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: May 22, 2016

NSF (NSF International)

Revision

BSR/NSF 14-201x (i74r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2015)

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

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Lauren Panoff, (734) 769-5197, lpanoff@nsf.org

NSF (NSF International)

Revision

BSR/NSF 14-201x (i75r1), Plastics Piping System Components and Related Materials (revision of ANSI/NSF 14-2015)

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

Click here to view these changes in full

Send comments (with copy to psa@ansi.org) to: Lauren Panoff, (734) 769-5197, lpanoff@nsf.org

NSF (NSF International)

Revision

BSR/NSF 49-201x (i86r1), 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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 67-201X, Standard for Safety for Panelboards (Proposal dated 04-22-16) (revision of ANSI/UL 67-2015)

Revisions to Service Barrier Requirements (Section 5.4).

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 583-201X, Standard for Safety for Electric-Battery-Powered Industrial Trucks (revision of ANSI/UL 583-2015a)

UL proposes to withdraw the proposal for UL 583 that added an exception for 17.1.2.

Click here to view these changes in full

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1569-201x, Standard for Safety for Metal-Clad Cables (revision of ANSI/UL 1569-2015)

The following are being proposed: (1) Revision to permit Ground/Bond conductor to be laid straight for MC Cable having interlocked armor that is intended for use as a ground path and to permit conductors sized 18 and 16 AWG in addition to the prescribed 14-6 AWG size range; (2) Revised length-of-lay requirement for the signal and/or control cables within a pre-cabled group.

Click here to view these changes in full

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

Comment Deadline: June 6, 2016

ANS (American Nuclear Society)

Reaffirmation

BSR/ANS 19.6.1-2011 (R201x), Reload Startup Physics Tests for Pressurized Water Reactors (reaffirmation of ANSI/ANS 19.6.1-2011)

This standard specifies the minimum acceptable startup reactor physics test program to determine if the operating characteristics of the core are consistent with the design predictions, which provides assurance that the core can be operated as designed.

Single copy price: $121.00

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 40.37-2009 (R201x), Mobile Low-Level Radioactive Waste Processing Systems (reaffirmation of ANSI/ANS 40.37-2009)

This standard provides design, fabrication, and performance criteria and guidance for Mobile Low-Level Radioactive Waste Processing (MRWP) systems (including components) for nuclear facilities. The purpose of this standard is to provide criteria to ensure that the MRWP systems are designed, fabricated, installed, and operated in a manner commensurate with the need to protect plant personnel and the health and safety of the public.

Single copy price: $146.00

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

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

Revision

BSR/ASHRAE Standard 16-201x, Method of Testing for Rating Room Air Conditioners, Packaged Terminal Air Conditioners and Packaged Terminal Heat Pumps for Cooling and Heating Capacity (revision of ANSI/ASHRAE Standard 16-1983 (R2014))

ASHRAE Standard 16-1983R (RA 2014) prescribes test methods for determining the cooling and heating capacity of room air conditioners, packaged terminal air-conditioners, and packaged terminal heat pumps.

Single copy price: $35.00

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

Order from: standards.section@ashrae.org

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

ASSE (ASC A10) (American Society of Safety Engineers)

New Standard

BSR/ASSE A10.43-201X, Confined Space Entry for Construction and Demolition Operations (new standard)

This standard sets forth the minimum elements and activities of a program that defines the duties and responsibilities of construction employers to be followed while entering, exiting, and working in confined spaces at normal atmospheric pressure.

Single copy price: $80.00

Obtain an electronic copy from: TFisher@ASSE.Org

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

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

AWWA (American Water Works Association)

Revision

BSR/AWWA C230-201x, Stainless-Steel Full-Encirclement Repair and Service Connection Clamps for 2 in. Through 12 in. (50 mm Through 300 mm) Pipe (revision of ANSI/AWWA C230-2011)

This standard describes fabricated full-encirclement stainless-steel band clamps for use in the repair or tapped service connection of potable-water, wastewater, and reclaimed-water piping systems. They are intended for nominal pipe sizes 2 in (50 mm) through 12 in (300 mm).

Single copy price: $20.00

Obtain an electronic copy from: vdavid@awwa.org

Order from: Paul Olson, (303) 347-6178, polson@awwa.org; vdavid@awwa.org

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

CSA (CSA Group)

Revision

BSR Z83.4-201x, 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)

Details test and examination of criteria for direct gas-fired industrial air heaters of the non-recirculating type, for use with natural, manufactured, and mixed gases; LP gases; and LP gas-air mixtures. A direct gas-fired industrial air heater of the non-recirculating type is described as a heater “whose purpose is to offset building heat loss. All air to the heater shall be ducted directly from outdoors and the products of combustion generated by the heater are released into the air stream being heated.”

Single copy price: Free

Obtain an electronic copy from: cathy.rake@csagroup.org

Order from: Cathy Rake, (216) 524-4990 x88321, cathy.rake@csagroup.org

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

CSA (CSA Group)

Revision

BSR Z83.18-201x, Non-Recirculating Direct Gas-Fired Heating and Forced Ventilation Appliances for Commercial and Industrial Application (revision of ANSI Z83.18-2015)

Details test and examination criteria for recirculating direct gas-fired industrial air heaters for use with natural, manufactured, and mixed gases; LP gases; and LP gas-air mixtures. Its purpose is to offset building heat loss. Ventilation air to the heater is ducted directly from outdoors and the products of combustion generated by the heater are released into the air stream being heated. Inside air may be introduced before or after the combustion zone.

Single copy price: Free

Obtain an electronic copy from: cathy.rake@csagroup.org

Order from: Cathy Rake, (216) 524-4990 x88321, cathy.rake@csagroup.org

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

CSA (CSA Group)

Revision

BSR Z83.25-201x, Direct Gas-Fired Process Air Heaters (revision of ANSI Z83.25-2015)

Details test and examination criteria for direct gas-fired process air heaters of the recirculating or non-recirculating type, whose primary purpose is to provide process heating to non-occupied spaces within commercial and industrial buildings and may also include operation as a non-recirculating ventilation air heater if operated during periods when the space is occupied.

Single copy price: Free

Obtain an electronic copy from: cathy.rake@csagroup.org

Order from: Cathy Rake, (216) 524-4990 x88321, cathy.rake@csagroup.org

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

IAPMO (ASSE Chapter) (ASSE International Chapter of IAPMO)

New Standard

BSR/ASSE 1052-201x, Performance Requirements for Hose Connection Backflow Preventers (new standard)

This standard establishes design requirements, basic performance requirements, and test procedures for hose connection backflow preventers. This device is designed to be installed on the discharge side of a hose-threaded outlet on a potable water system. This two-check device protects against backflow, due to backsiphonage or low-head backpressure, and is field testable to certify protection under the high hazard conditions present at a hose-threaded outlet. This device shall only be used on systems where there is low-head backpressure that does not exceed that generated by an elevated hose equal to or less than 10 feet (3.0 m) in height.

Single copy price: Free

Obtain an electronic copy from: conrad.jahrling@asse-plumbing.org

Order from: Conrad Jahrling, conrad.jahrling@asse-plumbing.org

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

NECA (National Electrical Contractors Association)

Revision

BSR/NECA 700-201X, Standard for Installing Overcurrent Protection to Achieve Selective Coordination (revision of ANSI/NECA 700-2010)

This standard describes the application procedures for selecting and adjusting low-voltage overcurrent protective devices to achieve selective coordination.

Single copy price: $40.00

Obtain an electronic copy from: neis@necanet.org

Order from: Sofia Arias, (301) 215-4549, sofia.arias@necanet.org

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

NEMA (ASC C78) (National Electrical Manufacturers Association)

Revision

BSR C78.44-201X, Electric Lamps: Double-Ended Metal Halide Lamps (revision and redesignation of ANSI ANSLG C78.44-2008)

Standardize the M134 LCD and revise and update the standard.

Single copy price: $220.00

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

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

NETA (InterNational Electrical Testing Association)

Revision

BSR/NETA ATS-201x, ANSI/NETA Standard for Acceptance Testing Specifications for Electrical Power Equipment and Systems (revision of ANSI/NETA ATS-2013)

It is the intent of this document to assure that all tested electrical equipment and systems supplied by either contractor or owner are operational and within applicable standards and manufacturer's tolerances and that equipment and systems are installed in accordance with design specifications.

Single copy price: $495.00

Obtain an electronic copy from: kwicks@netaworld.org

Order from: Kristen Wicks, (269) 488-6382, kwicks@netaworld.org

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

SCTE (Society of Cable Telecommunications Engineers)

Revision

BSR/SCTE 46-201x, Test Method for AC to DC Outdoor Power Supplies (revision of ANSI/SCTE 46-2007)

The purpose of this standard is to characterize, document and define test methods for AC to DC outdoor plant power supplies. These tests involve the measurement of AC input parameters and DC output parameters. The application of uniform test methods for power supplies will allow fair performance comparisons to be made between different power supplies.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

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

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

SCTE (Society of Cable Telecommunications Engineers)

Revision

BSR/SCTE 130-6-201x, Digital Program Insertion-Advertising Systems Interfaces - Part 6: Subscriber Information Service (SIS) (revision of ANSI/SCTE 130-6-2010)

This document, SCTE 130 Part 6, describes the Digital Program Insertion Advertising Systems Interfaces' SIS (Subscriber Information Service) messaging and data-type specification using XML, XML Namespaces, and XML Schema. The 2013 version adds two new appendices: Appendix C - Mutable SIS Interface (Normative) and Appendix D - Mutable SIS Examples (Informative). This new text adds the mutability capability to the SCTE 130 Part 6 standard. This capability is optional; though if chosen to be supported shall be normatively implemented, as described in this standard.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

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

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

SCTE (Society of Cable Telecommunications Engineers)

Revision

BSR/SCTE 130-8-201x, Digital Program Insertion-Advertising Systems Interfaces - Part 8: General Information Service (GIS) (revision of ANSI/SCTE 130-8-2012)

This document, SCTE 130 Part 8, describes the Digital Program Insertion Advertising Systems Interfaces' General Information Service (GIS) messaging and data-type specification using XML, XML Namespaces, and XML Schema.

Single copy price: $50.00

Obtain an electronic copy from: standards@scte.org

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

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

SJI (Steel Joist Institute)

Revision

BSR/SJI 200-2015, Standard Specification for CJ-Series Composite Steel Joists (revision and redesignation of ANSI/SJI CJ-2010)

The CJ-Series Specification for composite steel joists is being updated to follow the recent changes in the specification for other SJI standards. Also included is a change on the designation.

