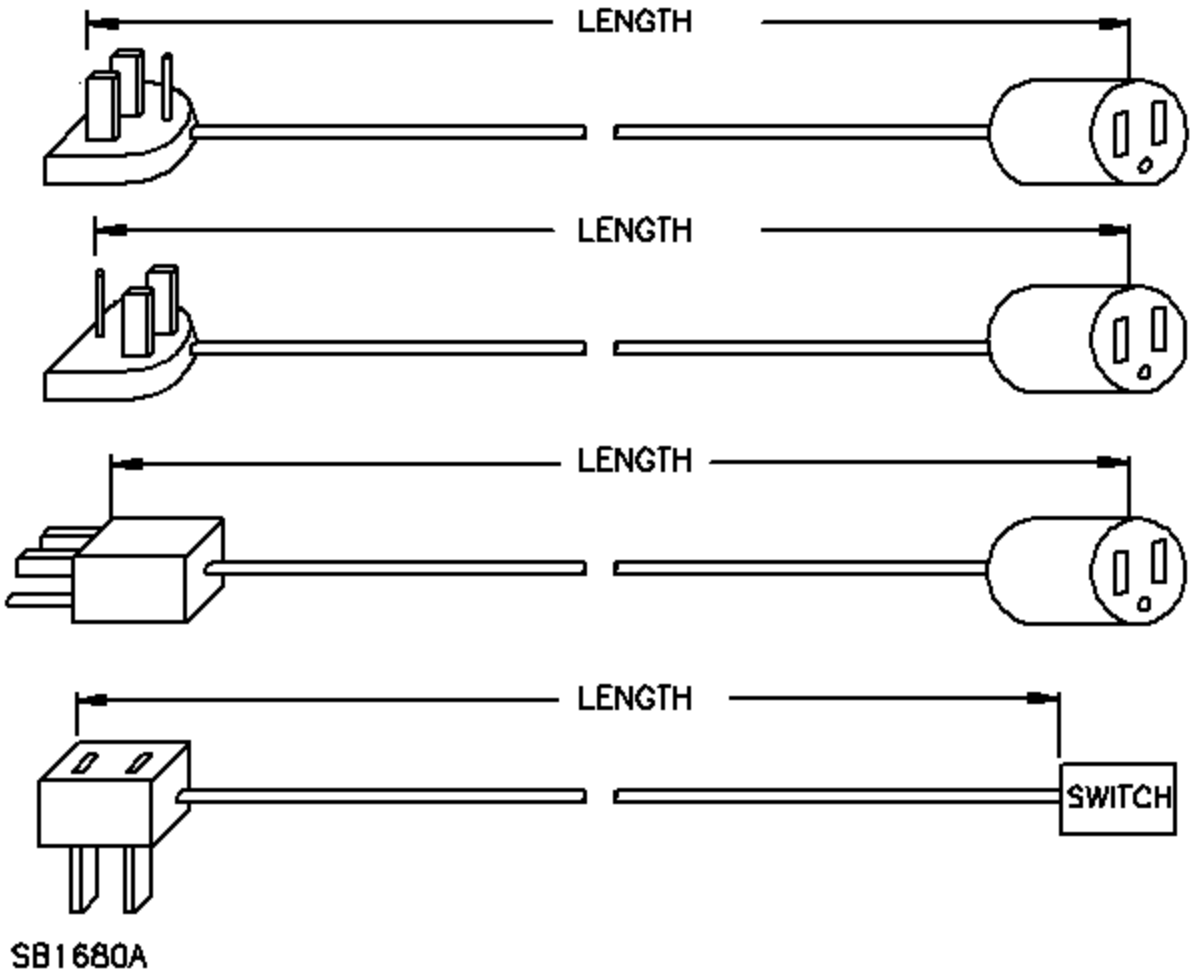
10.17 Measurement of lengths

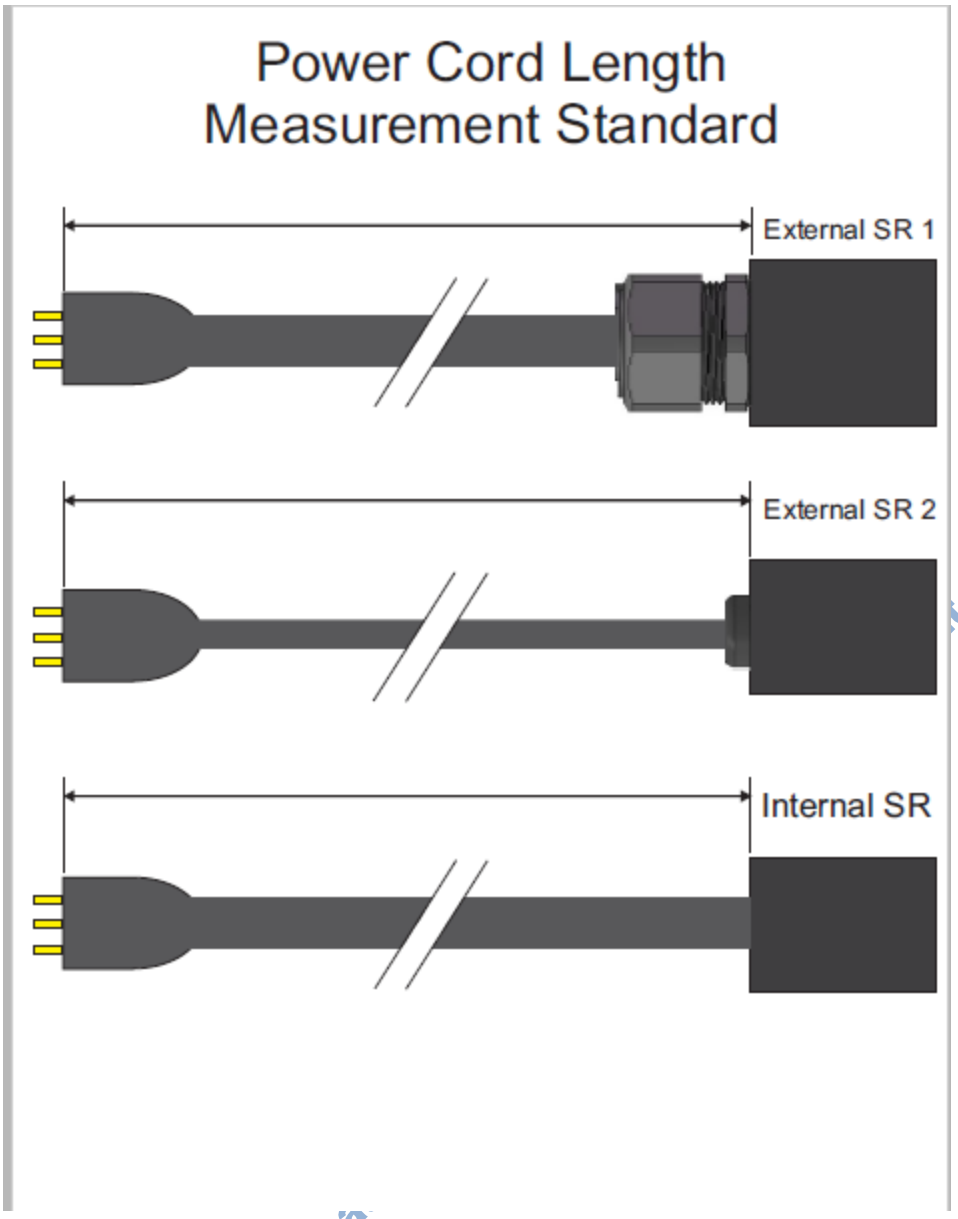
10.17.1 The length of a power-supply cord is to be measured from the end of the line fitting to the point at which the outer covering or outer jacket of the cord is removed.

Figure ~~9.1~~ 10.1

Cord set and power-supply cord length measurement

(Note - Figure 9.1 revised and relocated as Figure 10.1. Changes are shown below this figure.)





SA2.2 A seasonal-use cord set shall not exceed 15 ft (4.6 m) in length when measured ~~in accordance with 6.2 of this standard~~ as described in Figure 10.1.

