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: August 14, 2016

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

Addenda

BSR/ASHRAE Addendum a to ANSI/ASHRAE Standard 161-2013, Air Quality within Commercial Aircraft (addenda to ANSI/ASHRAE Standard 161 -2013)

This proposed addendum requires documentation of abnormal cabin air quality conditions and provides a recommended template for collecting relevant data.

Click here to view these changes in full

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

ASME (American Society of Mechanical Engineers)

Revision

BSR/ASME B16.3-201x, Malleable Iron Threaded Fittings - Classes 150 and 300 (revision of ANSI/ASME B16.3-2011)

This Standard covers malleable iron threaded fittings, Classes 150 and 300. It also contains provisions for using steel for caps and couplings in Class 150 for NPS 3?8 and smaller. This Standard includes

(a) pressure-temperature ratings

(b) size and method of designating openings of reducing fittings

(c) marking

(d) material

(e) dimensions and tolerances

(f) threading

(g) coatings

Mandatory Appendix I provides table values in U.S. Customary units.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Erika Lawson, (212) 591 -8094, lawsone@asme.org

NSF (NSF International)

Revision

BSR/NSF 42-201x (i88r1), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2015)

It is the purpose of this Standard to establish minimum requirements for materials, design and construction, and performance of drinking water treatment systems that are designed to reduce specific aesthetic-related (non-health effects) contaminants in public or private water supplies. This Standard also specifies the minimum product literature and labeling information that a manufacturer shall supply to authorized representatives and system owners as well as the minimum service-related obligations that the manufacturer shall extend to system owners.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Monica Leslie, (734) 827 -5643, mleslie@nsf.org

NSF (NSF International)

Revision

BSR/NSF 49-201x (i79r2), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2014)

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 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: Allan Rose, (734) 827 -3817, arose@nsf.org

NSF (NSF International)

Revision

BSR/NSF 53-201x (i105r1), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2015)

It is the purpose of this Standard to establish minimum requirements for materials, design and construction, and performance of point-of-use and point-of-entry drinking water treatment systems that are designed to reduce specific health-related contaminants in public or private water supplies. Such systems include point-of-entry drinking water treatment systems used to treat all or part of the water at the inlet to a residential facility or a bottled water production facility, and includes the material and components used in these systems.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Monica Leslie, (734) 827 -5643, mleslie@nsf.org

SPRI (Single Ply Roofing Institute)

Revision

BSR/SPRI RP-14-201x, Wind Design Standard for Vegetative Roof Systems (revision of ANSI/SPRI RP-14-2010)

The Wind Design Standard for Vegetative Roofing Systems provides design guidelines associated with wind uplift and stone scour, defining items such as set backs from the edges of roofs in areas with high winds, use of wind erosion mats, as well as edging details. There is a discussion of the various types of materials and their behavior under varying wind conditions

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Linda King, info@spri.org

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 136-201x, Standard for Safety for Pressure Cookers (revision of ANSI/UL 136-2010 (R2015))

(1) Expand the scope of UL 136 to include pressure cooker operating greater than 15 psig but less than 50 psig.

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Amy Walker, (847) 664 -2023, Amy.K.Walker@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 583-201X, Standard for Safety for Electric-Battery-Powered Industrial Trucks (Proposal dated 7-15-16) (revision of ANSI/UL 583-2016)

This proposal includes: (1) Removal of marking requirements for supplying an electrical schematic with the truck; (2) LVLE qualification of a regulating network; (3) Revision to grounding of a truck; (4) Revision to allow generators under motors and electromechanical brakes; (5) Revision to dielectric voltage withstand to allow multiple energy sources on trucks; and (6) Revision to define the power source for Type EE trucks.

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 1004-5-201X, Standard for Safety for Fire Pump Motors (Proposal dated 7-15-16) (revision of ANSI/UL 1004-5-2011)

This recirculation proposal provides revisions to the UL 1004-5 proposal dated 1-22-16.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 2594-201X, Standard for Safety for Electric Vehicle Supply Equipment (revision of ANSI/UL 2594-2013)

(3) Revision to the mold stress-relief distortion test; (5) EVSE with smart grid capability; (6) Addition of 50-Hz ratings in the scope; (8) Revisions to clarify that the definitions apply to all vehicle technologies; (9) Editorial changes to the definitions; (13) Changes to product designations; (21) Revision to requirements for the fastening; and (24) Automatic de-energization of cable.

Click here to view these changes in full

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

Comment Deadline: August 29, 2016

AARST (American Association of Radon Scientists and Technologists)

New Standard

BSR/AARST SGM-SF-201x, Soil Gas Mitigation Standards for Existing Homes (new standard)

This standard specifies practices, minimum requirements, and general guidance for reducing soil gas entry into existing homes in order to mitigate occupant exposures to certain hazardous soil gases including radon gas, chemical vapors and other hazardous gases. This standard of practice is applicable to residential structures to include: those not more than three stories above-grade in height; those often classified as single-family structures; and those that contain not more than four attached dwelling units on a contiguous foundation. This standard of practice is applicable to existing homes be they rented or owned, including timeshare properties.

Single copy price: $TBD

Obtain an electronic copy from: www.radonstandards.us

Order from: Gary Hodgden, (202) 830-1110, standards@aarst.org

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

ADA (American Dental Association)

New Standard

BSR/ADA Standard No. 2000-201x, Systemized Nomenclature of Dentistry (SNODENT) (new standard)

SNODENT is a clinical terminology designed for use with electronic health records that enables the capture, aggregation and analysis of detailed oral health data. It includes oral anatomical sites, oral health conditions, findings, and other clinical concepts unique to dentistry. It provides a standardized way to represent clinical oral health descriptions captured by dentists and enables automated interpretation of their observations.

Single copy price: Free

Obtain an electronic copy from: wardm@ada.org

Order from: Marilyn Ward, (312) 440-2506, wardm@ada.org

Send comments (with copy to psa@ansi.org) to: Paul Bralower, (312) 587 -4129, bralowerp@ada.org

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

Revision

BSR/AHRI Standard 270 with Addendum 1-201x, Sound Performance Rating of Outdoor Unitary Equipment (revision of ANSI/AHRI Standard 270 -2009)

This standard applies to the outdoor sections of factory-made air-conditioning and heat-pump equipment as defined in ANSI/AHRI Standard 210/240, ANSI/AHRI Standard 340/360 (cooling capacity ratings of equal to or less than 40.0 kW), ANSI/AHRI Standard 1230, ANSI/AHRI Standard 1160 (I-P), and ANSI/AHRI Standard 1161 (SI). Products covered include: air-source unitary heat pumps, heat pump pool heaters, unitary air-conditioners, and variable refrigerant flow (VRF) systems.

Single copy price: Free

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

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

ANS (American Nuclear Society)

Reaffirmation

BSR/ANS 10.4-2008 (R201x), Verification and Validation of Non-Safety-Related Scientific and Engineering Computer Programs for the Nuclear Industry (reaffirmation of ANSI/ANS 10.4-2008)

This standard provides guidelines for the verification and validation (V&V) of non-safety-related scientific and engineering computer programs developed for use by the nuclear industry. The scope is restricted to research and other non-safety-related, non-critical applications.

Single copy price: $130.00

Obtain an electronic copy from: scook@ans.org

Order from: scook@ans.org

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

ANS (American Nuclear Society)

Reaffirmation

BSR/ANS 19.10-2009 (R201x), Methods for Determining Neutron Fluence in BWR and PWR Pressure Vessel and Reactor Internals (reaffirmation of ANSI/ANS 19.10-2009)

This standard provides criteria for performing and validating the sequence of calculations required for the prediction of the fast neutron fluence t in the reactor vessel. Applicable to PWR and BWR plants, the standard addresses flux attenuation from the core through the vessel to the cavity and provides criteria for generating cross-sections, spectra, transport and comparisons with in- and ex-vessel measurements, validation, uncertainties, and flux extrapolation to the inside vessel surface.

Single copy price: $54.00

Obtain an electronic copy from: scook@ans.org

Order from: scook@ans.org

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

ASA (ASC S12) (Acoustical Society of America)

Reaffirmation

BSR/ASA S12.15-1992 (R201x), Acoustics - Portable Electric Power Tools, Stationary and Fixed Electric Power Tools, and Gardening Appliances - Measurement of Sound Emitted (reaffirmation of ANSI/ASA S12.15-1992 (R2007))

Describes relatively simple test procedures for the measurement of airborne sound from portable electric power tools, stationary and fixed electric power tools, and gardening appliances. Methods are given for the measurement of sound pressure levels and for the calculation of sound power levels. These methods may be used by manufacturers to specify in part the sound produced by their products.

Single copy price: $100.00

Obtain an electronic copy from: asastds@acousticalsociety.org

Order from: Neil Stremmel, (631) 390-0215, nstremmel@acousticalsociety.org

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

ASC X9 (Accredited Standards Committee X9, Incorporated)

New Standard

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

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

Single copy price: $100.00

Obtain an electronic copy from: Ambria.Frazier@x9.org

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

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

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

BSR/ATIS 0600015.03-201x, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting for Router and Ethernet Switch Products (revision of ANSI ATIS 0600015.03-2013)

This document specifies the definition of router and Ethernet switch products based on their position in a network, as well as a methodology to calculate the Telecommunication Energy Efficiency Ratio (TEER). The standard will also provide requirements for how equipment vendors shall respond to a TEER request based on a specific application description by making use of relevant data from internal and independent test reports.

Single copy price: $60.00

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

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

AWPA (ASC O5) (American Wood Protection Association)

Reaffirmation

BSR O5.5-2010 (R201x), Wood Ground Wire Moulding - Specifications and Dimensions (reaffirmation of ANSI O5.5-2010)

This standard provides minimum specifications for the quality and dimensions of wood moulding used to protect ground wires on utility pole structures.

Single copy price: $40.00

Obtain an electronic copy from: http://webstore.ansi.org/RecordDetail.aspx?sku=ANSI O5.5-2010

Order from: Colin McCown, (205) 733-4077, mccown@awpa.com

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

AWPA (ASC O5) (American Wood Protection Association)

Revision

BSR O5.4-201x, Naturally Durable Hardwood Poles - Specifications and Dimensions (revision of ANSI O5.4-2009)

This Standard provides minimum specifications for the quality and dimensions of naturally durable hardwood poles without preservative treatment to be used in single-pole utility structures. The poles described are considered as simple cantilever members subject to transverse loads only. Fiber strength values, provided as a basis for determining pole class sizes, apply only to poles that meet or exceed the minimum quality specifications. These fiber strength values may be used to estimate average groundline moment capacity of the poles listed therein.

Single copy price: Free

Obtain an electronic copy from: http://www.awpa.com/contact/index.asp

Order from: Colin McCown, (205) 733-4077, mccown@awpa.com

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

AWS (American Welding Society)

Revision

BSR/AWS B2.3/B2.3M-201x, Specification for Soldering Procedure and Performance Qualification (revision of ANSI/AWS B2.3/B2.3M-2012)

This specification provides the requirements for qualification of soldering procedure specifications, solderers, and soldering operators for manual, mechanized, and automatic soldering. The soldering processes included are torch soldering, furnace soldering, induction soldering, resistance soldering, dip soldering, iron soldering, and infrared soldering. Base metals, soldering filler metals, soldering fluxes, soldering atmospheres, and soldering joint clearances are also included.

Single copy price: $40.00

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: Same

BHMA (Builders Hardware Manufacturers Association)

Revision

BSR/BHMA A156.7-201x, Template Hinge Dimensions (revision of ANSI/BHMA A156.7-2014)

This Standard covers the requirements for the length, width, thickness, offset, and screw hole spacing for builder's template hinges. Included in the standard are hinge identification symbols and screw sizes. Methods for identifying template hinges that conform to the Standard are provided.

Single copy price: $36.00 (Nonmembers)/$18.00 (BHMA Members)

Order from: Emily Brochstein, (212) 297-2126, ebrochstein@kellencompany.com

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

BHMA (Builders Hardware Manufacturers Association)

Revision

BSR/BHMA A156.115-201x, Hardware Preparation In Steel Doors and Steel Frames (revision of ANSI/BHMA A156.115-2014)

These Standards cover all significant dimensional attributes for mounting common hardware products in steel doors and frames. All dimensions shall be as shown on the accompanying drawings.

Single copy price: $36.00 (Nonmembers)/$18.00 (BHMA Members)

Order from: Emily Brochstein, (212) 297-2126, ebrochstein@kellencompany.com

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

NSF (NSF International)

Reaffirmation

BSR/NSF 240-2011 (R201x) (i2r1), Drainfield Trench Product Sizing for Gravity Dispersal Onsite Wastewater Treatment and Dispersal Systems (reaffirmation of ANSI/NSF 240-2011)

This Standard provides a methodology to compare, assess and document product sizing criteria for alternative or proprietary products with respect to conventional coarse aggregate used in onsite wastewater dispersal drainfields, based on comparative hydraulic performance. The comparative treatment performance of alternative products compared to performance of conventional systems is not within the scope of this Standard.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/ballot.php?id=3909

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

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

NSF (NSF International)

Revision

BSR/NSF 42-201x (i75r1), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2015)

It is the purpose of this Standard to establish minimum requirements for materials, design and construction, and performance of drinking water treatment systems that are designed to reduce specific aesthetic-related (non-health effects) contaminants in public or private water supplies. This Standard also specifies the minimum product literature and labeling information that a manufacturer shall supply to authorized representatives and system owners as well as the minimum service-related obligations that the manufacturer shall extend to system owners.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/download.php/33628/42i75r1%20et%20al%20JC%20memo%20&%20ballot.pdf

Order from: Monica Leslie, (734) 827-5643, mleslie@nsf.org

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

NSF (NSF International)

Revision

BSR/NSF 49-201x (i45r4), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2014)

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 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.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/download.php/33553/49i45r4%20-%20Hydrogen%20Peroxide%20Decontamination%20-%20JC%20memo%20&%20ballot.pdf

Order from: Allan Rose, (734) 827-3817, arose@nsf.org

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

NSF (NSF International)

Revision

BSR/NSF 53-201x (i87r1), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2015)

It is the purpose of this Standard to establish minimum requirements for materials, design and construction, and performance of point-of-use and point-of-entry drinking water treatment systems that are designed to reduce specific health-related contaminants in public or private water supplies. Such systems include point-of-entry drinking water treatment systems used to treat all or part of the water at the inlet to a residential facility or a bottled water production facility, and includes the material and components used in these systems.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/download.php/33628/42i75r1%20et%20al%20JC%20memo%20&%20ballot.pdf

Order from: Monica Leslie, (734) 827-5643, mleslie@nsf.org

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

NSF (NSF International)

Revision

BSR/NSF 58-201x (i77r1), Reverse Osmosis Drinking Water Treatment Systems (revision of ANSI/NSF 58-2015)

The purpose of this Standard is to establish minimum requirements for materials, design and construction, and performance of reverse-osmosis drinking-water treatment systems. This Standard also specifies the minimum product literature that manufacturers shall supply to authorized representatives and owners, as well as the minimum service-related obligations that manufacturers shall extend to system owners.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/download.php/33628/42i75r1%20et%20al%20JC%20memo%20&%20ballot.pdf

Order from: Monica Leslie, (734) 827-5643, mleslie@nsf.org

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

NSF (NSF International)

Revision

BSR/NSF 62-201x (i31r1), Drinking Water Distillation Systems (revision of ANSI/NSF 62-2015)

This standard establishes minimum materials, design and construction, and performance requirements for point-of-use and point-of-entry drinking-water distillation systems and the components used in these systems. Distillation systems covered by this standard are designed to reduce specific chemical contaminants from potable drinking water supplies. Systems covered under this standard may also be designed to reduce microbiological contaminants, including bacteria, viruses, and cysts, from potable drinking-water supplies. It is recognized that a system may be effective in controlling one or more of these contaminants, but systems are not required to control all.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/download.php/33628/42i75r1%20et%20al%20JC%20memo%20&%20ballot.pdf

Order from: Monica Leslie, (734) 827-5643, mleslie@nsf.org

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

NSF (NSF International)

Revision

BSR/NSF 401-201x (i7r1), Drinking water treatment units - Emerging compounds/incidental contaminants (revision of ANSI/NSF 401-2014)

The purpose of this Standard is to establish minimum requirements for materials, design and construction, and performance of drinking-water treatment systems that are designed to reduce emerging compounds in public or private water supplies, such as pharmaceutical, personal care products (PPCPs), and endocrine-disrupting compounds (EDCs).