Single copy price: $50.00

Obtain an electronic copy from: steeljoist.org

Order from: Sharon Jack, (843) 407-4091, sjack@steeljoist.org

Send comments (with copy to psa@ansi.org) to: Kenneth Charles, (843) 407-4091, kcharles@steeljoist.org

TAPPI (Technical Association of the Pulp and Paper Industry)

Revision

BSR/TAPPI T 412 om-201x, Moisture in pulp, paper and paperboard (revision of ANSI/TAPPI T 412 om-2011)

The following procedure applies to pulp, paper, paperboard, and paper products, except those containing significant quantities of materials other than water that are volatile at lower than 107°C (224.6°F) or degrade above 103°C (217.4°F). Moisture is significant for economic reasons and for its effect on such properties as printability, shrinkage, dimensional stability, physical strength, and paper runnability.

Single copy price: Free

Obtain an electronic copy from: standards@tappi.org

Order from: Laurence Womack, (770) 209-7276, standards@tappi.org

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

UL (Underwriters Laboratories, Inc.)

Reaffirmation

BSR/UL 635-2012 (R201x), Standard for Safety for Insulating Bushings (reaffirmation of ANSI/UL 635-2012)

UL 635 covers insulating bushings and accessories for insulating bushings used for the following purposes in electrical equipment: (a) Insulating bushings used for the protection of cables, flexible cords, and insulated wires, where routed through internal or external walls of electrical equipment; (b) Insulating bushings used to provide strain-relief for flexible cord and single-conductor insulated wiring and to protect such cords or wiring; and (c) Accessories to insulating bushings used to supplement the characteristics of the bushing.

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: Derrick Martin, (510) 319-4271, Derrick.L.Martin@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 746A-201x, Standard for Safety for Polymeric Materials - Short Term Property Evaluations (revision of ANSI/UL 746A-2016)

This proposal for UL 746A involves the harmonization of requirements for the Glow-Wire Ignitability Test provided in Section 35 with the requirements of the Glow-Wire Ignition Temperature (GWIT) test method for materials, IEC 60695-2-13.

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: Derrick Martin, (510) 319-4271, Derrick.L.Martin@ul.com

Comment Deadline: June 21, 2016

ANS (American Nuclear Society)

New Standard

BSR/ANS 2.2-200x, Earthquake Instrumentation Criteria for Nuclear Power Plants (new standard)

This standard specifies the required earthquake instrumentation used for the recording of seismic data and evaluation of the possible effects after a seismic event for the site and Category I structures of light-water-cooled and land-based nuclear power plants. It may be used for guidance at other types of nuclear facilities. This standard does not address the following: (a) instrumentation to automatically shut down a nuclear power plant at a predetermined ground acceleration and (b) procedures for evaluating records obtained from seismic instrumentation and instructions for the treatment of data.

Single copy price: $25.00

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

ASME (American Society of Mechanical Engineers)

Reaffirmation

BSR/ASME A112.19.5-2011/CSA B45.15-11 (R201X), Flush Valves and Spuds for Water Closets, Urinals, and Tanks (reaffirmation of ANSI/ASME A112.19.5/CSA B45.15-2011)

This Standard covers spuds and flush valves for water closet bowls, tanks, and urinals.

Single copy price: $95.00

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

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

Correction

Withdrawal of Public Review

BSR/UL 751-201x

The Public Review for BSR/UL 751-201x, Standard for Safety for Refrigerated Vending Machines, which was announced in the Call-for-Comment section of the April 1, 2016 issue of Standards Action, has been withdrawn by the developer. The draft standard has been resubmitted and will be included in the Call-for-Comment section of next week's issue of Standards Action.

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.

AMCA (Air Movement and Control Association)

Office: 30 West University Drive
Arlington Heights, IL 60004-1893

Contact: *Erin Moore*

Phone: (847) 704-6285

E-mail: emoore@amca.org

BSR/AMCA 220-201x, Laboratory Methods of Testing Air Curtain Units for Aerodynamic Performance Rating (revision of ANSI/AMCA 220 -2005 (R2012))

ASSE (ASC A10) (American Society of Safety Engineers)

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

Contact: *Tim Fisher*

Phone: (847) 768-3411

Fax: (847) 296-9221

E-mail: TFisher@ASSE.org

BSR/ASSE A10.43-201X, Confined Space Entry for Construction and Demolition Operations (new standard)

Obtain an electronic copy from: Tim Fisher

ASSE (ASC Z88) (American Society of Safety Engineers)

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

Contact: *Ovidiu Munteanu*

Phone: (847) 232-2012

Fax: (847) 699-2929

E-mail: OMunteanu@ASSE.org

BSR/ASSE Z88.16-201X, Assigned Protection Factors (APFs) for Respirators (new standard)

NECA (National Electrical Contractors Association)

Office: 3 Bethesda Metro Center
Suite 1100
Bethesda, MD 20814

Contact: *Sofia Arias*

Phone: (301) 215-4549

Fax: (301) 215-4500

E-mail: sofia.arias@necanet.org

BSR/NECA 700-201X, Standard for Installing Overcurrent Protection to Achieve Selective Coordination (revision of ANSI/NECA 700-2010)

Obtain an electronic copy from: neis@necanet.org

SJI (Steel Joist Institute)

Office: 234 W. Cheves Street
Florence, SC 29501

Contact: *Kenneth Charles*

Phone: (843) 407-4091

Fax: (843) 407-4044

E-mail: kcharles@steeljoist.org

BSR/SJI 200-2015, Standard Specification for CJ-Series Composite Steel Joists (revision and redesignation of ANSI/SJI CJ-2010)

Obtain an electronic copy from: steeljoist.org

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 802 om-201x, Drop test for fiberboard shipping containers (revision of ANSI/TAPPI T 802 om-2012)

BSR/TAPPI T 815 om-201x, Coefficient of static friction (slide angle) of packaging and packaging materials (including shipping sack papers, corrugated and solid fiberboard) (inclined plane method) (revision of ANSI/TAPPI T 815 om-2012)

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.

Call for Members (ANS Consensus Bodies)

Call for Members

The Academy Standards Board (ASB) of the American Academy of Forensic Sciences (AAFS)

Application Deadline: May 17, 2016

The Academy Standards Board (ASB) of the American Academy of Forensic Sciences (AAFS) is an ANSI-accredited Standards Development Organization. It is announcing the formation of a new Consensus Body: Dogs and Sensors. The Consensus Body will have 7 to 25 members based on applications received, members will be selected by the Board of Directors of the ASB. The ASB has eight interest categories, applicants are encouraged to apply in their self-selected interest category. A person may apply to more than one Consensus Body, and need not indicate the same interest category for each Consensus Body application. An on-line application form is available at http://asb.aafs.org/documents-forms/, the website also contains links to several relevant documents describing the ASB. Applicants are requested to submit forms to be considered for serving on the Dogs and Sensors Consensus Body by May 17, 2016. Questions: Teresa Ambrosius, TAmbrosius@aafs.org, 703-980-2555.

Call for Members (ANS Consensus Bodies)

Call for Subcommittee Members

Green Building Initiative

Water Efficiency Subcommittee

The Green Building Initiative (GBI) is looking for new members for its Water Efficiency Subcommittee. Interested parties should contact Emily Randolph at Emily@thegbi.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.

ABMA (ASC B3) (American Bearing Manufacturers Association)

New National Adoption

ANSI/ABMA/ISO 15242-1-2016, Rolling bearings - Measuring methods for vibration - Part 1: Fundamentals (identical national adoption of ISO 15242-1:2015): 4/18/2016

ANSI/ABMA/ISO 15242-2-2016, Rolling bearings - Measuring methods for vibration - Part 2: Radial ball bearings with cylindrical bore and outside surface (identical national adoption of ISO 15242-2:2015): 4/18/2016

AGMA (American Gear Manufacturers Association)

New Standard

ANSI/AGMA 9006-A-2016, Flexible Couplings - Basis for Rating (new standard): 4/18/2016

ANS (American Nuclear Society)

Reaffirmation

ANSI/ANS 2.21-2012 (R2016), Criteria for Assessing Atmospheric Effects on the Ultimate Heat Sink (reaffirmation of ANSI/ANS 2.21 -2012): 4/18/2016

ASA (ASC S12) (Acoustical Society of America)

New National Adoption

ANSI ASA S12.5-2016/ISO 6926-2016, Acoustics - Requirements for the Performance and Calibration of Reference Sound Sources Used for the Determination of Sound Power Levels (identical national adoption of ISO 6926:2016 and revision of ANSI/ASA S12.5 -2006/ISO 6926:1999 (R2011)): 4/11/2016

ASABE (American Society of Agricultural and Biological Engineers)

Revision

* ANSI/ASABE S276.8-2016, Slow-Moving Vehicle Identification Emblem (SMV Emblem) (revision of ANSI/ASAE S276.7 W/Corr.1 SEP2010 (R2014)): 4/13/2016

ASME (American Society of Mechanical Engineers)

Revision

ANSI/ASME B30.19-2016, Cableways (revision of ANSI/ASME B30.19 -2011): 4/18/2016

ANSI/ASME B31.5-2016, Refrigeration Piping and Heat Transfer Components (revision of ANSI/ASME B31.5-2013): 4/12/2016

ANSI/ASME HRT-1-2016, Rules for Hoisting, Rigging, and Transporting Equipment for Nuclear Facilities (revision and partition of ANSI/ASME NQA-1-2008): 4/12/2016

ATIS (Alliance for Telecommunications Industry Solutions)

Revision

ANSI/ATIS 0600338-2016, Electrical Coordination of Primary and Secondary Surge Protection for Use in Telecommunications Circuits (revision of ANSI/ATIS 0600338-2010): 4/12/2016

AWWA (American Water Works Association)

Revision

ANSI/AWWA B451-2016, Poly(Diallyldimethylammonium Chloride) (revision of ANSI/AWWA B451-2010): 4/18/2016

BIFMA (Business and Institutional Furniture Manufacturers Association)

Reaffirmation

ANSI/BIFMA M7.1-2011(R2016), Standard Test Method for Determining VOC Emissions From Office Furniture Systems, Components and Seating (reaffirmation of ANSI/BIFMA M7.1-2011): 4/12/2016

ANSI/BIFMA X7.1-2011(R2016), Standard for Formaldehyde and TVOC Emissions of Low-emitting Office Furniture and Seating (reaffirmation of ANSI/BIFMA X7.1-2011): 4/12/2016

CSA (CSA Group)

Revision

* ANSI Z21.75-2016, Standard for Connectors for Outdoor Gas Appliances and Manufactured Homes (same as CSA 6.27) (revision of ANSI Z21.75-2007 (R2012) and ANSI Z21.75a-2009 (R2012)): 4/11/2016