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ISSUE	SUBMIT START	*SUBMIT END 5 PM	SA PUBLISHED	30-DAY PR END	45-DAY PR END	60-DAY PR END
1	12/18/2018	12/24/2018	Jan-4	2/3/2019	2/18/2019	3/5/2019
2	12/25/2018	12/31/2018	Jan-11	2/10/2019	2/25/2019	3/12/2019
3	1/1/2019	1/7/2019	Jan-18	2/17/2019	3/4/2019	3/19/2019
4	1/8/2019	1/14/2019	Jan-25	2/24/2019	3/11/2019	3/26/2019
5	1/15/2019	1/21/2019	Feb-1	3/3/2019	3/18/2019	4/2/2019
6	1/22/2019	1/28/2019	Feb-8	3/10/2019	3/25/2019	4/9/2019
7	1/29/2019	2/4/2019	Feb-15	3/17/2019	4/1/2019	4/16/2019
8	2/5/2019	2/11/2019	Feb-22	3/24/2019	4/8/2019	4/23/2019
9	2/12/2019	2/18/2019	Mar-1	3/31/2019	4/15/2019	4/30/2019
10	2/19/2019	2/25/2019	Mar-8	4/7/2019	4/22/2019	5/7/2019
11	2/26/2019	3/4/2019	Mar-15	4/14/2019	4/29/2019	5/14/2019
12	3/5/2019	3/11/2019	Mar-22	4/21/2019	5/6/2019	5/21/2019
13	3/12/2019	3/18/2019	Mar-29	4/28/2019	5/13/2019	5/28/2019
14	3/19/2019	3/25/2019	Apr-5	5/5/2019	5/20/2019	6/4/2019
15	3/26/2019	4/1/2019	Apr-12	5/12/2019	5/27/2019	6/11/2019
16	4/2/2019	4/8/2019	Apr-19	5/19/2019	6/3/2019	6/18/2019
17	4/9/2019	4/15/2019	Apr-26	5/26/2019	6/10/2019	6/25/2019
18	4/16/2019	4/22/2019	May-3	6/2/2019	6/17/2019	7/2/2019
19	4/23/2019	4/29/2019	May-10	6/9/2019	6/24/2019	7/9/2019
20	4/30/2019	5/6/2019	May-17	6/16/2019	7/1/2019	7/16/2019
21	5/7/2019	5/13/2019	May-24	6/23/2019	7/8/2019	7/23/2019
22	5/14/2019	5/20/2019	May-31	6/30/2019	7/15/2019	7/30/2019
23	5/21/2019	5/27/2019	Jun-7	7/7/2019	7/22/2019	8/6/2019
24	5/28/2019	6/3/2019	Jun-14	7/14/2019	7/29/2019	8/13/2019
25	6/4/2019	6/10/2019	Jun-21	7/21/2019	8/5/2019	8/20/2019
26	6/11/2019	6/17/2019	Jun-28	7/28/2019	8/12/2019	8/27/2019
27	6/18/2019	6/24/2019	Jul-5	8/4/2019	8/19/2019	9/3/2019
28	6/25/2019	7/1/2019	Jul-12	8/11/2019	8/26/2019	9/10/2019
29	7/2/2019	7/8/2019	Jul-19	8/18/2019	9/2/2019	9/17/2019

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31	7/16/2019	7/22/2019	Aug-2	9/1/2019	9/16/2019	10/1/2019
32	7/23/2019	7/29/2019	Aug-9	9/8/2019	9/23/2019	10/8/2019
33	7/30/2019	8/5/2019	Aug-16	9/15/2019	9/30/2019	10/15/2019
34	8/6/2019	8/12/2019	Aug-23	9/22/2019	10/7/2019	10/22/2019
35	8/13/2019	8/19/2019	Aug-30	9/29/2019	10/14/2019	10/29/2019
36	8/20/2019	8/26/2019	Sep-6	10/6/2019	10/21/2019	11/5/2019
37	8/27/2019	9/2/2019	Sep-13	10/13/2019	10/28/2019	11/12/2019
38	9/3/2019	9/9/2019	Sep-20	10/20/2019	11/4/2019	11/19/2019
39	9/10/2019	9/16/2019	Sep-27	10/27/2019	11/11/2019	11/26/2019
40	9/17/2019	9/23/2019	Oct-4	11/3/2019	11/18/2019	12/3/2019
41	9/24/2019	9/30/2019	Oct-11	11/10/2019	11/25/2019	12/10/2019
42	10/1/2019	10/7/2019	Oct-18	11/17/2019	12/2/2019	12/17/2019
43	10/8/2019	10/14/2019	Oct-25	11/24/2019	12/9/2019	12/24/2019
44	10/15/2019	10/21/2019	Nov-1	12/1/2019	12/16/2019	12/31/2019
45	10/22/2019	10/28/2019	Nov-8	12/8/2019	12/23/2019	1/7/2020
46	10/29/2019	11/4/2019	Nov-15	12/15/2019	12/30/2019	1/14/2020
47	11/5/2019	11/11/2019	Nov-22	12/22/2019	1/6/2020	1/21/2020
48	11/12/2019	11/18/2019	Nov-29	12/29/2019	1/13/2020	1/28/2020
49	11/19/2019	11/25/2019	Dec-6	1/5/2020	1/20/2020	2/4/2020
50	11/26/2019	12/2/2019	Dec-13	1/12/2020	1/27/2020	2/11/2020
51	12/3/2019	12/9/2019	Dec-20	1/19/2020	2/3/2020	2/18/2020
52	12/10/2019	12/16/2019	Dec-27	1/26/2020	2/10/2020	2/25/2020