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/download.php/33628/42i75r1%20et%20al%20JC%20memo%20&%20ballot.pdf

Order from: Monica Leslie, (734) 827-5643, mleslie@nsf.org

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

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

Revision

BSR/PMMI B155.1-201x, Safety Requirements for Packaging and Processing Machinery (revision of ANSI/PMMI B155.1-2011)

The standard specifies basic principles and a methodology for achieving safety in the design and the use of machinery based on risk assessment. The requirements of this standard apply to new, modified, or rebuilt industrial and commercial:

]- processing machinery used to produce food, beverage, and pharmaceutical products;

- packaging machinery that performs packaging functions for primary, secondary, and tertiary (transport/distribution) packaging;

- coordination of the packaging functions that take place on the production line; and

- packaging-related converting machinery.

Single copy price: Free

Obtain an electronic copy from: fhayes@pmmi.org

Order from: Fred Hayes, (269) 781-6567, fhayes@pmmi.org

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

TIA (Telecommunications Industry Association)

Revision

BSR/TIA 568.3-D-201x, Optical Fiber Cabling Component Standard (revision and redesignation of ANSI/TIA 568-C.3-2008)

This Standard is applicable to premises optical fiber cabling and components. Specified in this Standard are requirements for components, such as cable, connectors, connecting hardware, and cords. Basic connectivity arrangements formed from these components are also defined. Connector test requirements and guidelines for field testing are also incorporated into this Standard.

Single copy price: $61.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: standards@tiaonline.org

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

TIA (Telecommunications Industry Association)

Revision

BSR/TIA 4957.210-A-201x, Multi-Hop Delivery Specification of a Data Link Sub-Layer (revision and redesignation of ANSI/TIA 4957.210-2013)

Revise to add new operational modes for Smart Grid, smart metering, and related applications.

Single copy price: $116.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: standards@tiaonline.org

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

UL (Underwriters Laboratories, Inc.)

New National Adoption

BSR/UL 60079-17-201X, Standard for Safety for Explosive Atmospheres - Part 17: Electrical Installations Inspection and Maintenance (national adoption with modifications of IEC 60079-17)

Adoption of IEC 60079-17 - Explosive Atmospheres - Part 17: Electrical Installations Inspection and Maintenance as a new IEC-based UL standard, UL 60079-17, with US differences.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

UL (Underwriters Laboratories, Inc.)

New Standard

BSR/UL 1489-201x, Standard for Safety for Standard for Fire Tests of Fire Resistant Pipe Protection Systems Carrying Combustible Liquids (new standard)

The proposed first edition of the Standard for Fire Tests of Fire Resistant Pipe Protection Systems Carrying Combustible Liquids, UL 1489. This Standard covers products such as, but not limited to, sleeve-, wrap-, or spray-on-type fire protection systems applied over or onto rigid piping networks typically consisting of short sections of thick wall pipe connected with threaded or welded fittings that are assembled on-site. It also describes a standard test method to develop the data necessary for evaluating fire-resistive pipe protection systems for specific applications.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

UL (Underwriters Laboratories, Inc.)

New Standard

BSR/UL 2272-201x, Standard for Safety for Electrical Systems for Self-Balancing Scooters (new standard)

Covers revisions to the proposed first edition of the Standard for Electrical Systems for Self-Balancing Scooters resulting from comments received.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Megan Sepper, (847) 664 -3411, Megan.M.Sepper@ul.com

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 224-2010 (R201x), Standard for Safety for Extruded Insulating Tubing (reaffirmation of ANSI/UL 224-2010)

(1) Reaffirmation and continuance of the sixth edition of the Standard for Extruded Insulating Tubing, UL 224, as an American National Standard.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 943B-2011 (R201x), Standard for Safety For Appliance Leakage-Current Interrupters (reaffirmation of ANSI/UL 943B-2011)

These requirements cover appliance leakage-current interrupters (ALCIs), intended for use only in 2- or 3-wire alternating-current circuits wherein one of the wires is grounded in accordance with the National Electrical Code, ANSI/NFPA 70. They are intended to interrupt the electric circuit to the load when a fault current to ground exceeds some predetermined value that is less than that required to operate the overcurrent protective device of the supply circuit. An ALCI trips when the current to ground reaches a value in the range of 4 - 6 mA.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 61010-2-030-2012 (R201x), Standard for Safety for Safety Requirements for Measurement, Control, and Laboratory Use - Part 2-030: Particular Requirements for Testing and Measuring Circuits (Proposal dated 07-15-16) (reaffirmation of ANSI/UL 61010-2-030-2012)

Reaffirmation and continuance of the first edition of the Standard for Safety Requirements for Measurement, Control, and Laboratory Use - Part 2-030: Particular Requirements for Testing and Measuring Circuits, UL 61010-2 -030.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

Comment Deadline: September 13, 2016

UL (Underwriters Laboratories, Inc.)

New Standard

BSR/UL 6200-201x, Standard for Safety for Controllers for Use in Power Production (new standard)

This proposal involves the publication of the first edition of UL 6200, which covers control panels, control units, and other various electrical circuits employed within a control circuit device intended for support functions, maintain operation and limiting safety-control features for use in a Stationary Engine Driven Assembly or similar power production equipment control applications.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: www.comm-2000.com

Order from: comm2000, 151 Eastern Avenue, Bensenville, IL 60106 USA, 1 -888-853-3503

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

AAMI (Association for the Advancement of Medical Instrumentation)

BSR/AAMI/ISO 18250-20-201x, Connectors for Reservoir Delivery Systems for Healthcare Applications - Part 20: Common Test Methods (identical national adoption of ISO 18250-20)

NENA (National Emergency Number Association)

BSR/NENA PSAPOPS-RFP-201x, NENA Standard for RFP Considerations and Recommendations (new standard)

UL (Underwriters Laboratories, Inc.)

BSR/UL 826-2009 (R201x), Standard for Safety for Household Electric Clocks (Proposal dated 7-5-13) (reaffirmation of ANSI/UL 826-2009)

30 Day Notice of Withdrawal: ANS 5 to 10 years past approval date

In accordance with clause 4.7.1 Periodic Maintenance of American National Standards of the ANSI Essential Requirements, the following American National Standards have not been reaffirmed or revised within the five-year period following approval as an ANS. Thus, they shall be withdrawn at the close of this 30-day public review notice in Standards Action.

ISA (International Society of Automation)

ANSI/ISA 75.26.01-2006, Control Valve Diagnostic Data Acquisition and Reporting

Notice of Withdrawn ANS by an ANSI-Accredited Standards Developer

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

UL (Underwriters Laboratories, Inc.)

ANSI/UL 826-2009, Standard for Safety for Household Electric Clocks

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.

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

Office: 2111 Wilson Boulevard
Suite 500
Arlington, VA 22201

Contact: *Daniel Abbate*

Phone: (703) 600-0327

Fax: (703) 562-1942

E-mail: dabbate@ahrinet.org

BSR/AHRI Standard 270 with Addendum 1-201x, Sound Performance Rating of Outdoor Unitary Equipment (revision of ANSI/AHRI Standard 270-2009)

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: nstremmel@acousticalsociety.org

BSR/ASA S12.15-1992 (R201x), Acoustics - Portable Electric Power Tools, Stationary and Fixed Electric Power Tools, and Gardening Appliances - Measurement of Sound Emitted (reaffirmation of ANSI/ASA S12.15-1992 (R2007))

Obtain an electronic copy from: asastds@acousticalsociety.org

AWPA (ASC O5) (American Wood Protection Association)

Office: P.O. Box 361784
Birmingham, AL 35236-1784

Contact: *Colin McCown*

Phone: (205) 733-4077

Fax: (205) 733-4075

E-mail: mccown@awpa.com

BSR O5.4-201x, Naturally Durable Hardwood Poles - Specifications and Dimensions (revision of ANSI O5.4-2009)

Obtain an electronic copy from: http://www.awpa.com/contact/index.asp

BSR O5.5-2010 (R201x), Wood Ground Wire Moulding - Specifications and Dimensions (reaffirmation of ANSI O5.5-2010)

Obtain an electronic copy from: http://webstore.ansi.org/RecordDetail.aspx?sku=ANSI O5.5-2010

BSR O5.6-201x, Solid Sawn Naturally Durable Hardwood Crossarms & Braces - Specifications and Dimensions (revision of ANSI O5.6-2010)

BHMA (Builders Hardware Manufacturers Association)

Office: 355 Lexington Avenue
15th Floor
New York, NY 10017

Contact: *Emily Brochstein*

Phone: (212) 297-2126

Fax: (212) 370-9047

E-mail: ebrochstein@kellencompany.com

BSR/BHMA A156.7-201x, Template Hinge Dimensions (revision of ANSI/BHMA A156.7-2014)

BSR/BHMA A156.115-201x, Hardware Preparation in Steel Doors and Steel Frames (revision of ANSI/BHMA A156.115-2014)

MSS (Manufacturers Standardization Society)

Office: 127 Park Street, NE
Vienna, VA 22180-4602

Contact: *Robert O'Neill*

Phone: (703) 281-6613

Fax: (703) 281-6671

E-mail: boneill@mss-hq.org

BSR/MSS SP-122-201x, Plastic Industrial Ball Valves (new standard)

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Peachtree Corners, GA 30092

Contact: *Laurence Womack*

Phone: (770) 209-7276

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 275 sp-201x, Screening of pulp (Somerville-type equipment) (new standard)

Obtain an electronic copy from: standards@tappi.org

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 568.3-D-201x, Optical Fiber Cabling Component Standard (revision and redesignation of ANSI/TIA 568-C.3-2008)

Obtain an electronic copy from: standards@tiaonline.org

BSR/TIA 4957.210-A-201x, Multi-Hop Delivery Specification of a Data Link Sub-Layer (revision and redesignation of ANSI/TIA 4957.210 -2013)

Obtain an electronic copy from: standards@tiaonline.org

UL (Underwriters Laboratories, Inc.)

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

Contact: *Ross Wilson*

Phone: (919) 549-1511

Fax: (631) 271-6200

E-mail: Ross.Wilson@ul.com

BSR/UL 583-201X, Standard for Safety for Electric-Battery-Powered Industrial Trucks (Proposal dated 7-15-16) (revision of ANSI/UL 583 -2016)

Obtain an electronic copy from: www.comm-2000.com

BSR/UL 1489-201x, Standard for Safety for Standard for Fire Tests of Fire Resistant Pipe Protection Systems Carrying Combustible Liquids (new standard)

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

Call for Members (ANS Consensus Bodies)

Call for Committee Members

ASC O1

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

- General Interest
- Government
- Producer
- User

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

Final Actions on American National Standards

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

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

ANSI/AAMI/ISO 80369-5-2016, Small-bore connectors for liquids and gases in healthcare application - Part 5: Connectors for limb cuff inflation applications (identical national adoption of IEC-ISO 80369 -5): 7/1/2016

AGMA (American Gear Manufacturers Association)

Reaffirmation

ANSI/AGMA/AWEA 6006-A03-2004 (R2016), Standard for Design and Specifications of Gearboxes for Wind Turbines (reaffirmation of ANSI/AGMA/AWEA 6006-A03-2004 (R2010)): 6/29/2016

ANS (American Nuclear Society)

Reaffirmation

ANSI/ANS 2.3-2011 (R2016), Estimating Tornado, Hurricane, and Extreme Straight Line Wind Characteristics at Nuclear Facility Sites (reaffirmation of ANSI/ANS 2.3-2011): 6/29/2016

ANSI/ANS 8.14-2004 (R2016), Use of Soluble Neutron Absorbers in Nuclear Facilities Outside Reactors (reaffirmation of ANSI/ANS 8.14 -2004 (R2011)): 6/29/2016

ANSI/ANS 40.37-2009 (R2016), Mobile Low-Level Radioactive Waste Processing Systems (reaffirmation of ANSI/ANS 40.37-2009): 6/30/2016

ASABE (American Society of Agricultural and Biological Engineers)

New Standard

ANSI/ASABE S639-JUN-2016, Safety Standard for Large Row Crop Flail Mowers (new standard): 6/29/2016

Revision

ANSI/ASAE S396.-JUN2016, Combine Capacity and Performance Test Procedure (revision of ANSI/ASAE S396.2 APR1990 (R2013)): 6/30/2016

ASME (American Society of Mechanical Engineers)

Revision

ANSI/ASME B32.100-2016, Preferred Metric Sizes for Flat, Round, Square, Rectangle, and Hexagon Metal Products (revision of ANSI/ASME B32.100-2005 (R2011)): 6/29/2016

ANSI/ASME B107.600-2016, Screwdrivers and Screwdriver Bits (revision, redesignation and consolidation of ANSI/ASME B107.15 -2008, ANSI/ASME B107.26-2007, ANSI/ASME B107.30-2008, ANSI/ASME B107.31M-1997 (R2002)): 6/29/2016

Stabilized Maintenance

ANSI/ASME B94.33.1-1997 (S2016), Jig Bushings, Metric (stabilized maintenance of ASME B94.33.1-1997): 6/29/2016

AWS (American Welding Society)

Reaffirmation

ANSI/AWS D16.1M/D16.1-2004 (R2016), Specification for Robotic Arc Welding Safety (reaffirmation of ANSI/AWS D16.1M/D16.1-2004): 6/29/2016

AWWA (American Water Works Association)

Revision

ANSI/AWWA C230-2016, Stainless-Steel Full-Encirclement Repair and Service Connection Clamps (revision of ANSI/AWWA C230 -2011): 6/30/2016

BHMA (Builders Hardware Manufacturers Association)

Revision

* ANSI/BHMA A156.18-2016, Materials and Finishes (revision of ANSI/BHMA A156.18-2012): 6/30/2016

CSA (CSA Group)