ECIA (Electronic Components Industry Association)

Reaffirmation

ANSI/EIA 364-41E-2010 (R2016), Cable Flexing Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-41E-2010): 4/13/2016

ANSI/EIA 364-51A-2002 (R2016), Ice Resistance Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-51A-2002 (R2009)): 4/13/2016

ANSI/EIA 364-58A-2003 (R2016), Temperature Life with Mechanical Loading for Connectors with Removable Contacts (Static Mechanical Load at Temperature) Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-58A-2003 (R2009)): 4/18/2016

ANSI/EIA 364-88A-2009 (R2016), Residual Magnetism Test Procedure for Electrical Connectors, Contacts and Sockets (reaffirmation of ANSI/EIA 364-88A-2009): 4/13/2016

ANSI/EIA 364-96-2002 (R2016), Plated Through Hole Integrity Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364 -96-2002 (R2009)): 4/13/2016

ANSI/EIA 364-109-2003 (R2016), Loop Inductance Measurement Test Procedure for Electrical Connectors (1 nH-10 nH) (reaffirmation of ANSI/EIA-364-109-2003 (R2009)): 4/13/2016

ANSI/EIA 364-112-2010 (R2016), Contact Resistance and Current Rating of Parallel Circuits Test Procedure for Electrical Connectors, Contacts and Sockets (reaffirmation of ANSI/EIA 364-112-2010): 4/13/2016

ANSI/EIA 364-113-2010 (R2016), Corrosivity of Contacts Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-113-2010): 4/13/2016

EMAP (Emergency Management Accreditation Program)

New Standard

ANSI/EMAP US&R-2016, Urban Search and Rescue Standards (new standard): 4/12/2016

HL7 (Health Level Seven)

Revision

ANSI/HL7 V3 PACMET, R2-2016, HL7 Version 3 Standard: Patient Administration CMETs, Release 2 (revision and partition of ANSI/HL7 V3 CMET R3-2013): 4/12/2016

ITSDF (Industrial Truck Standards Development Foundation, Inc.)

Revision

ANSI/ITSDF B56.6-2016, Safety Standard for Rough Terrain Forklift Trucks (revision of ANSI/ITSDF B56.6-2011): 4/11/2016

MSS (Manufacturers Standardization Society)

New Standard

ANSI/MSS SP-135-2016, High Pressure Knife Gate Valves (new standard): 4/12/2016

NACE (NACE International, The Worldwide Corrosion Authority)

Revision

ANSI/NACE Standard TM0177-2016, Laboratory Testing of Metals for Resistance to Sulfide Stress Cracking and Stress Corrosion Cracking in H2S Environments (revision of ANSI/NACE TM0177 -2005): 4/18/2016

NEMA (ASC C82) (National Electrical Manufacturers Association)

Revision

ANSI C82.3-2016, Lamp Ballasts - Reference Ballasts for Fluorescent Lamps (revision of ANSI C82.3-2002 (R2010)): 4/8/2016

NSF (NSF International)

Revision

* ANSI/NSF 4-2016 (i23r1), Commercial Cooking, Rethermalization, and Powered Hot Food Holding and Transportation Equipment (revision of ANS/NSF 4-2014): 4/14/2016

ROHVA (Recreational Off-Highway Vehicle Association)

Revision

* ANSI/ROHVA 1-2016, Standard for Recreational Off-Highway Vehicles (revision of ANSI/ROHVA 1-2014): 4/18/2016

SCTE (Society of Cable Telecommunications Engineers)

New Standard

ANSI/SCTE 43-2016, Digital Video Systems Characteristics Standard for Cable Television (new standard): 4/15/2016

ANSI/SCTE 224-2016, Event Scheduling and Notification Interface (new standard): 4/15/2016

Revision

ANSI/SCTE 01-2016, Specification for "F" Port, Female, Outdoor (revision of ANSI/SCTE 01-2006): 4/15/2016

ANSI/SCTE 02-2016, Specification for “F” Port, Female, Indoor (revision of ANSI/SCTE 02-2006): 4/15/2016

ANSI/SCTE 60-2016, Test Method for Interface Moisture Migration - Double Ended (revision of ANSI/SCTE 60-2010): 4/15/2016

ANSI/SCTE 104-2015, Automation System to Compression System Communications Applications Program Interface (API) (revision of ANSI/SCTE 104-2014): 4/15/2016

ANSI/SCTE 130-7-2016, Digital Program Insertion-Advertising Systems Interfaces - Part 7: Message Transport (revision of ANSI/SCTE 130-7-2009): 4/15/2016

TIA (Telecommunications Industry Association)

Revision

ANSI/TIA 921-C-2016, Network Model for Evaluating Multimedia Transmission Performance Over Internet Protocol (revision and redesignation of ANSI/TIA 921-B-2011): 4/12/2016

UL (Underwriters Laboratories, Inc.)

Reaffirmation

ANSI/UL 66-2011 (R2016), Standard for Safety for Fixture Wire (reaffirmation of ANSI/UL 66-2011): 4/12/2016

ANSI/UL 1990-2011 (R2016), Standard for Safety for Nonmetallic Underground Conduit with Conductors (reaffirmation of ANSI/UL 1990-2011): 4/15/2016

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.

ADA (American Dental Association)

Office: 211 East Chicago Avenue
Chicago, IL 60611-2678

Contact: *Sharon Stanford*

Fax: (312) 440-2529

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BSR/ADA Standard 1067-201x, Electronic Dental Record System Standard - Functional Requirements (revision of ANSI/ADA Standard No. 1067-2013)

Stakeholders: Dental patients, dental care providers, dental system developers, dental education and research activities, and dental insurers.

Project Need: Dental system vendors will benefit from a set of standard functional requirements and can use these requirements, integrated with the existing HL7 EHRS Functional Model, to certify compliance of an electronic dental record system. The standard requires revision at this time to bring it into conformance with the newest version of the HL7 EHRS Functional Model.

The proposed standard creates a set of minimal functions required of an electronic dental record system. These functional requirements are based upon the Health Level Seven Electronic Health Record System Functional Model and extends this model for dentistry.

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

Office: 2111 Wilson Boulevard
Suite 500
Arlington, VA 22201

Contact: *Daniel Abbate*

Fax: (703) 562-1942

E-mail: dabbate@ahrinet.org

BSR/AHRI Standard 110-201x, Air-Conditioning, Heating and Refrigerating Equipment Nameplate Voltages (revision of ANSI/AHRI Standard 110-2012)

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

Project Need: The purpose of this standard is to establish, for air-conditioning, heating and refrigerating equipment: definitions; voltage rating requirements; equipment performance requirements; and conformance conditions.

This standard applies to 50-Hz and 60-Hz electrical voltage ratings and operating limits as applied to air-conditioning, heating and refrigerating equipment, heat pumps, and electric furnaces as well as components.

BSR/AHRI Standard 810 (I-P)-201x, Performance Rating of Automatic Commercial Ice-Makers (revision of ANSI/AHRI Standard 810 (I-P) -2013)

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

Project Need: The purpose of this standard is to establish for automatic commercial ice-makers: definitions; test requirements; rating requirements; minimum data requirements for published ratings; marking and nameplate data; and conformance conditions.

This standard applies to factory-made automatic commercial ice-makers.

BSR/AHRI Standard 811 (SI)-201x, Performance Rating of Automatic Commercial Ice-Makers (revision of ANSI/AHRI Standard 811 (SI) -2013)

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

Project Need: The purpose of this standard is to establish for automatic commercial ice-makers: definitions; test requirements; rating requirements; minimum data requirements for published ratings; marking and nameplate data; and conformance conditions.

This standard applies to factory-made automatic commercial ice-makers.

AMCA (Air Movement and Control Association)

Office: 30 West University Drive
Arlington Heights, IL 60004-1893

Contact: *Erin Moore*

E-mail: emoore@amca.org

* BSR/AMCA 220-201x, Laboratory Methods of Testing Air Curtain Units for Aerodynamic Performance Rating (revision of ANSI/AMCA 220 -2005 (R2012))

Stakeholders: Fan manufactures, building owners, testing laboratories, fan equipment specifiers, fan engineers, HVAC professionals.

Project Need: BSR/AMCA 220 is up for its 5-year review.

The scope of this standard covers the performance testing of air curtain units.

ASABE (American Society of Agricultural and Biological Engineers)

Office: 2950 Niles Road
St Joseph, MI 49085
Contact: *Carla VanGilder*
Fax: (269) 429-3852
E-mail: vangilder@asabe.org

BSR/ASABE/ISO 26322-1:2008 MONYEAR, Tractors for agriculture and forestry - Safety - Part 1: Standard tractors (national adoption of ISO 26322-1:2008 with modifications and revision of ANSI/ASABE/ISO 26322-1-2012)

Stakeholders: Manufacturers of tractors for agriculture and forestry.

Project Need: Normative references are out of date.

Specifies general safety requirements and their verification for the design and construction of standard tractors used in agriculture and forestry. These tractors have at least two axles for pneumatic-tired wheels, with the smallest track gauge of the rear axle exceeding 1150 mm, or tracks instead of wheels, with their unballasted tractor mass being greater than 600 kg.

ASSE (ASC Z88) (American Society of Safety Engineers)

Office: 520 N. Northwest Highway
Park Ridge, IL 60068
Contact: *Ovidiu Munteanu*
Fax: (847) 699-2929
E-mail: OMunteanu@ASSE.org

BSR/ASSE Z88.16-201X, Assigned Protection Factors (APFs) for Respirators (new standard)

Stakeholders: Occupational safety and health professionals or those stakeholders working with ventilation systems and equipment.

Project Need: Need based upon the consensus of occupational safety and health professionals and those members belonging to ASSE.

This project will provide a new standard, American National Standard for Assigned Protection Factors (APFs), with an updated rationale and a set of respirator APFs for respirator program managers to use in the selection of respirators for protection of the American worker. The standard will also provide regulators with a framework for the revision of current occupational respirator standards. Gaps in the information necessary to formulate APFs will be identified to focus on future respirator performance.

CSA (CSA Group)

Office: 8501 East Pleasant Valley Rd.
Cleveland, OH 44131
Contact: *Cathy Rake*
Fax: (216) 520-8979
E-mail: cathy.rake@csagroup.org

BSR/CSA NGV1-201x, Compressed Natural Gas Vehicle (NGV) Fueling Connection Devices (revision of ANSI/CSA NGV1-2006 (R2012))

Stakeholders: Consumers, manufacturers, gas suppliers, certification agencies.

Project Need: Revise the standard for safety.