Revision

* ANSI Z83.4-2016, Non-Recirculating Direct Gas-Fired Heating and Forced Ventilation Appliances for Commercial and Industrial Application (same as CSA 3.7-201x) (revision of ANSI Z83.4-2015): 6/29/2016

ESTA (Entertainment Services and Technology Association)

Reaffirmation

ANSI E1.28-2011 (R2016), Guidance on planning followspot positions in places of public assembly (reaffirmation of ANSI E1.28-2011): 7/1/2016

FCI (Fluid Controls Institute)

New Standard

ANSI/FCI 13-1-2016, Determining Condensate Loads to Size Steam Traps (new standard): 7/1/2016

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

Revision

* ANSI/IAPMO Z1001-2016, Prefabricated Gravity Grease Interceptors (revision of ANSI/IAPMO Z1001-2014): 6/30/2016

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

New Standard

INCITS 539-2016, Information technology - Management of Security Credentials Specification (new standard): 7/1/2016

MHI (Material Handling Industry)

Revision

ANSI MH27.1-2016, Patented Track Underhung Cranes and Monorail Systems (revision of ANSI MH27.1-2003 (R2009)): 6/30/2016

NACE (NACE International, The Worldwide Corrosion Authority)

New Standard

ANSI/NACE TMXXXX-2016, Test Method for Monitoring Atmospheric Corrosion Rate by Electrochemical Measurements (new standard): 6/29/2016

NEMA (ASC C78) (National Electrical Manufacturers Association)

Reaffirmation

ANSI C78.180-2003 (R2016), Standard for Electric Lamps: Specifications for Fluorescent Lamp Starters (reaffirmation of ANSI C78.180-2003 (R2011)): 6/29/2016

ANSI C78.682-1997 (R2016), Standard for Electric Lamps: Standard Method of Measuring the Pinch Temperature of Quartz Tungsten-Halogen Lamps (reaffirmation and redesignation of ANSI/IEC C78.682-1997 (R2010)): 7/1/2016

Revision

* ANSI C78.44-2016, Electric Lamps - Double-Ended Metal Halide Lamps (revision and redesignation of ANSI/ANSLG C78.44-2008): 7/1/2016

* ANSI C78.81-2016, Electric Lamps - Double-Capped Fluorescent Lamps -Dimensional and Electrical Characteristics (revision and redesignation of ANSI/ANSLG C78.81-2014): 6/29/2016

ANSI C78.1195-2016, Electric Lamps - Double-Capped Fluorescent Lamps - Safety Specifications (revision and redesignation of ANSI C78.1195-2001 (R2011)): 6/29/2016

ANSI C78.1199-2016, Electric Lamps - Single-Capped Fluorescent Lamps - Safety Specifications (revision and redesignation of ANSI C78.1199-2001 (R2011)): 6/30/2016

Stabilized Maintenance

ANSI C78.385-1961 (S2016), Standard for Electric Lamps: Methods of Measurement of Glow Lamps (stabilized maintenance of ANSI C78.385-1961 (R2011)): 7/1/2016

NSF (NSF International)

Revision

* ANSI/NSF 14-2016 (i77r2), Plastics piping system components and related materials (revision of ANSI/NSF 14-2015): 6/24/2016

* ANSI/NSF 61-2016 (i132r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2015): 6/27/2016

SPRI (Single Ply Roofing Institute)

Revision

ANSI/SPRI FX-1-2016, Standard Field Test Procedure for Determining the Withdrawal Resistance of Roofing Fasteners (revision of ANSI/SPRI FX-1-2011): 6/29/2016

TIA (Telecommunications Industry Association)

Addenda

ANSI/TIA 568-C.2-1-2016, Balanced Twisted-Pair Telecommunications Cabling and Components Standard, Addendum 1: Specifications for 100 Next Generation Cabling (addenda to ANSI/TIA 568-C.2-2009): 6/30/2016

UL (Underwriters Laboratories, Inc.)

Revision

ANSI/UL 96-2016, Standard for Safety for Lightning Protection Components (revision of ANSI/UL 96-2015a): 6/30/2016

ANSI/UL 1569-2016, Standard for Safety for Metal-Clad Cables (revision of ANSI/UL 1569-2015): 7/1/2016

VITA (VMEbus International Trade Association (VITA))

Revision

ANSI/VITA 66.0-2016, Optical Interconnect on VPX - Base Standard (revision of ANSI/VITA 66.0-2011): 7/1/2016

Project Initiation Notification System (PINS)

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

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

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

ASME (American Society of Mechanical Engineers)

Office: Two Park Avenue
New York, NY 10016

Contact: *Mayra Santiago*

Fax: (212) 591-8501

E-mail: ansibox@asme.org

BSR/ASME A17.7/CSA B44.7-201x, Performance-based safety code for elevators and esclators (revision of ANSI/ASME A17.7/CSA B44.7-2006 (R2012))

Stakeholders: Elevator equipment manufacturers, equipment owners, and regulatory authorities.

Project Need: To update the existing Standard, which provides a structured method for establishing the safety of designs and products that are not yet covered by the A17.1 and B44 Elevator Codes. The availability of a uniform process for new technology will allow the early introduction of innovative products and allow the prescriptive codes then to "catch up" as the novel products become more standard products.

This performance-based safety code covers design, construction, operation, inspection, testing, maintenance, alteration, and repair of elevators, escalators and related conveyances. A17.7 is specifically intended for new elevator technology and practices and provides a structured method for establishing the safety of designs and products.

BSR/ASME B89.4.10-201x, Methods for Performance Evaluation of Coordinate Measuring System Software (revision of ANSI/ASME B89.4.10-2000 (R2011))

Stakeholders: Metrology calibration labs, users, manufacturers, aerospace, academia.

Project Need: Standard is being revised to reflect change in technology.

The purpose of this document is to provide guidelines for evaluating the quality of solutions generated by CMS software and to define minimal documentation requirements for software providers.

BSR/ASME B89.7.3.1-201x, Guidelines for Decision Rules: Considering Measurements Uncertainty in Determining Conformance to Specifications (revision of ANSI/ASME B89.7.3.1 -2001 (R2011))

Stakeholders: Manufacturers, users, aerospace, researchers, dimensional measurement planners, precision engineering; mostly used in dimensional metrology laboratories.

Project Need: Some of the contents in the standard are out-of-date and need to be updated to current business practices.

These guidelines provide terminology and specify the content that must be addressed when stating a decision rule used for deciding the acceptance or rejection of a product according to specification.

AWPA (ASC O5) (American Wood Protection Association)

Office: P.O. Box 361784
Birmingham, AL 35236-1784

Contact: *Colin McCown*

Fax: (205) 733-4075

E-mail: mccown@awpa.com

BSR O5.6-201x, Solid Sawn Naturally Durable Hardwood Crossarms & Braces - Specifications and Dimensions (revision of ANSI O5.6 -2010)

Stakeholders: Electric and telecommunications utilities and manufacturers/distributors of wood crossarms and braces.

Project Need: General technical review and update of the current ANS.

This standard consists of specifications covering solid sawn-wood crossarms and braces manufactured from naturally durable hardwoods. The specifications are intended to cover communications crossarms, power crossarms, heavy-duty crossarms, and heavy-duty braces. Crossarms are intended primarily for use as beams. Heavy-duty crossarms may also be used as struts or columns in braced H-frames. Braces used may be tension-type, compression-type, or both.

MSS (Manufacturers Standardization Society)

Office: 127 Park Street, NE
Vienna, VA 22180-4602

Contact: *Robert O'Neill*

Fax: (703) 281-6671

E-mail: boneill@mss-hq.org

BSR/MSS SP-122-201x, Plastic Industrial Ball Valves (new standard)

Stakeholders: Paper, chemical, petrochemical, hydroelectric power, and fossil fuel power valve and fittings systems.

Project Need: This MSS standard warrants elevation to national status as it is widely used in multiple valve and piping industries, reflecting industry practice for the design, manufacture, and application of plastic industrial valves. In addition, this standard is aligned with the class-rated design, testing, and material requirements of ASME B16.34; and the class-rated pressure, temperature, and dimensional requirements of ASME B16.5 and B16.47.

This Standard Practice establishes requirements for plastic industrial ball valves in nominal pipe sizes (NPS) 1/2 through 4, designed for general industrial systems for the distribution of pressurized liquids that are chemically compatible with the piping material. It reflects the industry practice for the design, manufacture, and application of these valves. This SP-122 applies to valves having the ball seal against two self-lubricating seats of the following types: (a) Union ball valves, (b) Single union ball valves, and (c) Non-union ball valves.

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Peachtree Corners, GA 30092

Contact: *Laurence Womack*

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 275 sp-201x, Screening of pulp (Somerville-type equipment) (new standard)

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

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

The purpose of this method is to separate contaminants such as shives in mechanical pulp, and macro stickies, plastics, sand, metal pieces, and flakes in recycled fiber from pulp fibers for subsequent examination and/or quantification. This method employs a screening device and the separation is based on the size difference between fibers and contaminants. However, depending on their flexibility and/or geometry, not all of the contaminants that are larger in size than fiber can be captured by the screen.

American National Standards Maintained Under Continuous Maintenance

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

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

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

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

To obtain additional information with regard to these standards, including contact information at the ANSI Accredited Standards Developer, please visit *ANSI Online* at www.ansi.org/asd, 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
Arlington, VA 22203-1633
Phone: (703) 253-8261
Fax: (703) 276-0793
Web: www.aami.org

AARST
American Association of Radon Scientists and Technologists

P.O. Box 2109
Fletcher, NC 28732
Phone: (202) 830-1110
Fax: (913) 780-2090
Web: www.aarst.org

ADA (Organization)
American Dental Association

211 East Chicago Avenue
Chicago, IL 60611-2678
Phone: (312) 587-4129
Fax: (312) 440-2529
Web: www.ada.org

AGMA
American Gear Manufacturers Association

1001 N Fairfax Street, 5th Floor
Alexandria, VA 22314-1587
Phone: (703) 684-0211
Web: www.agma.org

AHRI
Air-Conditioning, Heating, and Refrigeration Institute

2111 Wilson Boulevard
Suite 500
Arlington, VA 22201
Phone: (703) 600-0327
Fax: (703) 562-1942
Web: www.ahrinet.org

ANS
American Nuclear Society

555 North Kensington Avenue
La Grange Park, IL 60526
Phone: (708) 579-8268
Fax: (708) 579-8248
Web: www.ans.org

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.acousticalsociety.org

ASABE
American Society of Agricultural and Biological Engineers

2950 Niles Road
St Joseph, MI 49085
Phone: (269) 932-7015
Fax: (269) 429-3852
Web: www.asabe.org

ASC X9
Accredited Standards Committee X9, Incorporated

275 West Street
Suite 107
Annapolis, MD 21401
Phone: (410) 267-7707
Web: www.x9.org

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

1791 Tullie Circle, NE
Atlanta, GA 30329
Phone: (678) 539-1214
Fax: (678) 539-2214
Web: www.ashrae.org

ASME
American Society of Mechanical Engineers

Two Park Avenue
New York, NY 10016
Phone: (212) 591-8521
Fax: (212) 591-8501
Web: www.asme.org

ATIS
Alliance for Telecommunications Industry Solutions

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

AWPA (ASC O5)
American Wood Protection Association

P.O. Box 361784
Birmingham, AL 35236-1784
Phone: (205) 733-4077
Fax: (205) 733-4075
Web: www.awpa.com

AWS
American Welding Society

8669 NW 36th Street
Suite #130
Miami, FL 33166-6672
Phone: (800) 443-9353
Fax: (305) 443-5951
Web: www.aws.org

AWWA
American Water Works Association

6666 W. Quincy Ave.
Denver, CO 80235
Phone: (303) 347-6178
Fax: (303) 795-7603
Web: www.awwa.org

BHMA
Builders Hardware Manufacturers Association

355 Lexington Avenue
15th Floor
New York, NY 10017
Phone: (212) 297-2126
Fax: (212) 370-9047
Web: www.buildershardware.com

CSA
CSA Group

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

ESTA
Entertainment Services and Technology Association

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

FCI
Fluid Controls Institute

1300 Sumner Avenue
Cleveland, OH 44115
Phone: (216) 241-7333
Fax: (216) 241-0105
Web: www.fluidcontrolsinstitute.org

IAPMO (Z)
International Association of Plumbing & Mechanical Officials

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

ITI (INCITS)
InterNational Committee for Information Technology Standards

1101 K Street NW
Suite 610
Washington, DC 20005-3922
Phone: (202) 626-5737
Fax: 202-638-4922
Web: www.incits.org

MHI
Material Handling Industry

8720 Red Oak Blvd. - Ste. 201
Suite 201
Charlotte, NC 28217
Phone: (704) 714-8755
Fax: (704) 676-1199
Web: www.mhi.org

MSS
Manufacturers Standardization Society

127 Park Street, NE
Vienna, VA 22180-4602
Phone: (703) 281-6613
Fax: (703) 281-6671
Web: www.mss-hq.org

NACE
NACE International, The Worldwide Corrosion Authority

15835 Park Ten Place
Houston, TX 77084
Phone: (281) 228-6485
Web: www.nace.org

NEMA (ASC C78)
National Electrical Manufacturers Association

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

NSF
NSF International

789 N. Dixboro Road
Ann Arbor, MI 48105-9723
Phone: (734) 769-5197
Web: www.nsf.org

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

11911 Freedom Drive
Suite 600
Reston, VA 20190
Phone: (269) 781-6567
Fax: (269) 781-6966
Web: www.pmmi.org

SPRI
Single Ply Roofing Institute

411 Waverley Oaks Road
Suite 331B
Waltham, MA 02452
Phone: (781) 647-7026
Fax: (781) 647-7222
Web: www.spri.org

TAPPI
Technical Association of the Pulp and Paper Industry

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

TIA
Telecommunications Industry Association

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

UL
Underwriters Laboratories, Inc.