This standard applies to newly produced compressed Natural Gas Vehicle (NGV) fueling connection devices constructed entirely of new, unused parts and materials. NGV fueling connection devices shall consist of receptacle and cap, nozzle, and/or three-way valve.

IAPMO (ASSE Chapter) (ASSE International Chapter of IAPMO)

Office: 18927 Hickory Creek Dr Suite 220
Mokena, IL 60448
Contact: *Conrad Jahrling*
Fax: (708) 479-6139
E-mail: conrad.jahrling@asse-plumbing.org

BSR/ASSE 1019-201x, Performance Requirements for Wall Hydrant with Backflow Protection and Freeze Resistance (revision of ANSI/ASSE 1019-2011)

Stakeholders: Plumbing industry.

Project Need: Revise the requirements to reflect current practice and public need.

These devices shall have a permanent means to protect against backflow due to either back-siphonage or back-pressure. The backflow protection shall include a minimum of two (2) mechanisms: an air inlet for preventing back-siphonage and a check valve for preventing back-pressure backflow. These devices are terminal fittings that supply potable water to hose connections without danger of freezing. These devices shall be used on systems where the only source of low-head back-pressure comes from an elevated hose equal to or less than 10.0 feet (3.0 meters) in height. The outlet of this device shall not be subjected to more than twelve (12) hours of continuous water pressure.

BSR/ASSE 1032-201x, Performance Requirements for Dual Check Valve Type Backflow Preventers for Carbonated Beverage Dispensers, Post Mix Type (revision of ANSI/ASSE 1032-2011)

Stakeholders: Plumbing industry.

Project Need: Revise the requirements to reflect current practice and public need.

Dual check valve type backflow preventers (for carbonated beverage dispensers, post-mix type), referred to in this standard as “device,” prevent carbon-dioxide gas and carbonated water from backflowing into the potable water system that supplies the carbonating unit. These devices operate under continuous or intermittent pressure conditions.

BSR/ASSE 1064-201x, Performance Requirements for Backflow Prevention Assembly Field Test Kits (revision of ANSI/ASSE 1064 -2006 (R2011))

Stakeholders: Plumbing industry, backflow testing individuals.

Project Need: Revise the requirements to reflect current practice and public need.

Performance requirements for portable backflow prevention assembly field test kits used in testing the performance of backflow prevention assemblies.

IEEE (ASC C63) (Institute of Electrical and Electronics Engineers)

Office: 445 Hoes Lane, PO Box 1331
Piscataway, NJ 08855-1331

Contact: *Susan Vogel*

E-mail: s.vogel@ieee.org

BSR C63.19-201x, Standard Methods of Measurement of Compatibility between Wireless Communications Devices and Hearing Aids (revision of ANSI C63.19-2011)

Stakeholders: Manufacturers of wireless devices and hearing aids, cellular network operators, hearing aid wearers, test laboratories, regulators.

Project Need: Developments relevant to ANSI C63.19 created a need to review the impact of revising the standard. Among these developments are: Growing importance of VoIP and VoLTE for telephony services; hearing-aid user satisfaction with HAC; adequacy of volume control; adequacy of T-Coil reception; harmonization with IEC 60118-13 and IEC 60601-2-66 standards; cover new technologies at TVWS devices and cellular at 600 MHz, 3.5 GHz and 5.0 GHz, software-defined radio; simultaneous-transmission smart phones.

The current standard specifies uniform methods of measurement and parametric requirements for the electromagnetic and operational compatibility of hearing aids used with wireless communications devices (WDs) that operate in the 88-MHz to 6-GHz frequency range.

NEMA (ASC C8) (National Electrical Manufacturers Association)

Office: 1300 North 17th Street
Arlington, VA 22209

Contact: *Kevin Connelly*

E-mail: Kevin.Connelly@Nema.org

* BSR ICEA S-121-733-201x, Tree Wire and Messenger Supported Spacer Cable (new standard)

Stakeholders: Users, producers and parties interested in insulated cable.

Project Need: This project provides needed requirements for materials, constructions, and testing of tree wire and messenger-supported spacer cable.

This standard applies to the materials, constructions, and testing of tree wire and messenger supported spacer cable. These conductors are intended primarily for the distribution of electrical energy under normal conditions of overhead (aerial) installations. This standard covers both thermoplastic and cross-linked polyethylene constructions, rated for 75° C or 90°C normal service temperature. They are considered as covered conductors therefore the cables carry no voltage rating. The conductors must be installed on insulators and/or spacers adequate for the service voltage. The user may want to give consideration to the dielectric compatibility of the covering, insulator, spacer, and tie wire. Line wire constructions are covered in ANSI/ICEA S-70-547, Standard for Weather-Resistant Polyethylene Covered Conductors. Messenger wires are covered in ANSI/ICEA P-79-561, Guide for Selecting Aerial Cable Messengers and Lashing Wires.

BSR ICEA S-85-625-201x, Telecommunications Cable Aircore, Polyolefin Insulated, Copper Conductor Technical Requirements (revision of ANSI ICEA S-85-625-2010)

Stakeholders: Manufacturers, builders, and users of telecom cable.

Project Need: This project provides needed requirements for telecom cable aircore, polyolefin-insulated and Copper conductor.

This Standard covers mechanical and electrical requirements for aircore, polyolefin-insulated, copper conductor telecommunications cable. It provides alternative choices for type of insulation, core assembly, color code, sheath design (shielding materials, single or double jackets, and jacket thickness), and screened or non-screened core.

NEMA (National Electrical Manufacturers Association)

Office: 1300 N 17th Street, Suite 900
Arlington, VA 22209

Contact: *Peter Weems*

E-mail: pweems@medicalimaging.org

BSR/NEMA MITA 2-201X, Requirements for Servicing of Medical Imaging Equipment (new standard)

Stakeholders: Medical imaging device manufacturers, third party servicers, healthcare providers, patients, medical device operators.

Project Need: Appropriate service and maintenance programs to ensure the performance of medical imaging equipment has not been applied by all service providers. Minimum requirements for service and maintenance are needed.

This standard describes and defines the process of servicing medical imaging equipment in hospital and non-hospital settings to a condition of safety and effectiveness, including actions such as repair, rework, update of software/hardware, and replacement of worn parts with qualified parts. This standard enumerates the actions that must be performed in a manner consistent with product specifications and service procedures required to ensure that servicing of medical imaging equipment is done without changing the finished medical imaging equipment's performance, safety specifications and/or changing intended use as in its original or applicable valid registration.

TAPPI (Technical Association of the Pulp and Paper Industry)

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Peachtree Corners, GA 30092

Contact: *Laurence Womack*

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 802 om-201x, Drop test for fiberboard shipping containers (revision of ANSI/TAPPI T 802 om-2012)

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

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

This method describes procedures for determining the ability of fiberboard containers to protect their contents and/or to withstand impact in free-fall drops. These procedures are specifically designed for controlled drop testing of solid fiber or corrugated shipping containers. They do not apply to cylindrical containers or cans made of fiber. This test is not normally used on packages heavier than 68 kg (150 lb).

BSR/TAPPI T 815 om-201x, Coefficient of static friction (slide angle) of packaging and packaging materials (including shipping sack papers, corrugated and solid fiberboard) (inclined plane method) (revision of ANSI/TAPPI T 815 om-2012)

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

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

This method determines the coefficient of static friction of most packaging materials by measuring the angle at which one test surface begins to slide against another inclined surface as the incline is increased at a constant and prescribed rate.

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.

ABMA (ASC B3)
American Bearing Manufacturers Association

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Phone: (919) 481-2852
Fax: (919) 827-4587
Web: www.americanbearings.org

ADA (Organization)
American Dental Association

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Chicago, IL 60611-2678
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Fax: (312) 440-2529
Web: www.ada.org

AGMA
American Gear Manufacturers Association

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Alexandria, VA 22314-1587
Phone: (703) 684-0211
Web: www.agma.org

AHRI
Air-Conditioning, Heating, and Refrigeration Institute

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Web: www.ahrinet.org

AMCA
Air Movement and Control Association

30 West University Drive
Arlington Heights, IL 60004-1893
Phone: (847) 704-6285
Web: www.amca.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
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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
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ASHRAE
American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.

1791 Tullie Circle, NE
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ASME
American Society of Mechanical Engineers

Two Park Avenue
New York, NY 10016
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ASSE (ASC Z88)
American Society of Safety Engineers

520 N. Northwest Highway
Park Ridge, IL 60068
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Web: www.asse.org

ASSE (Safety)
American Society of Safety Engineers

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ATIS
Alliance for Telecommunications Industry Solutions

1200 G Street NW
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Web: www.atis.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

BIFMA
Business and Institutional Furniture Manufacturers Association

678 Front Ave. NW
Grand Rapids, MI 49504
Phone: (616) 285-3963
Fax: (616) 285-3765
Web: www.bifma.org

CSA
CSA Group

8501 East Pleasant Valley Rd.
Cleveland, OH 44131
Phone: (216) 524-4990 x88321
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ECIA
Electronic Components Industry Association

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

EMAP
Emergency Management Accreditation Program

2760 Research Park Drive
Lexington, KY 40578
Phone: (859) 244-8242
Fax: (859) 244-8239
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HL7
Health Level Seven

3300 Washtenaw Avenue
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Ann Arbor, MI 48104
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Web: www.hl7.org

IAPMO (ASSE Chapter)
ASSE International Chapter of IAPMO

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IEEE (ASC C63)
Institute of Electrical and Electronics Engineers

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ITSDF
Industrial Truck Standards Development Foundation, Inc.

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Washington, DC 20006
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Web: www.indtrk.org

MSS
Manufacturers Standardization Society

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Web: www.mss-hq.org

NACE
NACE International, The Worldwide Corrosion Authority

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Phone: (281) 228-6485
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NECA
National Electrical Contractors Association

3 Bethesda Metro Center
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Web: www.neca-neis.org

NEMA (ASC C78)
National Electrical Manufacturers Association

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Phone: 703-841-3262
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NEMA (ASC C8)
National Electrical Manufacturers Association

1300 North 17th Street
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Web: www.nema.org

NEMA (ASC C82)
National Electrical Manufacturers Association

1300 N 17th St
Rosslyn, VA 22209
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Fax: 703-841-3362
Web: www.nema.org

NEMA (Canvass)
National Electrical Manufacturers Association

1300 N 17th Street, Suite 900
Arlington, VA 22209
Phone: (703) 841-3238
Web: www.nema.org

NETA
InterNational Electrical Testing Association

3050 Old Centre
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Portage, MI 49024
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NSF
NSF International

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ROHVA
Recreational Off-Highway Vehicle Association

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SCTE
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Exton, PA 19341-1318
Phone: (480) 252-2330
Fax: (610) 363-5898
Web: www.scte.org

SJI
Steel Joist Institute

234 W. Cheves Street
Florence, SC 29501
Phone: (843) 407-4091
Fax: (843) 407-4044
Web: www.steeljoist.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.