12 Laboratory Drive
Research Triangle Park, NC 27709
-3995
Phone: (919) 549-1851
Web: www.ul.com

VITA
VMEbus International Trade Association (VITA)

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

ISO & IEC Draft International Standards

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

Comments

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

Ordering Instructions

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

ISO Standards

ACOUSTICS (TC 43)

ISO/DIS 10848-1, Acoustics - Laboratory measurement of the flanking transmission of airborne and impact noise between adjoining rooms - Part 1: Frame document - 11/11/2020, $102.00

ISO/DIS 10848-2, Acoustics - Laboratory and field measurement of flanking transmission for airborne, impact and building service equipment sound between adjoining rooms - Part 2: Application to Type B elements when the junction has a small influence - 9/28/2016, $58.00

ISO/DIS 10848-3, Acoustics - Laboratory and field measurement of flanking transmission for airborne, impact and building service equipment sound between adjoining rooms - Part 3: Application to Type B elements when the junction has a substantial influence - 9/28/2016, $53.00

ISO/DIS 10848-4, Acoustics - Laboratory and field measurement of flanking transmission for airborne, impact and building service equipment sound between adjoining rooms - Part 4: Application to junctions with at least one Type A element - 9/28/2016, $46.00

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 3656/DAmd1, Animal and vegetable fats and oils - Determination of ultraviolet absorbance expressed as specific UV extinction - Amendment 1 - 9/25/2016, $29.00

ISO/DIS 13484, Foodstuffs - General requirements for molecular biology analysis for detection and identification of destructive organisms in plants and derived products - 11/11/2009, $88.00

ISO/DIS 18787, Foodstuffs - Determination of water activity - 9/25/2016, $53.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 11532, Aerospace - Ground equipment - Graphical symbols for use on aircraft ground support equipment - 11/3/2024, $107.00

BUILDING CONSTRUCTION MACHINERY AND EQUIPMENT (TC 195)

ISO/DIS 19711-1, Building construction machinery and equipment - Mobile mixers - Part 1: Terminology and commercial specifications - 7/27/2016, $53.00

CRANES (TC 96)

ISO/DIS 8686-5, Cranes - Design principles for loads and load combinations - Part 5: Overhead travelling and portal bridge cranes - 9/25/2016, $98.00

EQUIPMENT FOR FIRE PROTECTION AND FIRE FIGHTING (TC 21)

ISO/DIS 7240-2, Fire detection and alarm systems - Part 2: Fire detection control and indicating equipment - 9/25/2016, $119.00

ISO/DIS 7240-4, Fire detection and alarm systems - Part 4: Power supply equipment - 9/25/2016, $82.00

FLOOR COVERINGS (TC 219)

ISO/DIS 6347, Textile floor coverings - Consumer information - 7/27/2016, $40.00

FLUID POWER SYSTEMS (TC 131)

ISO/DIS 20401, Pneumatic fluid power systems - Directional control valves - Specification of pin assignment for electrical round connectors of diameters 8 mm and 12 mm - 7/27/2016, $33.00

ISO/DIS 6162-2, Hydraulic fluid power - Flange connectors with split or one-piece flange clamps and metric or inch screws - Part 2: Flange connectors for use at pressures of 35 MPa (350 bar) to 40 MPa (400 bar), DN 13 to DN 51 - 11/12/2019, $82.00

GRAPHIC TECHNOLOGY (TC 130)

ISO/DIS 20654, Graphic technology - Measurement and calculation of spot colour tone value - 9/22/2016, $40.00

IMPLANTS FOR SURGERY (TC 150)

ISO/DIS 19233-1, Implants for surgery - Orthopaedic joint prosthesis - Part 1: Procedure for producing parametric 3D bone models from CT data of the knee - 7/27/2016, $46.00

INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

ISO 22400-2/DAmd1, Automation systems and integration - Key performance indicators (KPIs) for manufacturing operations management - Part 2: Definitions and descriptions - Amendment 1 - 9/25/2016, $62.00

ISO/DIS 18828-3, Automation Systems and Integration - Standardized procedures for production systems engineering - Part 3: Information flows in production planning processes - 9/21/2016, $125.00

INFORMATION AND DOCUMENTATION (TC 46)

ISO/DIS 20614, Data exchange protocol for interoperability and preservation - 9/25/2016, $134.00

ISO/DIS 28500, Information and documentation - WARC file format - 9/25/2016, $98.00

MECHANICAL VIBRATION AND SHOCK (TC 108)

ISO/DIS 20816-2, Mechanical vibration - Measurement and evaluation of machine vibration - Part 2: Land-based gas turbines, steam turbines and generators in excess of 40 MW, with fluid-film bearings and rated speeds of 1 500 r/min, 1 800 r/min, 3 000 r/min and 3 600 r/min - 9/30/2016, $88.00

NON-DESTRUCTIVE TESTING (TC 135)

ISO/DIS 18563-2, Non-destructive testing - Characterization and verification of ultrasonic phased array equipment - Part 2: Probes - 7/29/2016, FREE

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO/DIS 14135-1, Optics and optical instruments - Specifications for telescopic sights - Part 1: General-purpose instruments - 11/7/2028, $46.00

ISO/DIS 14135-2, Optics and photonics - Specifications for telescopic sights - Part 2: High-performance instruments - 9/18/2016, $46.00

ISO/DIS 14490-5, Optics and optical instruments - Test methods for telescopic systems - Part 5: Test methods for transmittance - 12/31/2035, $67.00

OTHER

ISO/DIS 20701, Leather - Tests for colour fastness - Colour fastness to saliva - 9/29/2016, $33.00

PLASTICS (TC 61)

ISO/DIS 10350-1, Plastics - Acquisition and presentation of comparable single-point data - Part 1: Moulding materials - 7/31/2016, $58.00

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

ISO/DIS 11295, Classification and information on design and applications of plastics piping systems used for renovation and replacement - 7/27/2016, $119.00

ISO/DIS 11296-2, Plastics piping systems for renovation of underground non-pressure drainage and sewerage networks - Part 2: Lining with continuous pipes - 7/27/2016, $53.00

ISO/DIS 11297-2, Plastics piping systems for renovation of underground drainage and sewerage networks under pressure - Part 2: Lining with continuous pipes - 7/27/2016, $53.00

ISO/DIS 11298-2, Plastics piping systems for renovation of underground water supply networks - Part 2: Lining with continuous pipes - 7/27/2016, $53.00

PULLEYS AND BELTS (INCLUDING VEEBELTS) (TC 41)

ISO/DIS 5295, Synchronous belts - Calculation of power rating and drive centre distance - 9/25/2016, $33.00

QUALITY MANAGEMENT AND CORRESPONDING GENERAL ASPECTS FOR MEDICAL DEVICES (TC 210)

ISO/DIS 16142-2, Medical devices - Recognized essential principles of safety and performance of medical devices - Part 2: General essential principles and additional specific essential principles for all IVD medical devices and guidance on the selection of standards - 7/27/2016, $112.00

ROAD VEHICLES (TC 22)

ISO/DIS 7975, Passenger cars - Braking in a turn - Open-loop test method - 7/31/2016, $82.00

ISO/DIS 9816, Passenger cars - Power-off reaction of a vehicle in a turn - Open-loop test method - 7/31/2016, $88.00

ISO/DIS 3888-1, Passenger cars - Test track for a severe lane-change manoeuvre - Part 1: Double lane-change - 7/31/2016, $40.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 15825, Rubber compounding ingredients - Carbon black - Determination of aggregate size distribution by disc centrifuge photosedimentometry - 7/31/2016, $58.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 6482, Shipbuilding - Deck machinery - Warping end profiles - 9/30/2016, $33.00

ISO/DIS 7825, Shipbuilding - Deck machinery - General requirements - 9/25/2016, $40.00

ISO/DIS 20438, Ships and marine technology - Offshore mooring chains - 9/30/2016, $82.00

ISO/DIS 19891-1, Ships and marine technology - Specifications for gas detectors intended for use on board ships - Part 1: Portable gas detectors for atmosphere testing of enclosed spaces - 9/29/2016, $40.00

SPRINGS (TC 227)

ISO 26910-1/DAmd1, Springs - Shot peening - Part 1: General procedures - Amendment 1 - 9/29/2016, $33.00

TRADITIONAL CHINESE MEDICINE (TC 249)

ISO/DIS 20498-2, Traditional Chinese medicine - Computerised tongue image analysis system - Part 2: Light environment - 7/27/2016, $40.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/DIS 19237, Intelligent transport systems - Pedestrian detection and collision mitigation systems (PDCMS) - Performance requirements and test procedures - 9/30/2016, $77.00

ISO/DIS 14813-6, Intelligent transport systems - Architecture - Part 6: Data presentation in ASN.1 - 9/30/2016, $53.00

TYRES, RIMS AND VALVES (TC 31)

ISO/DIS 4223-1, Definitions of some terms used in the tyre industry - Part 1: Pneumatic tyres - 9/29/2016, $77.00

WATER QUALITY (TC 147)

ISO/DIS 20899, Water quality - Plutonium and neptunium - Test method using ICP-MS - 9/28/2016, $58.00

WATER RE-USE (TC 282)

ISO/DIS 20760-1, Water reuse in urban areas - Guidelines for centralized water reuse system - Part 1: Design principle of a centralized water reuse system - 9/30/2016, $88.00

ISO/DIS 20760-2, Water reuse in urban areas - Guidelines for centralized water reuse system - Part 2: Management of a centralized water reuse system - 9/30/2016, $62.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO/DIS 3821, Gas welding equipment - Rubber hoses for welding, cutting and allied processes - 9/17/2016, $71.00

ISO/DIS 14114, Gas welding equipment - Acetylene manifold systems for welding, cutting and allied processes - General requirements - 9/17/2016, $58.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 14496-22/DAmd2, Information technology - Coding of audio-visual objects - Part 22: Open Font Format - Amendment 2: Updated text layout features and implementations - 9/25/2016, $67.00

ISO/IEC 21000-22/DAmd1, Information technology - Multimedia framework (MPEG-21) - Part 22: User Description - Amendment 1: Reference software for MPEG-21 user description - 9/25/2016, $82.00

ISO/IEC DIS 19823-10, Information technology - Conformance test methods for security service crypto suites - Part 10: Crypto suite AES-128 - 9/30/2016, $93.00

ISO/IEC DIS 29110-4-1, Systems and software engineering - Lifecycle profiles for Very Small Entities (VSEs) - Part 4-1: Software engineering - Profile specifications: Generic profile group - 9/25/2016, $71.00

OTHER

ISO/IEC DIS 17011, Conformity assessment - Requirements for accreditation bodies accrediting conformity assessment bodies - 9/17/2016, $93.00

IEC Standards

3D/279/FDIS, IEC 61360-6/Ed.1: Standard data element types with associated classification scheme for electric components - Part 6: IEC Common Data Dictionary (IEC CDD) quality guidelines, 08/19/2016

9/2191/FDIS, IEC 62917 Ed.1: Railway applications - Fixed installations - Electric traction - Copper and copper alloy grooved contact wires, 08/19/2016

20/1655/CD, IEC 60754-3: Test on gases evolved during combustion of materials from cables - Part 3: Detection of low level of halogen content by ion chromatography, 09/30/2016

37A/287/CD, IEC 61643-12/Ed3: Low-voltage surge protective devices - Part 12: Surge protective devices connected to low-voltage power distribution systems - Selection and application principles, 09/30/2016

42/344/CD, IEC 61083-1/Ed3: Instruments and software used for measurements in high-voltage and high-current tests - Part 1: Requirements for hardware for impulse tests "Proposed Horizontal Standard", 09/09/2016

46/601/CDV, IEC 60966-1 Ed. 3.0: Radio frequency and coaxial cable assemblies - Part 1: Generic specification - General requirements and test methods, 09/30/2016

46F/348/FDIS, IEC 61169-54 Ed1: Radio-frequency connectors - Part 54: Sectional specification for coaxial connectors with 10 mm inner diameter of outer conductor, nominal characteristic impedance 50 Ω, series 4,3-10, 08/19/2016

48B/2507/NP, IEC 61076-3-xxx/Ed1: Connectors for electronic eqipment - Product requirements - Detail specification for 10-way, shielded, free and fixed connectors for data transmission up to 500MHz, 09/30/2016

48B/2508/PAS, IEC/PAS 61076-3-124/Ed1: Connectors for electronic equipment - Product requirements - Detail specification for 10-way, shielded, free and fixed connectors for data transmission up to 500MHz, 09/02/2016

48D/617/CD, IEC 62610-2/Ed1: Mechanical structures for electrical and electronic equipment - Thermal management for cabinets in accordance with IEC 60297 and IEC 60917 series - Part 2: Method for the determination of forced air cooling structure, 09/30/2016

51/1141/NP, Ferrite cores - Dimensions and Guidelines on the limits of surface irregularities - Part 7: EER-cores, 09/30/2016

56/1692/CD, IEC 62960/Ed1: Dependability reviews during the life cycle, 09/30/2016

57/1721/CDV, IEC 61970-452 Ed.3: Energy management system application program interface (EMS-API) - Part 452: CIM static transmission network model profiles, 09/30/2016

57/1746/NP, Power systems management and associated information exchange - Data and communications security - Part 14: Cyber security event logging (proposed IEC 62351-14), 09/30/2016

57/1747/NP, Power systems management and associated information exchange - Data and communications security - Part 100-1: Conformance test cases for the IEC 62351-5 and its companion standards for secure data exchange communication interfaces (proposed IEC TS 62351-100-1), 09/30/2016

59D/440/CD, IEC 60704-2-16 Ed.1: Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-16: Particular requirements for washer-dryers, 09/30/2016

64/2125/CD, IEC 60364-7-701 Ed. 3: Low-voltage electrical installations - Part 7-701: Requirements for special installations or locations - Locations containing a bath or shower, 09/30/2016

65B/1053/FDIS, IEC 62952-1 Ed1: Power sources for a wireless communication device - Part 1: General requirements of power modules, 08/19/2016

65B/1054/FDIS, IEC 62952-2 Ed. 1.0: Power sources for a wireless communication device - Part 2: Profile for power modules with batteries, 08/19/2016

77A/933/DC, Maintenance of IEC 61000-3-12: Electromagnetic compatibility (EMC) - Part 3-12: Limits - Limits for harmonic currents produced by equipment connected to public low-voltage systems with input current >16 A and 75 A per phase, 09/02/2016

79/559/FDIS, IEC 62820-1-1 Ed.1: Building intercom systems - Part 1 -1: System requirements - General, 08/19/2016

82/1142/FDIS, IEC 62108 Ed.2: Concentrator photovoltaic (CPV) modules and assemblies - Design qualification and type approval, 08/19/2016

86A/1750A/CD, IEC 60793-2-10/Ed6: Optical fibres - Part 2-10: Product specifications - Sectional specification for category A1 multimode fibres, 08/19/2016

86B/3989A/CDV, IEC 61202-1/Ed4: Fibre optic interconnecting devices and passive components - Fibre optic isolators - Part 1: Generic specification, 09/23/2016

86B/3990A/CDV, IEC 61755-3-10/Ed1: Fibre optic interconnecting devices and passive components - Fibre optic connector optical interface - Part 3-10: Connector parameters of non-dispersion shifted single mode physically contacting fibres - non-angled, ferrule-less, bore alignment connectors, 09/23/2016

86B/3991/CDV, IEC 61300-2-55/Ed1: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 2-55: Tests - Strength of mounted adaptor, 09/30/2016

86C/1390A/NP, Future IEC 61757-2-1/Ed1: Fibre Optic Sensors - Part 2-1: Temperature measurement - Temperature sensors based on fibre Bragg gratings, 09/23/2016

86C/1396/DTR, IEC 62343-6-6/TR/Ed2: Dynamic modules - Part 6-6: Failure mode effect analysis for optical units of dynamic modules, 09/02/2016

88/587/CDV, IEC 61400-25-1 Ed.2: Wind energy generation systems - Part 25-1: Communications for monitoring and control of wind power plants - Overall description of principles and models, 09/30/2016

88/594/NP, IEC 61400-5 Ed.1: Wind energy generation systems - Part 5: Wind Turbine Rotor Blades, 09/30/2016

95/347/CD, IEC 60255-181 Ed.1: Measuring relays and protection equipment - Part 181: Functional requirements for frequency protection, 09/30/2016