47173 Benicia Street
Fremont, CA 94538
Phone: (510) 319-4271
Web: www.ul.com

ISO & IEC Draft International Standards

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

Comments

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

BASES FOR DESIGN OF STRUCTURES (TC 98)

ISO/DIS 3010, Bases for design of structures - Seismic actions on structures - 5/14/2016, $125.00

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

ISO/DIS 13315-4, Environmental management for concrete and concrete structures - Part 4: Environmental design of concrete structures - 5/14/2016

EARTH-MOVING MACHINERY (TC 127)

ISO/DIS 16001, Earth-moving machinery - Object detection systems and visibility aids - Performance requirements and tests - 5/14/2016, $134.00

GAS CYLINDERS (TC 58)

ISO/DIS 13338, Gas cylinders - Gases and gas mixtures - Determination of tissue corrosiveness for the selection of cylinder valve outlets - 7/2/2016, $46.00

IMPLANTS FOR SURGERY (TC 150)

ISO/DIS 6474-1, Implants for surgery - Ceramic materials - Part 1: Ceramic materials based on high purity alumina - 7/1/2016, $53.00

INTERNAL COMBUSTION ENGINES (TC 70)

ISO/DIS 8178-1, Reciprocating internal combustion engines - Exhaust emission measurement - Part 1: Test-bed measurement of gaseous and particulate exhaust emissions - 12/24/2016

PLASTICS (TC 61)

ISO/DIS 13586, Plastics - Determination of fracture toughness (GIC and KIC) - Linear elastic fracture mechanics (LEFM) approach - 6/29/2016, $82.00

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

ISO/DIS 7510, Plastics piping systems - Glass-reinforced plastics (GRP) components - Determination of the amounts of constituents - 7/3/2016, $40.00

REFRIGERATION (TC 86)

ISO/DIS 14903, Refrigerating systems and heat pumps - Qualification of tightness of components and joints - 5/14/2016, $107.00

ROAD VEHICLES (TC 22)

ISO/DIS 15118-8, Road vehicles - Vehicle to grid communication interface - Part 8: Physical layer and data link layer requirements for wireless communication - 7/3/2016, $82.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO/DIS 10638, Rubber - Identification of antidegradants by gas chromatography/mass spectrometry - 5/14/2016, $112.00

SECURITY (TC 292)

ISO/DIS 22316, Security and resilience - Guidelines for organizational resilience - 5/14/2016, $62.00

SOLID MINERAL FUELS (TC 27)

ISO/DIS 1213-2, Solid mineral fuels - Vocabulary - Part 2: Terms relating to sampling, testing and analysis - 5/14/2016, $93.00

TIMBER (TC 218)

ISO/DIS 19474, Round timber - Visual characteristics - Methods of determination - 7/2/2016, $53.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO 11681-2/DAmd1, Machinery for forestry - Portable chain-saw safety requirements and testing - Part 2: Chain-saws for tree service - Amendment 1 - 5/14/2016, $29.00

TRADITIONAL CHINESE MEDICINE (TC 249)

ISO/DIS 19610, Traditional Chinese medicine - General requirements for industrial manufacturing process of red ginseng (Panax ginseng C.A. Meyer) - 5/14/2016, $53.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 10373-6/DAmd3, Identification cards - Test methods - Part 6: Proximity cards - Amendment 3: Active and passive PICC transmissions - 7/2/2016, $98.00

ISO/IEC 10373-6/DAmd5, Identification cards - Test methods - Part 6: Proximity cards - Amendment 5: Clarification of test conditions for PICC reception - 7/2/2016, $40.00

ISO/IEC 14443-2/DAmd1, Identification cards - Contactless integrated circuit cards - Proximity cards - Part 2: Radio frequency power and signal interface - Amendment 1: Parameters supporting active and passive PICC transmissions - 5/14/2016, $33.00

ISO/IEC DIS 24709-1, Information technology - Conformance testing for BioAPI - Part 1: Methods and procedures - 5/14/2016, $269.00

IEC Standards

11/242/Q, IEC 61284 Ed 2.0 Overhead lines - Requirements and tests for fittings, 06/03/2016

13/1684/CDV, IEC 62056-6-1: Electricity Metering Data Exchange - The DLMS/COSEM Suite - Part 6-1: COSEM Object Identification System (OBIS), 07/08/2016

13/1685/CDV, IEC 62056-56-2: Electricity Metering Data Exchange - The DLMS/COSEM Suite - Part 6-2: COSEM interface classes, 07/08/2016

23H/355/CDV, IEC 60309-5 Ed.1: Plugs, socket-outlets and couplers for industrial purposes - Part 5: Dimensional compatibility and interchangeability requirements for plugs, socket-outlets, ship connectors and ship inlets for low-voltage shore connection systems (LVSC), 07/08/2016

31G/252/ISH, IEC 60079-11/i2/Ed6: Explosive atmospheres - Part 11: Equipment protection by intrinsic safety "i", 05/27/2016

31G/253/ISH, IEC 60079-11/i3/Ed6: Explosive atmospheres Part 11: Equipment protection by intrinsic safety "i", 05/27/2016

34B/1849/CDV, IEC 60061 Ed.3: Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 1: Lamp caps - Amendment 56; Part 2: Lampholders - Amendment 52; Part 3: Gauges - Amendment 53; IEC 60061-4 Ed.1: Lamp caps and holders together with gauges for the control of interchangeability and safety - Part 4: Guidelines and general information - Amendment 15, 07/08/2016

44/764/NP, Security Aspects Related to Functional Safety of Safety-Related Control Systems, 07/08/2016

45A/1087/NP, Nuclear power plants - Instrumentation and control systems important to safety - Development of HDL-programmed integrated circuits for systems performing category B or C functions, 07/08/2016

46C/1044/DTR, IEC/TR 61156-1-6 Ed1: Multicore and symmetrical pair/quad cables for digital communications - Part 1-6: Exploratory DC-resistance values of floor-wiring and work-area cables for digital communications, 06/10/2016

47/2287/CDV, IEC 60749-4 Ed.2: Semiconductor devices - Mechanical and climatic test methods - Part 4: Damp heat, steady state, highly accelerated stress test (HAST), 07/08/2016

48B/2482/CDV, IEC 62946-02/Ed1: Connectors for electronic equipment - Part 02: Detail specification for 8-way, unshielded, free and fixed high density connectors for data transmission up to 250 MHz and with current carrying capacity up to 1A, 07/08/2016

48B/2483/CDV, IEC 61076-2-113/Ed1:Connectors for electronic equipment - Product requirements - Part 2-113: Circular connector - Detail specification for connectors with data and power contacts with M12 screw-locking for frequency up to 100MHz, 07/08/2016

57/1677/CDV, IEC 61970-453 A1 Ed.2: Amendment 1 to IEC 61970 -453 Ed.2: Energy management system application program interface (EMS-API) - Part 453: Diagram layout profile, 07/08/2016

59L/120/CDV, IEC 62863 Ed.1: Method of measuring performances of electric hair clippers or trimmers for household use, 07/08/2016

61/5117/CDV, IEC 60335-2-36/Ed6: Household and similar electrical appliances - Safety - Part 2-36: Particular requirements for commercial electric cooking ranges, ovens, hobs and hob elements, 07/08/2016

61/5118/CDV, IEC 60335-2-37/Ed6: Household and similar electrical appliances - Safety - Part 2-37: Particular requirements for commercial electric doughnut fryers and deep fat fryers, 07/08/2016

61/5119/CDV, IEC 60335-2-38-A2/Ed5: Household and similar electrical appliances - Safety - Part 2-38: Particular requirements for commercial electric griddles and griddle grills, 07/08/2016

61/5120/CDV, IEC 60335-2-39-A1/Ed6: Household and similar electrical appliances - Safety - Part 2-39: Particular requirements for commercial electric multi-purpose cooking pans, 07/08/2016

61/5121/CDV, IEC 60335-2-42-A2/Ed5: Household and similar electrical appliances - Safety - Part 2-42: Particular requirements for commercial electric forced convection ovens, steam cookers and steam-convection ovens, 07/08/2016

61/5122/CDV, IEC 60335-2-47-A2/Ed4: Household and similar electrical appliances - Safety - Part 2-47: Particular requirements for commercial electric boiling pans, 07/08/2016

61/5123/CDV, IEC 60335-2-48-A2/Ed4: Household and similar electrical appliances - Safety - Part 2-48: Particular requirements for commercial electric grillers and toasters, 07/08/2016

61/5124/CDV, IEC 60335-2-49-A2/Ed4: Household and similar electrical appliances - Safety - Part 2-49: Particular requirements for commercial electric appliances for keeping food and crockery warm, 07/08/2016

61/5125/CDV, IEC 60335-2-50-A2/Ed4: Household and similar electrical appliances - Safety - Part 2-50: Particular requirements for commercial electric bains-marie, 07/08/2016

61/5126/CDV, IEC 60335-2-64, Household and similar electrical appliances - Safety - Part 2-64: Particular requirements for commercial electric kitchen machines, 07/08/2016

61/5127/CDV, IEC 60335-2-99, Household and similar electrical appliances - Safety - Part 2-99: Particular requirements for commercial electric hoods, 07/08/2016

62B/1009/CD, Amendment 2 to IEC 60601-2-54 Ed 3 Medical electrical equipment - Part 2-54: Particular requirements for the basic safety and essential performance of X-ray equipment for radiography and radioscopy, 06/10/2016

64/2116/CD, IEC 60364-5-56: Low-voltage electrical installations - Part 5-56: Selection and erection of electrical equipment - Safety services, 07/08/2016

65/629/DTS, IEC/TS 62832-1/Ed1: Industrial-process measurement, control and automation - Digital Factory framework - Part 1: General principles, 07/08/2016

66/593/CD, IEC 61010-2-091 Ed.2: Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2 -091: Particular requirements for cabinet X-ray systems, 07/08/2016

81/521/CD, IEC 62305-4 Ed.3: Protection against lightning - Part 4: Electrical and electronic systems within structures, 07/08/2016

85/542A/CD, IEC 61557-12: Electrical safety in low voltage distribution systems up to 1 000 V a.c. and 1 500 V d.c. - Equipment for testing, measuring or monitoring of protective measures - Part 12: Power metering and monitoring devices (PMD), 05/27/2016

87/613/NP, Ultrasonics - Field characterisation - Infra-red imaging techniques for determining temperature elevation in tissue-mimicking material and radiation surface of a transducer in still air, 07/08/2016

91/1359/FDIS, IEC 61636 Ed.1: IEEE Standard for Software Interface for Maintenance Information Collection and Analysis (SIMICA) (IEEE 1636-2009), 05/27/2016

91/1360/FDIS, IEC 61636-1 Ed.1: IEEE Standard for Software Interface for Maintenance Information Collection and Analysis (SIMICA): Exchanging Test Results and Session Information via the eXtensible Markup Language (XML) (IEEE 1636.1-2013), 05/27/2016

91/1361/FDIS, IEC 61636-99 Ed.1: IEEE Standard for Software Interface for Maintenance Information Collection and Analysis (SIMICA): Common Information Elements (IEEE 1636.99-2013), 05/27/2016

91/1362/FDIS, IEC 63055 Ed.1: IEEE Standard Format for LSI-Package-Board Interoperable Design (IEEE 2401-2015), 05/27/2016

100/2649A/NP, Universal Serial Bus interfaces for data and power - Part 1-2: Common components - USB Power Delivery Specification, 07/01/2016

111/416/CDV, IEC 62321-8/Ed.1: Determination of Certain Substances in Electrotechnical Products - Part 8: Phthalates in polymers by Gas Chromatography-Mass Spectrometry (GC-MS), Pyrolysis/Thermal Desorption-Gas Chromatography-Mass Spectrometry (Py/TD-GC-MS), 07/08/2016

113/315/DTS, IEC 80004-9 Ed 1: Nanotechnologies - Vocabulary - Part 9: Nano-enabled electrotechnical products and systems, 07/08/2016

119/98A/CDV, IEC 62899-302-1 Ed.1: Printed electronics - Part 302-1: Equipment - Inkjet Imaging based measurement of jetting speed, 07/01/2016

119/99A/CDV, IEC 62899-401 Ed.1: Printed Electronics - Part 401: Printability - Overview, 07/01/2016

SYCSMARTENERGY/31/CD, IEC 62913-1/TS/Ed1: Generic Smart Grid Requirements - Part 1: Specific application of the Use Case methodology for defining Generic Smart Grid Requirements according to the IEC System approach, 08/05/2016

SYCSMARTENERGY/32/CD, IEC 62913-2-1/TS/Ed1: Generic Smart Grid Requirements - Part 2-1: Domains - Grid related domains, these include Transmission Grid Management, Distribution Grid Management, Microgrids and Smart Substation Automation, 08/05/2016

SYCSMARTENERGY/33/CD, IEC 62913-2-3/TS/Ed1: Generic Smart Grid Requirements - Part 2-3: Domains - Resources connected to the grid related domains, these include Bulk Generation, Distributed Energy Resources, Smart Home / Commercial / Industrial / DR-Customer Energy Management, and Energy Storage, 08/05/2016

SYCSMARTENERGY/34/CD, IEC 62913-2-4/TS/Ed1: Generic Smart Grid Requirements - Part 2-4: Domains - Electric Transportation domain, 08/05/2016

SYCSMARTENERGY/35/CD, IEC 62913-2-5/TS/Ed1: Generic Smart Grid Requirements - Part 2-5: Domains - Support Functions related domains, these include Metering Management and Asset Management, 08/05/2016

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

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO 662:2016, Animal and vegetable fats and oils - Determination of moisture and volatile matter content, $88.00

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

ISO 3040:2016, Geometrical product specifications (GPS) - Dimensioning and tolerancing - Cones, $149.00

EVALUATION OF ENERGY SAVINGS (TC 257)

ISO 17741:2016, General technical rules for measurement, calculation and verification of energy savings of projects, $123.00

FERTILIZERS AND SOIL CONDITIONERS (TC 134)

ISO 15604:2016, Fertilizers - Determination of different forms of nitrogen in the same sample, containing nitrogen as nitric, ammoniacal, urea and cyanamide nitrogen, $149.00

ISO 14820-1:2016, Fertilizers and liming materials - Sampling and sample preparation - Part 1: Sampling, $200.00

ISO 14820-2:2016, Fertilizers and liming materials - Sampling and sample preparation - Part 2: Sample preparation, $88.00

FLUID POWER SYSTEMS (TC 131)

ISO 1219-1/Amd1:2016, Fluid power systems and components - Graphical symbols and circuit diagrams - Part 1: Graphical symbols for conventional use and data-processing applications - Amendment 1, $22.00

GAS CYLINDERS (TC 58)

ISO 16148:2016, Gas cylinders - Refillable seamless steel gas cylinders and tubes - Acoustic emission examination (AT) and follow-up ultrasonic examination (UT) for periodic inspection and testing, $173.00

INDUSTRIAL TRUCKS (TC 110)

ISO 11525-4:2016, Rough-terrain trucks - User requirements - Part 4: Additional requirements for variable-reach trucks handling freely suspended loads, $88.00

NUCLEAR ENERGY (TC 85)

ISO 11665-11:2016, Measurement of radioactivity in the environment - Air: radon-222 - Part 11: Test method for soil gas with sampling at depth, $149.00

PLASTICS (TC 61)

ISO 1043-1/Amd1:2016, Plastics - Symbols and abbreviated terms - Part 1: Basic polymers and their special characteristics - Amendment 1: New symbol ST for syndiotactic, $22.00

ISO 1043-4/Amd1:2016, Plastics - Symbols and abbreviated terms - Part 4: Flame retardants - Amendment 1: Code numbers, $22.00

ROAD VEHICLES (TC 22)

ISO 15765-2:2016, Road vehicles - Diagnostic communication over Controller Area Network (DoCAN) - Part 2: Transport protocol and network layer services, $240.00

ISO 15765-4:2016, Road vehicles - Diagnostic communication over Controller Area Network (DoCAN) - Part 4: Requirements for emissions-related systems, $173.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO 15364:2016, Ships and marine technology - Pressure/vacuum valves for cargo tanks, $173.00

STEEL (TC 17)

ISO 17745:2016, Steel wire ring net panels - Definitions and specifications, $123.00

TEXTILES (TC 38)

ISO 18254-1:2016, Textiles - Method for the detection and determination of alkylphenol ethoxylates (APEO) - Part 1: Method using HPLC-MS, $88.00

TIMBER STRUCTURES (TC 165)

ISO 12578:2016, Timber structures - Glued laminated timber - Component performance requirements, $123.00

ISO Technical Specifications

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO/TS 22002-6:2016, Prerequisite programmes on food safety - Part 6: Feed and animal food production, $123.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 19770-3:2016, Information technology - IT asset management - Part 3: Entitlement schema, $240.00

ISO/IEC 30100-1:2016, Information technology - Home network resource management - Part 1: Requirements, $149.00

ISO/IEC 30100-2:2016, Information technology - Home network resource management - Part 2: Architecture, $265.00

ISO/IEC 30100-3:2016, Information technology - Home network resource management - Part 3: Management application, $173.00

IEC Standards

CAPACITORS AND RESISTORS FOR ELECTRONIC EQUIPMENT (TC 40)

IEC 60939-3 Ed. 1.0 b cor.1:2016, Corrigendum 1 - Passive filter units for electromagnetic interference suppression - Part 3: Passive filter units for which safety tests are appropriate, $0.00

IEC 60384-14 Ed. 4.0 b cor.1:2016, Corrigendum 1 - Fixed capacitors for use in electronic equipment - Part 14: Sectional specification - Fixed capacitors for electromagnetic interference suppression and connection to the supply mains, $0.00

ELECTRIC CABLES (TC 20)

IEC 60702-3 Ed. 1.0 b:2016, Mineral insulated cables and their terminations with a rated voltage not exceeding 750 V - Part 3: Guide for use, $61.00

ELECTROMAGNETIC COMPATIBILITY (TC 77)

IEC 61000-1-2 Ed. 1.0 b:2016, Electromagnetic compatibility (EMC) - Part 1-2: General - Methodology for the achievement of functional safety of electrical and electronic systems including equipment with regard to electromagnetic phenomena, $339.00

FLAT PANEL DISPLAY DEVICES (TC 110)

IEC 62595-2-1 Ed. 1.0 en:2016, Display lighting unit - Part 2-1: Electro-optical measuring methods of LED backlight unit, $85.00

POWER ELECTRONICS (TC 22)

IEC 61800-5-2 Ed. 2.0 b:2016, Adjustable speed electrical power drive systems - Part 5-2: Safety requirements - Functional, $351.00

S+ IEC 61800-5-2 Ed. 2.0 en:2016 (Redline version), Adjustable speed electrical power drive systems - Part 5-2: Safety requirements - Functional, $494.00

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

IEC 62841-2-8 Ed. 1.0 b:2016, Electric motor-operated hand-held tools, transportable tools and lawn and garden machinery - Safety - Part 2-8: Particular requirements for hand-held shears and nibblers, $61.00

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)

IEC 60335-2-7 Ed. 7.2 b:2016, Household and similar electrical appliances - Safety - Part 2-7: Particular requirements for washing machines, $339.00

IEC 60335-2-7 Amd.2 Ed. 7.0 b:2016, Amendment 2 - Household and similar electrical appliances - Safety - Part 2-7: Particular requirements for washing machines, $22.00

IEC 60335-2-9 Ed. 6.2 b:2016, Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances, $363.00

IEC 60335-2-9 Amd.2 Ed. 6.0 b:2016, Amendment 2 - Household and similar electrical appliances - Safety - Part 2-9: Particular requirements for grills, toasters and similar portable cooking appliances, $22.00

IEC 60335-2-31 Ed. 5.1 b:2016, Household and similar electrical appliances - Safety - Part 2-31: Particular requirements for range hoods and other cooking fume extractors, $169.00

IEC 60335-2-31 Amd.1 Ed. 5.0 b:2016, Amendment 1 - Household and similar electrical appliances - Safety - Part 2-31: Particular requirements for range hoods and other cooking fume extractors, $22.00

IEC 60335-2-113 Ed. 1.0 b:2016, Household and similar electrical appliances - Safety - Part 2-113: Particular requirements for cosmetic and beauty care appliances incorporating lasers and intense light sources, $157.00

SEMICONDUCTOR DEVICES (TC 47)

IEC 60747-2 Ed. 3.0 b:2016, Semiconductor devices - Part 2: Discrete devices - Rectifier diodes, $278.00

IEC 60747-6 Ed. 3.0 b:2016, Semiconductor devices - Part 6: Discrete devices - Thyristors, $387.00

SOLAR PHOTOVOLTAIC ENERGY SYSTEMS (TC 82)

IEC 60904-3 Ed. 3.0 b:2016, Photovoltaic devices - Part 3: Measurement principles for terrestrial photovoltaic (PV) solar devices with reference spectral irradiance data, $303.00

S+ IEC 60904-3 Ed. 3.0 en:2016 (Redline version), Photovoltaic devices - Part 3: Measurement principles for terrestrial photovoltaic (PV) solar devices with reference spectral irradiance data, $363.00

IEC Technical Reports

POWER ELECTRONICS (TC 22)

IEC/TR 62544 Ed. 1.1 en:2016, High-voltage direct current (HVDC) systems - Application of active filters, $339.00

IEC/TR 62544 Amd.1 Ed. 1.0 en:2016, Amendment 1 - High-voltage direct current (HVDC) systems - Application of active filters, $20.00

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

NACE International

The reaccreditation of NACE International, an ANSI Member and Accredited Standards Developer, has been approved at the direction of ANSI's Executive Standards Council under its recently revised operating procedures for documenting consensus on NACE International-sponsored American National Standards, effective April 18, 2016. For additional information, please contact: Mr. Rick Southard, Senior Editor, Technical Activities, NACE International, 15835 Park Ten Place, Houston, TX 77084; phone: 281.228.6485; E-mail: Rick.Southard@nace.org.