107/288/DTS, IEC 62239-2 TS Ed.1: Process management for avionics - Management plan - Part 2: Preparation and maintenance of an electronic COTS assemblies management plan, 09/30/2016

116/290/CDV, IEC 62841-3-14 Ed. 1.0: Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 3-XX: Particular requirements for transportable drain cleaners, 09/30/2016

Newly Published ISO & IEC Standards

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

ISO Standards

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO 21076:2016, Space data and information transfer systems - Space communications cross support - Architecture requirements document, $265.00

ISO 21077:2016, Space data and information transfer systems - Digital motion imagery, $173.00

ISO 21080:2016, Space data and information transfer systems - Licklider transmission protocol (LTP) for CCSDS, $240.00

ISO 27852:2016, Space systems - Estimation of orbit lifetime, $200.00

CLEANING EQUIPMENT FOR AIR AND OTHER GASES (TC 142)

ISO 15858:2016, UV-C Devices - Safety information - Permissible human exposure, $88.00

COMPRESSORS, PNEUMATIC TOOLS AND PNEUMATIC MACHINES (TC 118)

ISO 18740:2016, Turbocompressors - Performance test code - Simplified acceptance test, $88.00

EQUIPMENT FOR FIRE PROTECTION AND FIRE FIGHTING (TC 21)

ISO 7076-4:2016, Fire protection - Foam fire extinguishing systems - Part 4: High expansion foam equipment, $88.00

FERTILIZERS AND SOIL CONDITIONERS (TC 134)

ISO 18642:2016, Fertilizer and soil conditioners - Fertilizer grade urea - General requirements, $51.00

FLUID POWER SYSTEMS (TC 131)

ISO 18582-1:2016, Fluid power - Specification of reference dictionary - Part 1: General overview on organization and structure, $88.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

ISO 10110-9:2016, Optics and photonics - Preparation of drawings for optical elements and systems - Part 9: Surface treatment and coating, $88.00

ISO 10110-11:2016, Optics and photonics - Preparation of drawings for optical elements and systems - Part 11: Non-toleranced data, $51.00

SIZING SYSTEMS AND DESIGNATIONS FOR CLOTHES (TC 133)

ISO 18825-2:2016, Clothing - Digital fittings - Part 2: Vocabulary and terminology used for attributes of the virtual human body, $200.00

STEEL (TC 17)

ISO 683-3:2016, Heat-treatable steels, alloy steels and free-cutting steels - Part 3: Case-hardening steels, $173.00

ISO 683-4:2016, Heat-treatable steels, alloy steels and free-cutting steels - Part 4: Free-cutting steels, $149.00

WATER QUALITY (TC 147)

ISO 17294-2:2016, Water quality - Application of inductively coupled plasma mass spectrometry (ICP-MS) - Part 2: Determination of selected elements including uranium isotopes, $173.00

ISO Technical Specifications

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/TS 14907-2:2016, Electronic fee collection - Test procedures for user and fixed equipment - Part 2: Conformance test for the on-board unit application interface, $240.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 13818-1/Amd1/Cor1:2016, Information technology - Generic coding of moving pictures and associated audio information - Part 1: Systems - Amendment 1: Delivery of timeline for external data - Corrigendum, FREE

ISO/IEC 15946-1:2016, Information technology - Security techniques - Cryptographic techniques based on elliptic curves - Part 1: General, $173.00

ISO/IEC 23005-3:2016, Information technology - Media context and control - Part 3: Sensory information, $265.00

ISO/IEC TS 33072:2016, Information technology - Process assessment - Process capability assessment model for information security management, $265.00

IEC Standards

ELECTROMAGNETIC COMPATIBILITY (TC 77)

IEC 61000-4-10 Ed. 2.0 b:2016, Electromagnetic compatibility (EMC) - Part 4-10: Testing and measurement techniques - Damped oscillatory magnetic field immunity test, $278.00

S+ IEC 61000-4-10 Ed. 2.0 en:2016 (Redline version), Electromagnetic compatibility (EMC) - Part 4-10: Testing and measurement techniques - Damped oscillatory magnetic field immunity test, $334.00

METHODS FOR THE ASSESSMENT OF ELECTRIC, MAGNETIC AND ELECTROMAGNETIC FIELDS ASSOCIATED WITH HUMAN EXPOSURE (TC 106)

IEC 62209-1 Ed. 2.0 b:2016, Measurement procedure for the assessment of specific absorption rate of human exposure to radio frequency fields from hand-held and body-mounted wireless communication devices - Part 1: Devices used next to the ear (Frequency range of 300 MHz to 6 GHz), $411.00

WINDING WIRES (TC 55)

IEC 60851-4 Ed. 3.0 b:2016, Winding wires - Test methods - Part 4: Chemical properties, $121.00

IEC Technical Specifications

INSULATORS (TC 36)

IEC/TS 61463 Ed. 2.0 en:2016, Bushings - Seismic qualification, $254.00

Proposed Foreign Government Regulations

Call for Comment

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

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

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

Information Concerning

American National Standards

INCITS Executive Board

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

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

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

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

- **Producer – Hardware**

  This category primarily produces hardware products for the ITC marketplace.

- **Producer – Software**

  This category primarily produces software products for the ITC marketplace.

- **Distributor**

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

- **User**

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

- **Consultants**

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

- **Standards Development Organizations and Consortia**

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

- **Academic Institution**

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

- **Other**

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

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

Calls for Members

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

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

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

ANSI Accredited Standards Developers

Approval of Reaccreditation

IAPMO

The reaccreditation of IAPMO, an ANSI Member and Accredited Standards Developer, has been approved at the direction of ANSI's Executive Standards Council under its recently revised IAPMO Regulations Governing Consensus Development of the Uniform Solar Energy & Hydronics and Swimming Pool, Spa & Hot Tub Codes, effective July 11, 2016. For additional information, please contact: Ms. Lynne Simnick, Sr. Director of Code Development, IAPMO, 4755 East Philadelphia, Ontario, CA 91761; phone: 909.472.4110; e-mail: Lynne.simnick@iapmo.org.

Reaccreditation

Dimensional Metrology Standards Consortium (DMSC)

Comment Deadline: August 15, 2016

The Dimensional Metrology Standards Consortium (DMSC), an ANSI member and Accredited Standards Developer, has submitted revisions to its currently accredited operating procedures for documenting consensus on DMSC-sponsored American National Standards, under which it was last reaccredited in 2015. As the current revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Mr. Bailey Squier, Executive Director and General Manager, Dimensional Metrology Standards Consortium, Inc., 1350 SW Alsbury Blvd #514, Burleson, TX 76028-9219; phone: 817.461.1092; e-mail: bsquier@dmis.org . You may view/download a copy of the revisions during the public review period at the following URL: www.ansi.org/accredPR. Please submit any public comments on the revised procedures to DMSC by August 15, 2016, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompso@ANSI.org).

Scope of ASD Accreditation

NSF International

Comment Deadline: August 15, 2016

NSF International, an ANSI Accredited Standards Developer (ASD) and ANSI member, has requested an update of its informational scope of standards activity on file with ANSI. NSF International's revised scope is as follows:

> Scope: Public health, safety and environmental standards including, but not limited to: food additives and contaminants (chemical and microbiological), commercial and household food service equipment (powered, preparation, storage, and service products), food processing equipment; water quality and treatment, drinking water additives, drinking water treatment systems, commercial bottled water, home treatment devices, beverage treatment technologies; plumbing products, plastic pipe; recreational water standards, swimming pool, spa, and hot tubs and related equipment; waste water treatment systems (small, commercial, and home treatment systems and technologies), biosolids quality and treatment, waste water additives; air quality, product emissions and filtration equipment; automotive parts and services.

Any comments or questions related to the revised scope should be submitted by August 15, 2016 to: Ms. Andrea O. Burr, MSW, Quality and Compliance, NSF International, 789 N. Dixboro Road, Ann Arbor, MI 48105-9723; phone: 734.913.5794; e-mail: aburr@nsf.org (please copy psa@ansi.org).

ANSI Accreditation Program for Third Party Product Certification Agencies

Initial Accreditation in accordance with ISO/IEC 17065

NSF International Strategic Registrations, Ltd.

Comment Deadline: August 15, 2016

Mr. Craig Morr
Manager, Quality Assurance
NSF International Strategic Registrations, Ltd.
789 N. Dixboro Road
Ann Arbor, MI 48105
Phone: (734) 769-5143
E-mail: cmorr@nsf.org
Web: www.nsf.org

On July 12, 2016, NSF International Strategic Registrations, Ltd., was granted initial accreditation for the following:

Certification Scheme: Automotive Parts Certification Program

Scope of Accreditation:

- 21.020 Characteristics and design of machines, apparatus, equipment
- 21.180 Housings, enclosures, other machine parts
- 43.040.20 Lighting, signalling and warning devices
- 43.040.60 Bodies and body components
- 43.040.70 Couplings
- 43.040.80 Crash protection and restraint systems
- 43.040.99 Other road vehicle systems

Please send your comments by August 15, 2016 to Reinaldo Balbino Figueiredo, Senior Program Director, Product/Process/Services Accreditation Programs, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Director, Product/Process/Services Accreditation Programs, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293 9287 or e-mail: njackson@ansi.org.

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 17 – *Steel* Subcommittees

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

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

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

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

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

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

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

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

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

ISO/TC 34 – *Food Products* Subcommittees

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

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

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

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

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

Excluded :

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

ISO/TC 34/SC 4 – *Cereals and pulses*

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

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

ISO/TC 34/SC 8 – *Tea*

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

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

Establishment of ISO Technical Committee

ISO/TC 306 – Foundry Machinery

A new ISO Technical Committee, ISO/TC 306, Foundry Machinery, has been formed. The Secretariat has been assigned to China (SAC).

ISO/TC 306 operates under the following scope:

Standardization of foundry machinery, including terminology, classification, specifications, test methods and quality requirements of sand preparation equipment, moulding equipment, core making equipment, die-casting equipment (die-casting machine, low pressure casting machine, centrifugal casting machine, gravity casting machine) and casting cleaning & grinding equipment etc.

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

New Work Item Proposal

Wheeled Child Conveyances

Comment Deadline: August 26, 2016

AFNOR, the ISO member body for France, and SAC, the ISO member body for China, have jointly submitted to ISO a new work item proposal for the development of an ISO standard on Wheeled Child Conveyances, with the following scope statement:

Standardization deliverable in the field of wheeled child conveyances designed for the carriage of one or more children. It covers safety requirements and test methods.

Excluded: toys, shopping trolleys, baby carriers fitted with wheels, wheeled child conveyances propelled by a motor and wheeled child conveyances designed for children with special needs.

Anyone wishing to review the proposal can request a copy by contacting ANSI's ISO Team (isot@ansi.org), with a submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, August 26, 2016.

U.S. Technical Advisory Groups

Application for Accreditation

U.S. TAG to ISO TC 304 – Healthcare Administration
Comment Deadline: August 15, 2016

The Dimensional Metrology Standards Consortium (DMSC), an ANSI member and Accredited Standards Developer, has submitted revisions to its currently accredited operating procedures for documenting consensus on DMSC-sponsored American National Standards, under which it was last reaccredited in 2015. As the current revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Mr. Bailey Squier, Executive Director and General Manager, Dimensional Metrology Standards Consortium, Inc., 1350 SW Alsbury Blvd #514, Burleson, TX 76028-9219; phone: 817.461.1092; e-mail: bsquier@dmis.org . You may view/download a copy of the revisions during the public review period at the following URL: www.ansi.org/accredPR. Please submit any public comments on the revised procedures to DMSC by August 15, 2016, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthompso@ANSI.org).

Approval of TAG Accreditation

U.S. TAG to ISO TC 281 – Fine Bubble Technology

ANSI's Executive Standards Council (ExSC) has formally approved the accreditation of the U.S. Technical Advisory Group to ISO TC 281, Fine bubble technology under the Model Operating Procedures for U.S. Technical Advisory Groups to ANSI for ISO Activities (Annex A of the ANSI International Procedures) and with the ISSA – The Worldwide Cleaning Industry Association via its subsidiary, the American Association of Cleaning Equipment Manufacturers (AACEM) serving as TAG Administrator, effective July 7, 2016. For additional information, please contact: Mr. Bill Balek, Director of Legislative and Environmental Services, ISSA, 3300 Dundee Road, Northbrook, IL 60062; phone: (800) 225-4772; e-mail: bill@issa.com.

Meeting Notices

AHRI Meetings

Development of AHRI Draft Standard 1520P

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on July 25 from 8 a.m. to 9 a.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Justin Prosser at jprosser@ahrinet.org.

Development of AHRI Draft Standard 1410P, Performance Rating for Commercial Finned Tube Radiation

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on July 19 from 11 a.m. to 12 p.m. If you are interested in participating in the meeting or providing comments on the standard, please contact AHRI staff member Tae Kwon at tkwon@ahrinet.org.

Robotics

ANSI-Accredited Group: ANSI R15.06, Subcommittee on Industrial Robot Safety.

What: Meeting #2 of 2016

Day/Date: Wednesday, Aug 31, 2016

Time: 1 PM – 3 PM, EDT

Where: Remote meeting via WebEx

Purpose:

(1) Update on ISO TC 299/ WG 3 activities

(2) Update on other ANSI R15 activities

(3) Updates to existing U.S. TRs

(4) Updates on new U.S. TRs proposed at May 2016 meeting

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

ANSI-Accredited Group: ANSI R15.06, Subcommittee on Industrial Robot Safety.

What: Meeting #3 of 2016

Day/Date: Friday, October 21, 2016

Time: 8:00 – 11:30 AM EDT

Where: Cincinnati, OH

Purpose:

(1) Update other ANSI R15 activities

(2) Update to existing U.S. TRs

(3) Updates on new U.S. TRs

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

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

What: Meeting #2 of 2016

Day/Date: Wednesday, October 12, 2016

Time: 1 PM – 3 PM, EDT

Where: Remote meeting via WebEx

Purpose:

(1) Review latest drafts of ISO TC 299 documents

(2) Develop coordinated U.S. Comments on the drafts

(3) Agree U.S. Position on open ISO TC 299 ballots (if any)

(4) Identify preliminary list of U.S. Delegates to TC 299/ WG 3 meeting in Orlando.

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

Information Concerning

U.S. National Committee of the IEC

USNC Needs Representatives to Join Various, Newly Established IEC SMB Groups

These SMB Groups are as follows:

1. SMB Decision 156/3 – ahG 68, Adoptions
The SMB, following discussion at the CAG the previous day, subject to a favorable decision by the CB, decided to set up ahG 68, Adoptions, with the task of making recommendations to ensure how to maximize the probability that IEC receives the necessary information concerning adoptions of IEC publications. The ahG should make recommendations concerning the role of both NCs and TC/SCs in this function. This ahG should report back to SMB meeting 157 in Frankfurt.