Reaccreditation

ARMA International

Comment Deadline: May 23, 2016

ARMA International, an ANSI member and Accredited Standards Developer, has submitted revisions to its currently accredited operating procedures for documenting consensus on ARMA-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: Nancy Barnes, Ph.D., Standards Consultant, ARMA International, 11880 College Boulevard, Suite 450, Overland Park, KS 66210; phone: 913.312.5565; e-mail: standards@armaintl.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 ANS by May 23, 2016, with a copy to the ExSC Recording Secretary in ANSI's New York Office jthompso@ANSI.org.

ANSI Accreditation Program for Third Party Product Certification Agencies

Accreditation in accordance with ISO/IEC 17065 and ONC 2015 Edition

InfoGard Laboratories

Comment Deadline: May 23, 2016

Ms. Stephanie Eckgren – Quality Manager
InfoGard Laboratories
709 Fiero Lane, Suite 25
San Luis Obispo, CA 93401
Phone: 805-783-0810
Fax: 805-783-0889
E-mail: seckgren@infogard.com
Web: www.infogard.com

On April 15, 2016, InfoGard Laboratories was granted Accreditation in accordance with ISO/IEC 17065 for the following certification scheme(s) and scopes:

LISTING OF CERTIFICATION SCHEME(S)

U.S. Department of Health and Human Services

Office of the Secretary

45 CFR Part 170 – HEALTH INFORMATION TECHNOLOGY STANDARDS, IMPLEMENTATION SPECIFICATIONS, AND CERTIFICATION CRITERIA AND CERTIFICATION PROGRAMS FOR HEALTH INFORMATION TECHNOLOGY

as amended by 2015 Edition Health Information Technology (Health IT) Certification Criteria

2015 Edition Base Electronic Health Record Definition, and ONC Health IT Certification Program Modifications

for programs within the following

SCOPE OF ACCREDITATION

GRANTED 2016-04-15:

Subpart E: ONC HIT Certification Program and Health IT Module certification according to §170.315 2015 Edition health IT certification criteria

References

Subpart B: Standards and Implementation Specifications for Health Information Technology

Subpart C: Certification Criteria for Health Information Technology

Exempt: The 2015 Edition scope of accreditation does not include F5 and C1, C2, C3, and C4 criteria.

Subpart E: ONC Health IT Certification Program

Please send your comments by May 23, 2016 to Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: rfigueir@ansi.org ,or Nikki Jackson, Sr. Program Manager, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: njackson@ansi.org.

International Organization for Standardization (ISO)

Call for U.S. TAG Administrator

ISO/TC 94/SC 4 – Personal equipment for protection against falls

ANSI has been informed that the American Society of Safety Engineers (ASSE), the ANSI-accredited U.S. TAG Administrator for ISO/TC 94/SC 4, wishes to relinquish their role as U.S. TAG Administrator.

ISO/TC 94/SC 4 operates under the following scope:

Development of standards in the field of Personal equipment for protection against falls within the scope of ISO/TC 94:

Standardization of the quality and performance of clothing and personal equipment designed to safeguard persons against hazards other than those concerned with nuclear radiation.

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 Subcommittee

ISO/TC 83/SC 6 – Martial Arts

ISO/TC 83, Sports and Other Recreational Facilities and Equipment, has created a new ISO Subcommittee on Martial arts (ISO/TC 83/SC 6). The Secretariat has been assigned to Germany (DIN).

ISO/TC 83/SC 6 operates under the following scope:

Development of standards in the field of martial arts within the scope of ISO/TC 83:

Standardization of terms, dimensions, tolerances, functional, operational and performance requirements and safety requirements, as well as their testing, for sports and recreational facilities and equipment (e.g. ropes courses, playgrounds, inflatables, water slides, camping tents, floating leisure articles, sleeping bags, winter sports equipment, ice hockey equipment and facilities). Excluded are amusement rides and amusement devices covered by International Standards within the scope of ISO/TC 254.

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

ISO Proposal for a New Field of ISO Technical Activity

Blockchain and Electronic Distributed Ledger Technologies

Comment Deadline: Friday, June 3, 2016.

SA, the ISO member body for Standards Australia, has submitted to ISO a proposal for a new field of ISO technical activity on Blockchain and Electronic Distributed Ledger Technologies, with the following scope statement:

> Standardisation of blockchains and distributed ledger technologies to support interoperability and data interchange among users, applications and systems.

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, June 3, 2016.

Meeting Notices

Green Building Initiative – GBI 01-201x Consensus Body

The sixteenth and seventeenth meetings of the Green Building Initiative – GBI 01-201x Consensus Body will be held via conference call and webinar.

> May 18, 2016, from 12:00 Noon to 3:00 PM ET
>
> May 25, 2016, from 1:00 to 4:00 PM ET.

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

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

To attend, and for additional information, please contact:

Maria Woodbury
Secretariat for Green Building Initiative
207-807-8666 (direct)
Maria@thegbi.org

Information Concerning

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat
ISO/TC 213 – *Dimensional and Geometrical Product Specifications and Verification*
Comment Deadline: Friday, May 13, 2016

ANSI has been informed by the ISO Technical Management Board (ISO/TMB) that Denmark (DS), the ISO delegated Secretariat of ISO/TC 213, wishes to relinquish the role of the Secretariat.

ISO/TC 213 operates under the following scope:

> *Standardization in the field of geometrical product specifications (GPS), i.e., macro- and microgeometry specifications covering dimensional and geometrical tolerancing, surface properties and the related verification principles, measuring equipment and calibration requirements including the uncertainty of dimensional and geometrical measurement. The standardization includes the basic layout and explanation of drawing indications (symbols).*
>
> *Excluded:*
>
> - *the definition of the specific proportions and dimensions of drawing indications (symbols) and their execution.*

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of the U.S. delegated Secretariat for ISO/TC 213. Alternatively, ANSI may be assigned the responsibility for administering an ISO Secretariat. Any request that ANSI accept the direct administration of an ISO Secretariat shall demonstrate that:

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

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

Information Concerning

International Organization for Standardization (ISO)

Call for International (ISO) Secretariat ISO/IEC JTC 1/SC 22 – Programming Languages, Their Environments and System Software Interfaces

Currently, the U.S. holds a leadership position as secretariat of ISO/IEC JTC 1/SC 22 – *Programming languages, their environments and system software interfaces*. The InterNational Committee for Information Technology Standards (INCITS) Executive Board has advised ANSI to relinquish its role as secretariat for this committee.

ISO/IEC JTC 1/SC 22 operates under the following scope:

Development of standards in the field of Programming languages, their environments and system software interfaces] within the scope of ISO/IEC JTC 1:

> *Standardization in the field of information technology.*

ANSI is seeking organizations in the U.S. that may be interested in assuming the role of delegated secretariat for ISO/IEC JTC 1/SC 22. Alternatively, ANSI may be assigned the responsibility for administering an ISO secretariat. Any request that ANSI accepts to direct administration of an ISO secretariat shall demonstrate that:

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

If no U.S. organization steps forward to assume the ISO/IEC JTC 1/SC 22 secretariat, or if there is insufficient support for ANSI to assume direct administration of this activity, then ANSI will inform the ISO Central Secretariat that the U.S. will relinquish its leadership of the committee. This will allow ISO to solicit offers from other countries interested in assuming the secretariat role.

Information concerning the United States retaining the role of international secretariat may be obtained by contacting ANSI at isot@ansi.org.

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9.9 Product-specific quality assurance requirements

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Table 10A – PEX, PE-RT, PE-water, PE-storm sewer pipe and tubing test frequency

Test	PEX	PE-RT	PE (water)	PE (storm sewer)
dimension				
pipe OD or ID	2 h	2 h	2 h	2
wall thickness (min and max)	2 h	2 h	2 h	2 h
burst pressure[1,5]	24 h	24 h	24 h	24 h
hydrostatic pressure	annually	annually	—	—
density	annually	annually	annually	annually
degree of crosslinking[6]	weekly	—	—	—
ESCR	annually	—	annually	—
bent tube sustained pressure (hot/cold)	annually	—	—	—
elevated temperature sustained pressure	—	—	semi-annually	—
excessive temperature	annually	annually[7]	—	—
stiffness	—	—	—	annually
flattening	—	—	—	annually
impact	—	—	—	weekly
product standards	ASTM F876 ASTM F877 ASTM F2788 ASTM F2929 CSA B137.5 AWWA	ASTM F2623 ASTM F2769	ASTM D2239 ASTM D2737 ASTM D3035 ASTM F714 CSA B137.1[4] AWWA C901[2]	ASTM F2306

Test	PEX	PE-RT	PE (water)	PE (storm sewer)
	C904[8]		AWWA C906[3]	

[1] If one material is continuously used in several machines or sizes, then when a steady-state operation is obtained on each machine, sample selection shall be from a different extruder each day and rotated in sequence among all machines or sizes.

[2] Pipe and tubing compliant to AWWA C901 shall follow the QC requirements of AWWA C901.

[3] Pipe and tubing compliant to AWWA C906 shall follow the QC requirements of AWWA C906.

[4] Burst pressure is not required for pipe listed to CSA B137.1.

[5] Burst test for pipe sizes 24-63" are tested once per week.

[6] Degree of crosslinking samples shall be taken from normal production after the point in the process where the crosslinking reaction is nominally complete.