2. SMB Decision 156/7 – ahG 70, Review of Systems activities
The SMB noted that while there are some Technical Committees that engage in standardization activities at higher levels within their scope and these activities are often referred to as systems; these committees are not to be considered IEC Systems Committees. Neither Systems Committees nor Technical Committees can direct the work of the other, nor should they duplicate work. Rather, they should work collaboratively to address the needs of the IEC stakeholders and markets they serve. SMB decided to form ahG 70, Review of Systems activities, to assess the parameters and outcomes of the Systems work so far and to recommend any adjustments needed to the parameters of the systems activities by no later than SMB 158 but with an objective of SMB 157 (IEC 2016 GM Frankfurt).

3. SMB Decision 156/27 – ahG 71 Conformity Assessment Board (CAB)/Standards Guidance
The SMB agreed to set up ahG 71, Conformity Assessment/Standards Guidance, as a joint ahG with the CAB. The group is charged with developing guidance for standards writers on how to write standards without including CA procedures and vice-versa. The ahG will report back to SMB meeting 158 in February 2017.

If you are interested in becoming the USNC Representative to any of these SMB Groups, please contact Tony Zertuche, USNC General Secretary, as soon as possible – Phone: 212-642-4892; E-Mail: tzertuche@ansi.org. For membership in each of these groups, a **1 page CV** will be submitted to the SMB for formal approval.

BSR/ASHRAE Addendum a to
ANSI/ASHRAE Standard 161-2013

Public Review Draft

Proposed Addendum a to Standard 161-2013, Air Quality within Commercial Aircraft

Second Public Review (May 2016)
(Draft shows Proposed Changes to Current Standard)

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

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

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

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

(This foreword is not part of this standard. It is merely informative and does not contain requirements necessary for conformance to the standard. It has not been processed according to the ANSI requirements for a standard and may contain material that has not been subject to public review or a consensus process. Unresolved objectors on informative material are not offered the right to appeal at ASHRAE or ANSI.)

FOREWORD

This proposed addendum requires documentation of abnormal cabin air quality conditions and provides a recommended template for collecting relevant data.

Note: In this addendum, changes to the current standard are indicated in the text by underlining (for additions) and ~~strikethrough~~ (for deletions) unless the instructions specifically mention some other means of indicating the changes.

Addendum a to Standard 161-2013

Add a new Section 10 and a new Table 10.1 as shown below. Table 10.1 is completely new however it is not shown in underline. Renumber the current Section 10 (References) as Section 11.

10. DOCUMENTATION. Pilots, cabin crew, and maintenance workers shall be required to document abnormal air quality conditions (including airborne contaminants, cabin pressure, ventilation, and thermal conditions) with their airline on a standardized reporting form (paper, online, or both). Personnel shall be trained in the proper use of this reporting system. The requirement to complete this reporting form shall be referenced in the relevant airline operational manuals for pilots, cabin crew, and maintenance staff. The data from these forms (after appropriately de-identifying the reporter(s) to protect their privacy) shall also be reported to the relevant manufacturer(s) and regulatory agency and shall be incorporated into voluntary reporting systems (if applicable). The reporting form shall be completed and submitted as soon as practicable and shall include, at a minimum, the fields listed in Table 10.1.

Table 10.1 Smoke/Fumes Reporting Form (for each question, mark all that apply)

Note: Maintenance personnel need your help to troubleshoot cabin air quality issues. Your time will help return the aircraft to service quickly and prevent a repeat of this problem. Thank you!

Form completed by: ☐ pilot ☐ cabin crew ☐ maintenance ☐ other: _____	Event date: (DD/MM/YYYY): _____ Airline: _____
Reporter name: _____ Employee no.: _____ Email or phone: _____ (preferred means of communication)	Aircraft type: _____ Aircraft no: _____ Flight no: _____ If not applicable, check here: ☐ City pair: _____ to _____ Total flight hours: _____

Abnormal conditions noted by: ☐ pilot(s) ☐ cabin crew ☐ passenger(s)

Incident type: ☐ airflow ☐ cabin pressure ☐ contaminant(s) ☐ humidity ☐ insecticides (disinsection) ☐ thermal ☐ other: _____

Recent history of similar conditions on same a/c? ☐ yes ☐ no ☐ don't know

Number of days since last related logbook entry: _____

Air supply source: ☐ APU ☐ engines ☐ don't know ☐ high pressure ground air ☐ preconditioned air ☐ other: _____

Altitude (if known): _____

Recent aircraft service history: ☐ aircraft deiced ☐ maintenance activity ☐ pesticide application ☐ unknown service history ☐ engine/APU oil serviced ☐ hydraulic fluid serviced ☐ other: _____ ☐ none

ECS configuration: ☐ known ☐ unknown

If known, describe options for packs/bleeds configuration: _____

_____

Packs/bleed configuration? ☐ normal ☐ abnormal ☐ don't know

Was ECS modified from original design? ☐ yes ☐ no ☐ don't know

Number of engine/APU/airframe flight cycles if known:

_____/_____/_____

Phase(s) of flight: ☐ gate ☐ engine start ☐ taxi out ☐ take off ☐ climb ☐ top of climb ☐ cruise ☐ top of descent ☐ descent ☐ landing ☐ taxi in ☐ gate

Estimated duration of incident: _____ (hrs.) _____ (mins.) _____(sec.)

Locations: ☐ cabin; if cabin → ☐ forward ☐ mid ☐ aft ☐ flight deck

If more than one location is checked, then circle the location where the condition was most noticeable.

If incident type = airflow: ☐ insufficient airflow ☐ draftiness ☐ noisy ducts ☐ other: _____

If incident type = thermal: ☐ too hot ☐ too cold ☐ door seal draft ☐ other: _____

If incident type = contaminant(s):

Fumes/odor? ☐ yes ☐ no

Visible smoke/haze? ☐ yes ☐ no

Describe any odor:

☐ acrid ☐ deicing ☐ dirty socks ☐ electrical ☐ exhaust ☐ fuel ☐ musty/moldy ☐ oily ☐ pungent/foul ☐ other: _____

If incident type = insecticides/disinsection:
- ☐ can spray application
- ☐ residual treatment
- ☐ don't know

If residual treatment, hours/days since application: _____

Cabin surfaces dry/odor free?
- ☐ yes
- ☐ no
- ☐ don't know

Crew bunks dry/odor free?
- ☐ yes
- ☐ no
- ☐ don't know

If can spray, applicator was
- ☐ agriculture agent
- ☐ cabin crew
- ☐ other: _____

Apparent source?
- ☐ air supply vent(s)
- ☐ carry on item
- ☐ electrical
- ☐ galley
- ☐ cargo
- ☐ other: _____
- ☐ inflight entertainment system
- ☐ lav
- ☐ occupant
- ☐ unknown

If air supply vent(s) = apparent source, type of contaminant?
- ☐ bird
- ☐ deicing fluid
- ☐ exhaust
- ☐ fuel
- ☐ hydraulic fluid
- ☐ oil
- ☐ ozone
- ☐ pollution/ash
- ☐ unknown
- ☐ other: _____

All incidents: symptoms reported?
- ☐ yes
- ☐ no
- ☐ don't know

Symptoms reported by:
- ☐ pilot(s)
- ☐ cabin crew
- ☐ maintenance

Passenger(s) reported symptoms?
- ☐ yes ⇒ if yes, seat(s)_____
- ☐ no
- ☐ don't know

Passenger comments? _____

_____

Symptoms (if applicable)	Pilot(s)	Cabin crew	Maintenance	Passenger(s)
Abnormal taste				
Dizziness/fainting				
Fatigue/weakness				
Headache				
Irritated eyes/nose/throat				
Mental fog/slowed thinking				
Nausea/stomach cramping				
Tingling lips/fingers/toes				
Other:				

Emergency equipment used? ☐ yes; if yes, then ☐ no ☐ don't know

If yes, describe in table opposite. Also, can provide additional comments on equipment usage here: _____

_____

_____

	O_2 mask	Smoke goggles	PBE	Portable O_2 bottle	Fire extinguisher	Pax masks
Captain						
First officer						
Cabin crew						
Passengers						

Smoke/fumes checklist utilized (pilots)? ☐ yes ☐ no ☐ don't know

If yes, did conditions improve? ☐ yes ☐ no ☐ don't know

Change in flight plan? ☐ none ☐ a/c removed from service ☐ diversion ☐ emergency evacuation ☐ emergency landing ☐ incident flight cancelled ☐ return to base ☐ return to gate ☐ other: _____

Medical assistance required? ☐ none ☐ pilots ☐ cabin crew ☐ maintenance ☐ passengers ☐ don't know

If yes, then type? ☐ emergency room ☐ medical advisory service ☐ medical clinic ☐ onboard medical assistance ☐ paramedics ☐ other: _____

Emergency responders met the aircraft? ☐ yes ☐ no ☐ don't know

If yes, then type? ☐ fire department ☐ law enforcement ☐ paramedics ☐ other: _____

Maintenance fault/source identified? ☐ yes ☐ no ☐ don't know

Maintenance action(s), if known: _____

_____

Narrative description of incident/additional comments (can continue on back of page):

ASME B16.3-~~2011~~ 20XX

(Revision of ASME B16.3-~~2006~~) 2011

PROPOSED REVISION OF:

Malleable Iron Threaded Fittings

Classes 150 and 300

Draft Date 06/2016

material temperature is the same as the fluid temperature. Use of a pressure rating at a material temperature other than that of the contained fluid is the responsibility of the user and subject to the requirements of any applicable code.

(d) Class 300 street elbows are not recommended for pressures above 600 psi.

4 SIZE

4.1 Nominal Pipe Size

As applied in this Standard, the use of the phrase "nominal pipe size" or the designation NPS followed by a dimensionless number is for the purpose of identifying the end connection of fittings. The number is not necessarily the same as th

4.2 Reducing Fittings

For reducing tees, cross the size of the largest run followed by the size of the of the run. Where the fittin the size of the outlet is g is a cross, the largest side dimension given, followed straight-line sketches of Fi ing fittings are read.

5 MARKING

5.1 Class 150 Fittings

Each Class 150 fitting sh tion with the manufacture

5.2 Class 300 Fittings

Each Class 300 fitting sh tion with

(a) the manufacturer's r
(b) the numerals "300"
(c) the letters "MI" to designate malleable iron
(d) the size
(e) other markings as permitted by MSS SP-25

6 MATERIAL

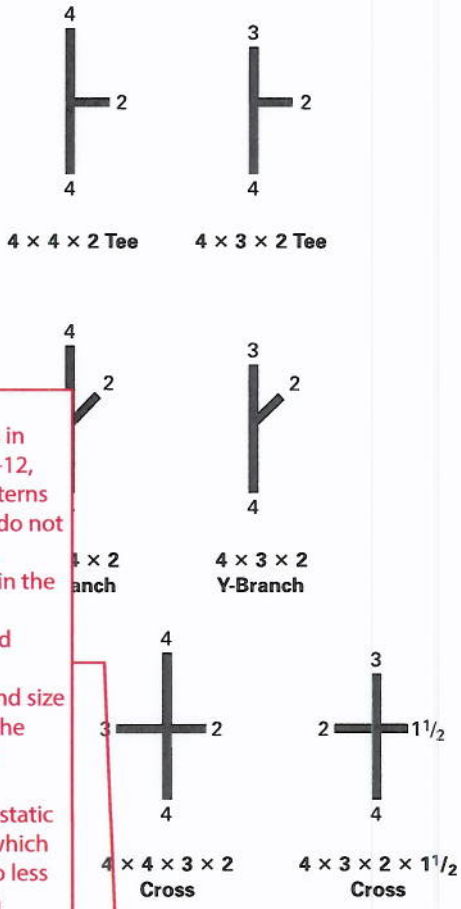
6.1 Malleable Iron

The chemical and physical properties of the castings shall be in accordance ~~with~~ ASTM A197. The manufacturer shall be prepared to certify that the product has been so produced.

6.2 Steel

Class 150 couplings and caps in NPS $\frac{1}{8}$, $\frac{1}{4}$, and $\frac{3}{8}$ may be made from steel rod or bar with a minimum yield strength of 30 ksi at the manufacturer's option.

Fig. 1 Identification of Reducing Fittings



7.2 Reducing Fittings

7.2.1 The dimensions of reducing fittings shown in Tables 4, 5, 8, 12, 13, and 15 (Tables I-4, I-5, I-8, I-12, I-13, and I-15) are for use only when making patterns for the specific reducing fitting in question and do not apply when a larger size pattern is reduced (i.e., "bushed") to make the reduction or reductions in the fitting. Reducing pipe fitting patterns shall be designed to produce wall thicknesses, detail, and dimensions as required for the sizes involved.

7.2.2 The transition in wall thickness from one end size to another shall be in a manner that minimizes the addition of stress caused by sudden changes in direction or wall thickness.

7.2.3 Proof of design shall be verified by a hydrostatic pressure test made at ambient temperature in which pressure is applied for a continuous period of no less than one (1) minute and at a constant minimum pressure of no less than five (5) times the pressure rating of the largest size of end connection in the reducing fitting. Testing is considered successful only when no evidence of cracking, fracturing, or leakage is exhibited after holding for at least the minimum time at or above the required pressure.

AND TOLERANCES

Tables 2 and I-2 are for center-to-end ittings. Center-to-end dimensions in ven for both straight and reducing fittings in Tables 3 through 18 (Tables I-3 through I-18 are in U.S. Customary units). The sketches of fittings shown in this Standard are representative and for the purpose of illustration.

7.2 Reducing Fittings

~~The dimensions in Tables 3 through 18 (Tables I-3 through I-18) of reducing fittings are for use only when making patterns for the specific reducing fitting in question and do not apply when a larger size pattern is bushed to make the reducing fitting wanted.~~

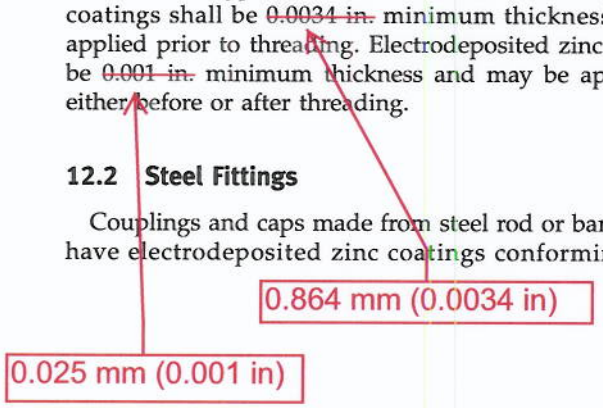
7.3 Tolerances

It is recognized that some variations are absolutely unavoidable in the making of patterns and castings. The following tolerances shall apply.

have an electrodeposited zinc coating conforming to ASTM B633, Type I, Service Condition 4. Hot-dipped coatings shall be ~~0.0034 in.~~ minimum thickness and applied prior to threading. Electrodeposited zinc shall be ~~0.001 in.~~ minimum thickness and may be applied either before or after threading.

12.2 Steel Fittings

Couplings and caps made from steel rod or bar may have electrodeposited zinc coatings conforming to ASTM B633, Type I, Service Condition 4. The electrodeposited coatings may be applied either before or after threading.



12.3 Other Coatings

Other coatings specified by the purchaser shall be furnished meeting the agreed requirements.