[7] Excessive temperature only applies to F2769

[8] Pipe and tubing compliant to AWWA C904 shall follow the QC requirements of AWWA C904.

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9.9 Product-specific quality assurance requirements

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Table 10A – PEX, PE-RT, PE-water, PE-storm sewer pipe and tubing test frequency

Test	PEX	PE-RT	PE (water)	PE (storm sewer)
dimension				
pipe OD or ID	2 h	2 h	2 h	2
wall thickness (min and max)	2 h	2 h	2 h	2 h
burst pressure[1,5]	24 h	24 h	24 h	24 h
hydrostatic pressure	annually	annually	—	—
density	annually	annually	annually	annually
degree of crosslinking[6]	weekly	—	—	—
ESCR	annually	—	annually	—
bent tube sustained pressure (hot/cold)	annually	—	—	—
elevated temperature sustained pressure	—	—	semi-annually	—
excessive temperature	annually	annually[7]	—	—
stiffness	—	—	—	annually
flattening	—	—	—	annually
impact	—	—	—	weekly
product standards	ASTM F876 ASTM F877 ASTM F2788 ASTM F2929 CSA B137.5	ASTM F2623 ASTM F2769 CSA B137.18[4]	ASTM D2239 ASTM D2737 ASTM D3035 ASTM F714 CSA B137.1[4] AWWA C901[2]	ASTM F2306

Test	PEX	PE-RT	PE (water)	PE (storm sewer)
			AWWA C906[3]	

[1] If one material is continuously used in several machines or sizes, then when a steady-state operation is obtained on each machine, sample selection shall be from a different extruder each day and rotated in sequence among all machines or sizes.

[2] Pipe and tubing compliant to AWWA C901 shall follow the QC requirements of AWWA C901.

[3] Pipe and tubing compliant to AWWA C906 shall follow the QC requirements of AWWA C906.

[4] Burst pressure is not required for pipe listed to CSA B137.1 and CSA B137.18.

[5] Burst test for pipe sizes 24-63" are tested once per week.

[6] Degree of crosslinking samples shall be taken from normal production after the point in the process where the crosslinking reaction is nominally complete.

[7] Excessive temperature only applies to F2769

Tracking Number 49i86r1
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Revision to NSF/ANSI 49-2014
Issue 86, Draft 1 (April 2016)

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

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Annex A
(normative)

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A.6.3 Personnel protection test (system challenged with 1 x 10^8 to 8 x 10^8 *B. subtilis* spores in 5 min)

A.6.3.1 Method

f) Filter the sampling fluid from all of the AGI-30 samplers[30] through a 1.85 in (47.0 mm) diameter 0.22 µm membrane filter, remove the filter aseptically, and place it on appropriate media. Incubate plates containing the filters and plates from the slit-type air samplers at ~~98.6 °F (37.0°C)~~ 97.0 ± 2°F (36.1 ± 1°C). ~~Examine themat 24 – 48 h, and if negative, re-incubate and~~ Rread plates at ~~at~~ 44 – 48 h of incubation. If plates are overgrown with a contaminant other than the challenge organism, the test shall be considered invalid and retested.

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A.6.4 Product protection test (system challenged by 1 x 10^6 to 8 x 10^6 *B. subtilis* spores in 5 min)

A.6.4.1 Method

g) The plates shall be incubated at ~~98.6 °F (37.0°C)~~ 97.0 ± 2°F (36.1 ± 1°C) ~~and examined at 24 – 48 h. If negative, they shall be re-incubated~~ and read at 44 – 48 h. If plates are overgrown with a contaminant other than the challenge organism, the test shall be considered invalid and retested.

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A.6.5 Cross-contamination test (system challenged by 1 x 10^4 to 8 x 10^4 *B. subtilis* spores for 5 min)

A.6.5.1 Method

e) After 15 min, place the covers on the open agar plates. Incubate the plates at ~~98.6 °F (37.0°C)~~ 97.0 ± 2°F (36.1 ± 1°C) ~~and examine them at 24 – 48 h. If negative, re-incubate~~ and read at 44 – 48 h. If plates are overgrown with a contaminant other than the challenge organism, the test shall be considered invalid and retested.

Rationale regarding incubation time: *The 24 hour check adds substantial work with limited value. Plates must be incubated for at least 44 hours unless they are positive. There is no concern of plate overgrowth after 44-48 hours because the morphology of Bacillus atropheus ATCC 9372 on TSA plates makes them easily counted and distinguished from one colony to another, even after more than 48 hours incubation.*

Rationale regarding incubation temperature: *The current language provides only a specific temperature point. The addition of a tolerance range adds clarity, and the proposed revision has been rigorously used for many years so the precedent is established.*

BSR/UL 67, Standard for Safety for Panelboards

1. Revisions to Service Barrier Requirements (Section 5.4)

PROPOSAL

5.4.2 Panelboards with provisions for only a single service disconnect shall be constructed such that, with the service disconnect in the off position, no ungrounded uninsulated live part is exposed to inadvertent contact by persons while servicing any field connected load terminal, including a neutral load terminal, a branch circuit equipment grounding terminal, or the neutral disconnect link. Exposure to inadvertent contact is determined by use of the probe illustrated in Figure 5.1. If restriction to the line-side of the service disconnect is dependent on the installation of field installed service conductors, conductors sized in accordance with 11.1.10 shall be installed in the terminals when determining exposure to inadvertent contact. All live parts of the line side service terminal, including the connector body and pressure screw, shall be evaluated.

NOTE: In accordance with the Standard for Electrical Safety in the Workplace, NFPA 70E, an electrically safe work condition should be established prior to working on electrical equipment. Accessibility requirements do not endorse working on energized electrical equipment.

5.4.3 Metal barriers provided to limit exposure to inadvertent contact shall:

a) Have a thickness not less than 0.032 inch (0.81 mm) if uncoated, not less than 0.034 inch (0.86 mm) if galvanized, and not less than 0.050 inch (1.27 mm) if aluminum.

b) Be constructed so that it can be readily ~~installed and~~ removed or repositioned, and then re-installed, without the likelihood of contacting bare live parts or damage the insulation of any insulated live part.

Exception: Factory installed barriers that limit access to factory installed wiring and terminations are not required to be constructed so that they can be removed or repositioned.

5.4.4 Nonmetallic barriers provided to limit exposure to inadvertent contact shall:

a) Comply with requirements in 14.3.3 for barriers used in conjunction with a minimum air space of 0.013 inch (0.33 mm).

b) Be constructed so that it can be readily ~~installed and~~ removed or repositioned, and then re-installed, to allow access to the terminal for servicing.

Exception: Factory installed barriers that limit access to factory installed wiring and terminations are not required to be constructed so that they can be removed or repositioned.

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

4. Withdrawal of Proposal: Exception of 17.1.2

PROPOSAL

If the 2015-11-20 proposal is withdrawn, the current requirements in the standard would remain unchanged as shown below:

17.1.2 A lamp lens shall be protected against mechanical damage by bars, grids, recessing, or equivalent means.

BSR/UL 1569, Standard for Metal-Clad Cables

1. Revision to permit Ground/Bond conductor to be laid straight for MC Cable having interlocked armor that is intended for use as a ground path and to permit conductors sized 18 and 16 AWG in addition to the prescribed 14-6 AWG size range

PROPOSAL

6.1.6 Cable with ~~14~~ 18 - 6 AWG insulated conductors having interlocked armor that is intended for use as a ground path, shall contain a bare aluminum grounding/bonding conductor cabled with the insulated conductors. Cable with interlocked armor and a binder tape in accordance with 12.1 - 12.5 shall have the grounding/bonding conductor positioned over the binder tape and located in one of the interstices and in direct contact with the interlocked armor. Cable with interlocked aluminum or zinc-coated steel armor and insulated conductors with a protective covering in accordance with 12.6 shall have the bare aluminum grounding/bonding conductor ~~cabled~~ laid (cabled or straight) with the insulated conductors and in direct contact with the interlocked armor. A protective cover shall not be required for groups of insulated conductors under a binder jacket in accordance with 9.3 or enclosed in an inner jacket in accordance with 9.4.1. See Table 9.1 for appropriate wet and dry ratings. The grounding/bonding conductor shall not be smaller than indicated under the heading "Grounding Conductor" in Table 6.1 [90°C (194°F) circuit conductors] or in Table 6.2 [75°C (167°F) circuit conductors] and shall not be sectioned. One or more additional copper, aluminum, or copper-clad aluminum grounding conductors may be provided. Each additional grounding conductor shall not be sectioned and shall not be smaller than indicated in Table 6.1 or 6.2. If an additional grounding conductor is provided, it shall be insulated in accordance with 43.1 - 43.3. See 6.1.11.

9.2.4 A required grounding conductor shall be laid (cabled or straight) with the circuit conductors either as a single conductor or divided into two or more equal parts with each such part or section laid separately. Every additional grounding conductor shall be laid (cabled or straight) with the circuit conductors. Any grounding conductor may be the central conductor in a cable in which the circuit conductors are cabled but otherwise shall not be laid straight if the conductors are cabled. Where the interlocked armor is intended as a ground path for insulated conductors with a protective covering in accordance with 12.6, the ground/bond conductor may be laid (cabled or straight) with the insulated circuit conductors. The grounding conductor in a single-conductor cable may be distributed helically around the insulated conductor with a lay length not exceeding 15 times the diameter measured over the insulated conductor. No part of a helically distributed grounding conductor in a single-conductor cable shall be smaller than 18 AWG.

2. Revised length of lay requirement for the signal and/or control cables within a pre-cabled group

PROPOSAL

Table 9.2

Length of lay of insulated conductors and precabled groups in a round cable[a]

Number of insulated conductors in a cable	Maximum acceptable length of lay

not containing groups of insulated conductors or number of insulated conductors in a group or number of groups in a cable containing groups of insulated conductors	
2	30 times conductor or group diameter[a b]
3	35 times conductor or group diameter[a b]
4	40 times conductor or group diameter[a b]
5 or more	15 times the calculated overall diameter of the group or overall assembly but, in a multiple-layer cable, the length of lay of the conductors or group in each of the inner layers is not specified (governed by the construction of the cabling machine)

[a]The length of lay of the signal and/or control cables within a pre-cabled group per section 9.4.1 consisting of 12 or fewer twisted pairs or 2, 3, or 4 single insulated conductors may have the pairs or insulated conductors laid straight. For all other constructions the length of lay is not specified. [a b] "Conductors or group diameter" is the calculated diameter over the largest individual, finished circuit conductor or group of conductors in the cable.

9.4.2 See footnote a in Table 9.2 for the length of lay of the signal and/or control cables within a pre-cabled group.