[Note – the changes are seen below using strikeout for removal of old text and gray highlights to show the suggested text. ONLY the highlighted text is within the scope of this ballot.]

NSF/ANSI Standard
for Drinking water treatment units –
Aesthetic effects

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Annex E
(normative)

Test method for evaluating squeeze bottle drinking water treatment units

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E.4 Sampling

~~For systems that include a performance indication device~~ ~~s~~Samples shall be collected from the first fill of the bottle~~, and at 25, 50, 75, 100, and 120% of claimed capacity. For systems that do not include a performance indication device samples shall be collected from the first fill of the bottle, and at 50, 100, 150, 180, and 200% of capacity.~~ Effluent samples shall be collected from the entire volume dispensed during multiple sequential on/off cycles until the required volume for analysis is collected. Influent samples shall be collected from a sampling port located immediately prior to the test units connection.

Reason: Removed incorrect sampling plan per 2016 DWTU JC meeting discussion (May 11, 2016). This sampling plan was incorrectly taken from NSF/ANSI 53 which samples to 200% of capacity. NSF/ANSI 42 claims are tested to 100% of capacity and sampling requirements are listed under section 7.

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NSF/ANSI Standard
for Drinking Water Treatment Units —

Drinking water treatment units —
Health effects

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Annex G
(normative)

Test method for evaluating squeeze bottle drinking water treatment units

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G.4 Sampling

~~For systems that include a performance indication device s~~Samples shall be collected from the first fill of the bottle~~, and at 25, 50, 75, 100, and 120% of claimed capacity. For systems that do not include a performance indication device samples shall be collected from the first fill of the bottle, and at 50, 100, 150, 180, and 200% of capacity.~~ Effluent samples shall be collected from the entire volume dispensed during multiple sequential on/off cycles until the required volume for analysis is collected. Influent samples shall be collected from a sampling port located immediately prior to the test units connection.

Reason: Removed redundant language that is already specified under section 7.

NSF/ANSI - 49
Biosafety Cabinetry: Design, Construction, Performance, and Field Certification

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Annex G[43]
(informative)

~~G.1 Recommended microbiological decontamination procedure~~[44]

~~G.1.1 Microbiological decontamination~~

~~Space decontamination is mandatory when maintenance work, filter changes, and performance tests require access to any contaminated portion of the cabinet. All work surfaces and exposed surfaces should be decontaminated with a suitable surface disinfectant before certification tests are performed and before gaseous decontamination takes place. In addition, it may be desirable to perform gaseous decontamination of the entire cabinet before performing certification tests when the cabinet has been used with agents assigned to biosafety level 2, and is recommended when the cabinet has been used with an agent assigned to biosafety level 3. A qualified safety and risk assessment of cabinets potentially contaminated with biological agents should be performed by a biosafety officer or qualified safety professional. Appropriate decontamination (space and/or surface) should be performed before BSCs are moved to another location. Additionally, after spills and splashes of research agents, contaminated surfaces should be suitably decontaminated.~~

~~G.1.2 Certification of cabinet decontamination~~

~~BSCs must be decontaminated prior to decommissioning and salvage, before physically moving the cabinet and whenever maintenance work or filter changes or performance tests require access to any contaminated portion of the cabinet.~~

~~G.1.2.1 Biological decontamination~~

~~Surface decontaminate accessible work surfaces with either chlorine dioxide or formaldehyde. Rinse work surfaces with water and then wipe dry. Use formaldehyde gas or an acceptable alternative space decontamination procedure to decontaminate the HEPA/ULPA filters and cabinet interior spaces Remove and discard all HEPA/ULPA filters and any prefilters. Rinse work surfaces with water and wipe dry.~~

~~G.1.2.2 Chemical, radiological, oil, or heavy metal decontamination~~

~~Surface decontaminate accessible work surfaces with an appropriate disinfectant and/or cleaning agent wipe down. Use formaldehyde gas or an acceptable alternative space decontamination procedure if biological agents may be present. Rinse work surfaces with water and wipe dry. Remove and discard all HEPA/ULPA filters and any prefilters.~~

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[43] 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. Therefore, 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.

[44] ~~Taylor, L. A., Barbeito, M. S., Gremillion, G. G., 1969. "*Paraformaldehydes for Surface Sterilization and Detoxification*." Applied Microbiology 17:614-618.~~

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Annex G[43]
(informative)

G.1 Recommended biosafety cabinet decontamination procedure[44]

G.1.1 Decontamination

Biosafety cabinet decontamination is one of many critical components to the health and safety of lab personnel, the environment and the general public. Before performing any decontamination activity the compatibility of the decontamination process to the BSC, the effectiveness against possible contaminants and the potential health risks to personnel must be determined. Proper PPE should be worn as specified within the safety data sheets (SDSs) or determined by a qualified safety professional. BSCs should be decontaminated before and after each use, prior to re-location, servicing, and/or decommissioning. Both surface and space decontamination activity should be considered as potential decontamination strategies. Surface decontamination, performed by applying a chemical disinfectant to accessible BSC surfaces should be used in routine practice. Space decontamination, performed using a gas or vapor sterilant, is typically reserved for areas that are unreachable or inaccessible within the BSC such as internal air plenums, motor blowers and HEPA/ULPA Filters. The following describes decontamination strategies that can assist in eliminating the transmission of infectious agents and hazardous substances outside of the biosafety cabinet.

G.1.1.1 Surface decontamination

All surfaces and exposed areas of the cabinet work area should be surface decontaminated with a suitable disinfectant or neutralizing agent. Surface decontamination of the biosafety cabinet should be completed at least before and after work, prior to cabinet certification and before any space decontamination activity described below. Disinfecting the cabinet work area, work surface and any equipment used before and after every procedure will not only assist in minimizing the transmission of hazardous substances but also prevent a buildup of deposits over time, simplifying future decontamination activities.

Many common surface disinfectants can be used for microbial decontamination, including quaternary-ammonium compounds, iodophors, ethanol, phenol compounds and isopropanol. Hypochlorite (chlorine bleach) in diluted concentrations e.g. 10%, is commonly used as a surface disinfectant, however caution should be used as chlorine bleach can cause pitting and/or cracking of stainless steel if not completely removed from the metal surface. If using chlorine bleach as a surface disinfectant always follow up with a sterile water rinse and wipe all surfaces completely dry.

For the removal or detoxification of chemicals used within the BSC, organic solvents such as alcohols, ethers, ketones, aromatics, straight-chain alkanes, and common petroleum products can be used.

Whichever surface disinfectant is chosen, first check the SDS and/or with a qualified safety professional for proper PPE, compatibility with chemicals, agents and equipment before use.

Additional information can be reference in Annex E, Section E.6.3 Surface disinfectants

G.1.1.2 Space decontamination

Access to unreachable contaminated areas of the BSC may require a space decontamination using an approved sterilant. Space decontamination using a gas or vapor sterilant may be advised to have complete decontamination of all components of the BSC. Common sterilants include formaldehyde, hydrogen peroxide, and chlorine dioxide. Prior to use a safety and risk assessment of the biosafety cabinet's biological agents and compatibility should be performed by a biosafety officer or qualified safety professional. It may be desirable to perform a space decontamination of the entire cabinet before performing certification tests, service activities such as HEPA/ULPA filter replacement or troubleshooting if the BSC has been used with agents assigned to risk group 2 or higher.

Whichever space decontamination sterilant is chosen, first check the SDS and/or with a qualified safety professional for proper PPE, compatibility with chemicals, agents and equipment before use.

[43] 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. Therefore, 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.

For additional information on cleaning and disinfecting stainless steel, please refer to: "Decontamination, Sterilization, Disinfection, and Antisepsis," Vesley, Donald and Lauer, James L., *Laboratory Safety Principles and Practices, Second Edition*, 1995, Fleming, D.O., Richardson, J.H., Tulis, J.J. and Vesley, D., editors, ASM Press, Washington, D.C., pp. 219-237; *Biosafety Reference Manual*, Second Edition, 1995, Heinsohn, P.A., Jacobs, R.R. and Concoby, B.A., editors, AIHA Publications, pp.101-110; and "CDC Guideline for Disinfection and Sterilization in Healthcare Facilities", 2008, Rutala, W.A., Weber, D.J., and the Healthcare Infection Control Practices Advisory Committee (HICPAC), CDC, www.cdc.gov/hicpac/pdf/guidelines/Disinfection_Nov_2008.pdf

DECONTAMINATION FORM (Sample)

BSC MODEL Number ____ Serial Number _

1. Check each type of hazardous material that has been used or is contained in this equipment. If there has been no contamination, check "NONE" for each hazard.

2. List decontamination procedure and product used for decontamination

3. Indicate biosafety level of facility where cabinet was used:

BSL1 _ BSL2 __ BSL3 ____ BSL4 ____ Not applicable _____

4. Complete and sign the certification below,

CONTAINED HAZARD (v')	DECONTAMINATION PROCEDURE	NONE	HAZARD TYPE
			BIOLOGICAL
			CHEMICAL
			RADIOLOGICAL
			OIL, HEAVY METAL (e.g. lead, mercury, or other hazardous material.

I hereby certify that this equipment has been decontaminated and thoroughly cleaned in accordance with the appropriate procedures (or that the equipment has not been used with any of the materials listed above).

_____ _____
Signature of last user or biosafety officer Date

_____ _____
Name (PLEASE PRINT) Title

_____ _____
Room Number Phone Number

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BSR/SPRI RP-14-201x

Wind Design Standard
For Vegetative Roofing Systems

Substantive Change

2.3.1 Nominal Vegetation Coverage

No area greater than a ~~5~~ 4 inches (~~127~~ 102 mm) diameter of exposed growth media.

Rationale:

Revise to agree with coverage recommended in reference 32: Retzlaff, B., Cleik, S., Morgan, S., Luckett, K., Graham, M., "Wind Uplift of Green Roof Systems" Southern Illinois University, Edwardsville. March 2009.

Substantive Change

4.1 Roof Membrane Attachment

All roof membrane shall be fully adhered. (See Commentary C4.3 for description.) The fully adhered roofing membrane shall withstand the uplift design pressure without the ballast ballast in accordance with the requirements of the authority having jurisdiction.

Rationale:

This statement was added to address a negative that requested that specific test standard be identified for testing the uplift pressure of the roof assembly. Instead of identifying specific tests the added statement leaves it up to the authority having jurisdiction.

Substantive Change

~~**4.4 Vegetative Roofing System Using A Fully Adhered Membrane Roofing System**~~

~~See Commentary C4.3 for description.~~

~~**4.4.1 System 1, System 2 and System 3**~~

~~When the design criteria based on wind speed, building height, and parapet height and exposure, require a System 1, System 2 or System 3 design, the ballasting procedures for that respective system shall be according to Sections 4.2.1, 4.2.2 and 4.2.3 respectively.~~

~~**4.4.2 Wind Speed Coverage**~~

~~The wind speed allowed for System 1 and System 2 as defined in Sections 4.2.1 and 4.2.2 shall be increased 10 mph (4.5 m/s) over the stated values in Table 2.~~

Rationale:

The standard is being revised to apply only to adhered assemblies. Therefore, no call-out is necessary for adhered systems.

Substantive Change – Revise maximum allowable wind speeds to 140 mph (63 m/s) to be consistent with Section 3.10.

A. From 2 inch high to less than 6.0 inch high parapet
Maximum Wind Speed (MPH)

~~Roof~~BLDG HT. FT.	System 3 Exposure B
0-15	~~150~~140
15-30	~~150~~140
30-45	~~150~~140

B. For parapet heights from 6.0 to less than 12.0 inches
Maximum Wind Speed (MPH)

~~Roof~~BLDG HT. FT.	System 3 Exposure B
0-15	~~150~~140
15-30	~~150~~140
30-45	~~150~~140
45-60	~~150~~140

C. For parapet heights from 12.0 to less than 18.0 inches
Maximum Wind Speed (MPH)

~~Roof~~BLDG	System 3	
HT. FT.	Exposure C	Exposure B
0-15	~~150~~140	~~150~~140
15-30	~~150~~140	~~150~~140
30-45	~~150~~140	~~150~~140
45-60	140	~~150~~140

D. For parapet heights from 18.0 to less than 24.0 inches
Maximum Wind Speed (MPH)

~~Roof~~BLDG	System 3	
HT. FT.	Exposure C	Exposure B
0-15	~~150~~140	~~150~~140
15-30	~~150~~140	~~150~~140
30-45	~~150~~140	~~150~~140
45-60	~~150~~140	~~150~~140
60-75	~~150~~140	~~150~~140

E. For parapet heights from 24.0 to less than 36.0 inches
Maximum Wind Speed (MPH)

~~Roof~~BLDG	System 3	
HT. FT.	**Exposure C**	**Exposure B**
0-15	~~150~~140	~~150~~140
15-30	~~150~~140	~~150~~140
30-45	~~150~~140	~~150~~140
45-60	~~150~~140	~~150~~140
60-75	140	~~150~~140
75-90	140	~~150~~140
90-105	130	~~150~~140
105-120	130	~~150~~140
120-135	130	~~150~~140

F. For parapet heights from 36.0 to less than 72 inches
Maximum Wind Speed (MPH)

~~Roof~~BLDG	System 3	
HT. FT.	**Exposure C**	**Exposure B**
0-15	~~150~~140	~~150~~140
15-30	~~150~~140	~~150~~140
30-45	~~150~~140	~~150~~140
45-60	~~150~~140	~~150~~140
60-75	~~150~~140	~~150~~140
75-90	~~150~~140	~~150~~140
90-105	~~140~~140	~~150~~140
105-120	140	~~150~~140
120-135	140	~~150~~140
135-150	140	~~150~~140

G. For parapet heights from 72 inches and above
Maximum Wind Speed (MPH)

~~Roof.~~BLDG	System 3	
HT. FT.	**Exposure C***	**Exposure B**
0-15	~~150~~140	~~150~~140
15-30	~~150~~140	~~150~~140
30-45	~~150~~140	~~150~~140
45-60	~~150~~140	~~150~~140
60-75	~~150~~140	~~150~~140
75-90	~~150~~140	~~150~~140
90-105	~~150~~140	~~150~~140
105-120	140	~~150~~140
120-135	140	~~150~~140
135-150	140	~~150~~140

Rationale:

The maximum allowable wind speeds were revised to 140 mph (63 m/s) to be consistent with Section 3.10 High Winds. Metric tables will be changed accordingly.

BSR/UL 136, Standard for Pressure Cookers

1. Expand the Scope of UL 136 to Include Pressure Cooker Operating Greater than 15 psig but Less than 50 psig

1.1 These requirements cover household-type cooking utensils known as pressure cookers or pressure sauce pans which operate at a nominal pressure of ~~15 psig (103 kPa)~~ 50 psig (344.7 kPa) or less. They are intended for use over gas- or electric-top burners of residential-type cooking ranges.

BSR/UL 583, Standard for Electric-Battery-Powered Industrial Trucks

1. Removal of marking requirements for supplying an electrical schematic with the truck

PROPOSAL

29 Details

29.1 Each industrial truck shall be marked where it will be visible with the following:

a) Name or trademark of the manufacturer.

b) One of the following Type designations:

i) Type E

ii) Type CGH

iii) Type E or CGH

iv) Type ES

v) Type EE

c) Catalog designation or equivalent identification.

d) Battery nominal voltage, maximum ampere-hour capacity and the hour rating at which this capacity is determined. Fuel cell catalog number or the equivalent, output electrical rating in nominal system volts, maximum continuous amperes, and the maximum VA. The dimensions or dimensional limits of the batteries or fuel cell that may be used.

~~*Exception No. 1: The information pertaining to battery dimensions or dimensional limits may be part of the schematic or pictorial circuit-wiring diagram required by 29.2.*~~

Exception ~~No. 2:~~ An industrial truck that is designed to utilize both a battery and fuel cell shall include both ratings.

e) Maximum rated load in pounds, including type and position of loading, as follows:

1) Platform or pallet truck - low-lift and nonelevating: Load rating in pounds, with load center near the center of the load engaging means.

2) Platform truck - high-lift: Load rating in pounds at a specified load center that the truck can transport and stack to a height established by the truck manufacturer.

3) Crane truck: Lifting rating in pounds and distance in feet measured in a horizontal plane from the hook to the pivot point of the mast or boom.

4) Fork lift truck: Load hauling rating in pounds, lift height, and location of load center in inches from vertical surface of forks when in a vertical plane.

5) Tractor: Draw-bar pull in pounds.

6) Combination truck: The appropriate combination of ratings as required for two or more of the foregoing types.

f) Replacement fuse size located on or adjacent to fuseholders.

g) The grade in percentage - 1, 2, 3, or 4 - that the truck is designed to ascend if less than 5 percent. See 29.3.

h) For a truck that does not provide the required battery enclosure, the following or the equivalent: "Use a Type - battery," The types of batteries intended for use with the truck shall be inserted in the blank.

~~29.2 A schematic or pictorial circuit-wiring diagram shall be furnished with each truck.~~

~~52.2 A schematic or pictorial circuit-wiring diagram shall be furnished with each truck.~~

~~58.2 A schematic or pictorial circuit-wiring diagram shall be furnished with each truck.~~

2. LVLE qualification of a regulating network

PROPOSAL

19.6 If a regulating network is used to limit the output under any conditions, the ~~performance~~ LVLE current limitation in Table 19.1 shall not be affected by malfunction of a single component, excluding resistors. The network shall comply with the value in Table 19.1.

3. Revision to grounding of a truck

PROPOSAL

8.4 No part of the frame or enclosure of a truck shall be in electrical contact with current-carrying parts or be used as a part of the electrical circuit.

Exception: For a truck system having a nominal ~~24-volt~~ 60-volt or lower rating, the frame of the truck is permitted to be used as a part of the electrical circuit when the circuit is protected by:

a) An overcurrent device (see Section 13, Overcurrent Protection); or

b) A disconnect switch or connector that is positive in action and readily and quickly operable by the driver from the normal driving position.

4. Revision to allow generators under motors and electromechanical brakes

PROPOSAL

9 Motors/Generators and Electromechanical Brakes

9.1 Motors/generators shall comply with the spacing requirements in the Standard for Rotating Electrical Machines - General Requirements, UL 1004-1.

Exception: A motor/generator located in an LVLE circuit is not required to comply with this requirement.

9.2 Motors/generators shall comply with the performance requirements in Section 10, Motors.

Exception No. 1: A motor/generator located in an LVLE circuit is not required to comply with this requirement.

Exception No. 2: A motor/generator that complies with the requirements within the Standard for Rotating Electrical Machines - General Requirements, UL 1004-1, is acceptable when used within its acceptable insulation systems ratings.

9.3 When lead wires of a motor/generator do not pass out of the motor/generator directly into an acceptable raceway, or when they are brought out through the motor/generator case, they shall pass through openings as defined in 12.10.

9.4 Electromechanical brakes shall comply with Part XVI, Miscellaneous Devices, of the Standard for Industrial Control Equipment, UL 508.

Exception: An electromechanical brake located in an LVLE circuit is not required to comply with this requirement.

9.5 A terminal for a motor/generator or an electromechanical brake shall comply with the requirements in 11.3 and 11.4.

10 Motors/Generators

10.1 A motor/generator shall comply with the requirements in Section 24, Dielectric Voltage Withstand, immediately after being removed from an air circulating oven for a period of 7 hours and maintained at a temperature of 175°C (347°F). The potential shall be applied between the terminals and the motor frame.

10.2 Motors/generators complying with 10.1 need not comply with the barrier requirements of 18.2.

5. Revision to dielectric voltage withstand to allow multiple energy sources on trucks

PROPOSAL

24.1 Immediately after the Temperature Test, a truck shall withstand for 1 minute, without breakdown the application of a sinusoidal potential of 1000 V plus twice rated voltage if the truck is rated more than 72 V, or 500 V otherwise within a frequency range of 40 - 70 Hz. The test potential is to be applied between the current-carrying parts and the frame, with ~~the battery~~ all batteries disconnected, and with all current-carrying parts normally connected to the frame disconnected.

Exception: For a dc circuit, either an alternating-current or a direct-current potential may be used. When a direct current potential is used, the potential is to be the value indicated, multiplied by 1.414.

6. Revision to define the power source for Type EE trucks

PROPOSAL

31 General

31.1 A Type EE truck shall comply with the construction requirements for a Type E truck and, in addition, shall comply with the construction requirements in Sections 32 - 38.

Exception: A Type EE truck shall not be powered by fuel cells, as defined by the Standard for Fuel Cell Power Systems for Installation in Industrial Electric Trucks, UL 2267.

BSR/UL 1004-5, Standard for Fire Pump Motors

1. Alternative to the Drip Proof Test

PROPOSAL

4.1 A fire pump motor enclosure shall be rated a minimum of ~~Type 2, Dripproof,~~ Type 2 (drip proof), IPX2, or higher, or shall be provided with the instructions specified in 12.1 to indicate a ~~Type designation~~ Type 2 or equivalent drip proof enclosure is required for the use environment. ~~The Type designation shall be in accordance with the Standard for Enclosures for Electrical Equipment, Environmental Considerations, UL 50E.~~

12.1 When the motor enclosure is not rated ~~Type 2, Dripproof, or rated to provide a higher level of protection, then~~ a minimum of Type 2 (drip proof) or IPX2 or higher, instructions shall be provided to inform the user that the motor is to be installed in a Type 2~~, dripproof~~ (drip proof) environment.

2. Expand scope of UL 1004-5 to include larger Horsepower, Single phase motors, and motors rated using IP codes of IPX2

PROPOSAL

1.2 This Standard covers ~~Design B polyphase~~ motors~~, as defined in NEMA MG 1, Motors and Generators, rated 500 horsepower (373 kW) or less, 600 volts or less,~~ that are intended for use in ~~accordance with NFPA 20, the Standard for the Installation of Centrifugal Fire Pumps~~ fire pump applications as defined by NFPA 20, the Standard for the Installation of Stationary Pumps for Fire Protecion.

10.2 The motor locked-rotor torque, breakdown torque, and pull-up torque shall be equal to or greater than the values in Table 10.1, Table 10.2, and Table 10.3.

Exception No. 1: Single-phase motors built using a NEMA two-digit frame size and marked in accordance with 11.4 shall comply with the locked-rotor torque, breakdown torque, and pull-up torque limits in NEMA MG-1, Part 12: Test and Performance - AC Motors for Design N.

Exception No. 2: Single-phase motors built using a NEMA three-digit frame size and marked in accordance with 11.5 shall comply with the locked-rotor torque, breakdown torque, and pull-up torque limits in NEMA MG-1, Part 12: Test and Performance - AC Motors for Design L.

~~11.3 Fire pump motors in accordance with Exception 1 of 10.2 shall be marked "IEC Design N" or equivalent.~~

BSR/UL 2594, *Standard for Safety for Electric Vehicle Supply Equipment*

3. Revision to the Mold Stress-Relief Distortion Test

PROPOSAL

66.2 The sample shall be placed in an air circulating oven at a temperature equal to 10 degrees higher than the maximum temperature observed adjusted based on maximum operating ambient temperature) on the enclosure during the temperature test, but not less than 70°C (158°F) for all fastened-in place equipment. For EV cord sets, the minimum test temperature shall not be less than 90°C (194°F). The sample shall be conditioned in the oven for 7 hours.

5. EVSE with Smart Grid Capability

PROPOSAL

6.1.5 In the United States, EV Power Supply Cords provided with smart grid functionality shall have this smart grid function evaluated in accordance with Annex A, Ref. No. 7 if a malfunction of this capability could cause a risk of fire, shock, or injury. In Canada and Mexico, this does not apply.

6. Addition of 50 Hz Ratings in the Scope

PROPOSAL

45.2 ~~A device covered by these requirements is only allowed to be rated for a frequency of 60 Hz. All tests will be performed with a source at this frequency.~~Except as indicated in 45.2.1, a unit marked with a dual frequency rating such as 50/60 hertz or a frequency range such as 50 - 60 hertz, shall have tests conducted at either frequency covered by the marking.

8. Revisions to Clarify that the Definitions Apply to All Vehicle Technologies

PROPOSAL

5.13 ELECTRIC VEHICLE (EV) - An over-the-road automotive type vehicle for highway use, such as a passenger automobile, bus, truck, van, or similar vehicle, which receives primary or supplementary propulsion power from an electric motor that draws current from a rechargeable storage battery.

9. Editorial Changes to the Definitions

PROPOSAL

5.15 ELECTRIC VEHICLE (EV) PLUG - A ~~unique~~ device intended to ~~receive~~ transfer power when inserted into an electric vehicle receptacle, which establishes connection between conductors of the attached EV cable and the conductors connected to the EV receptacle. See Annex A, Ref. No. 5.

5.16 ELECTRIC VEHICLE (EV) RECEPTACLE - A ~~unique~~ device that is intended to provide power to an inserted EV plug. This device would be installed at the output of electric vehicle supply equipment. See Annex A, Ref. No. 5.

13. Changes to Product Designations

PROPOSAL

(CURRENT)

1.2 With reference to 1.1, the electric vehicle supply equipment covered by this Standard includes :

~~a) Portable EV Cord Sets - Rated 125 Vac maximum, 20 A maximum, intended for indoor and outdoor use;~~

~~b) Stationary EV Cord Sets - Rated 125 Vac maximum, 20 A maximum, intended for indoor and outdoor use;~~

~~c) Stationary EV Cord Sets - Rated 250 Vac maximum, 40 A maximum, intended for indoor use only;~~

~~d) Movable EV Charging Stations - Rated 125 Vac maximum, intended for indoor and outdoor use;~~

~~e) Movable EV Charging Stations - Rated 250 Vac maximum, 40 A maximum, intended for indoor use only;~~

~~f) Permanent EV Charging Station - Rated 600 Vac maximum, intended for indoor or indoor/outdoor use; or~~

~~g) Permanent EV Power Outlet - Rated 600 Vac maximum, intended for indoor or indoor/outdoor use.~~

EV Power Outlets provide a receptacle where one did not previously exist.

For Mexico, use 127 Vac where 120 or 125 Vac is referenced in this Standard. In Canada and the United States, this does not apply.

(PROPOSED)

1.2 With reference to 1.1, the following list of examples of electric vehicle supply equipment are included in this Standard:

a) EV Cord Sets - Rated 125 Vac maximum, 16 A maximum, intended for indoor and outdoor use;

b) Fastened in place EV Charging Stations - Rated 250 Vac maximum, 40 A maximum, intended for indoor or outdoor use;

c) Fixed in place EV Charging Stations - Rated 600 Vac maximum, intended for indoor or indoor/outdoor use; and

d) Fixed in place EV Power Outlet - Rated 600 Vac maximum, intended for indoor or indoor/outdoor use.

For Mexico, use 127 Vac where 120 or 125 Vac is referenced in this Standard. In Canada and the United States, this does not apply.

5.20A **FASTENED IN PLACE** - A mounting means for EVSE which is specifically designed to permit periodic removal of the EVSE for relocation, interchangeability, maintenance or repair without the use of a tool.

5.20B **FIXED IN PLACE** - A mounting means for EVSE that requires a tool to remove the EVSE from its mounted position.

21. Revision to Requirements for the Fastening in Place of Cord-Connected Products Rated Higher than 125 V ac

PROPOSAL

6.4.1 Cord- and plug-connected products rated above 125 V ac, 20 A shall be provided with a means for fastening the product in place in accordance with Annex A, Ref. No. 1.

24. Automatic De-Energization of Cable

PROPOSAL

13.1.14 External connections at the output of fastened in place or fixed in place EV supply equipment or at the vehicle connector of such equipment shall be protected by a means that de-energizes the cable conductors and vehicle connector upon exposure to a strain that results in a short circuit, separation of the cable from the EV supply equipment or the vehicle connector, or access to uninsulated hazardous live parts. In addition, there shall be no exposure to live parts after de-energization occurs. If breakaway couplings are used, they shall comply with Annex A, Ref. No. 5. The means of de-energization shall be achieved through design or construction that is validated by inspection, or the product shall be subjected to the Automatic De-Energization of Cable Test, Section 72B.

72B Automatic De-Energization of Cable Test

72B.1 During or after the test, there shall be no access to hazardous live parts, and there shall be no indication of a risk of electric shock or fire. In the case of fixed in place EVSE, the EVSE shall not be pulled from its mounted position during this test.

72B.2 The enclosure is to be mounted using the designed mounting system, according to the manufacturer's installation instructions using the hardware and construction as prescribed by the manufacturer. For wall mounted devices, if the details of mounting are not specified, 9.5 mm (3/8 inch) thick plasterboard (drywall) on nominal 5 by 10 cm (2 by 4 inch) trade size wood studs spaced on 406 mm (16 inch) centers is to be used as the support surface. The hardware is to be applied as specified in the instructions, and if not otherwise indicated, the securing screws are to be positioned between the studs and secured into the plasterboard. Adjustable equipment is to be adjusted to the position that will give the maximum progression from the wall. For the purposes of this test, the height from grade is not specified and is to be any height that is suitable for applying the test force.

72B.3 For this test, the EVSE is to be supplied with any convenient length of output cable to the electric vehicle and is to be terminated with a suitable vehicle connector. All wiring connections are to be as intended.

72B.4 For this test, the output cable to the electric vehicle is to be completely unwound from any cable management or storage position, and is to be held taut while the force is applied. The output cable to the electric vehicle is to be energized for this test.

72B.5 A pull force is to be applied to the output cable to the electric vehicle and its connections. The force is to be applied to the vehicle connector. The force is to be applied parallel to the floor in a horizontal direction perpendicular to the mounting surface. The force is to be gradually increased until one of the following occurs:

a) For fastened in place products, the output cable to the EV ruptures, breaks free from the EVSE, breaks free from the connector, or the EVSE is pulled from the wall and unplugs.

b) For fixed in place products, the output cable to the EV breaks or the vehicle connector breaks from the cable.

In all of these cases, the cable shall be de-energized within 2 seconds. The measurement shall be made at the point where the output cable to the EV is connected to the EVSE or a convenient measurement point on the load side of the disconnecting device.