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American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

Comment Deadline: July 17, 2016

NSF (NSF International)

Revision

BSR/NSF 14-201x (i62r2), Plastics piping system components and related materials (revision of ANSI/NSF 14-2015)

The physical, performance, and health effects requirements in this Standard apply to thermoplastic and thermoset plastic piping system components including, but not limited to, pipes, fittings, valves, joining materials, gaskets, and appurtenances.

[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 363-201x (i2r1), Good Manufacturing Practices (GMP) for Pharmaceutical Excipients (revision of ANSI/NSF 363-2014)

The purpose of NSF/IPEC/ANSI 363 is to serve as an evaluation tool for analyzing pharmaceutical excipients. Certification to this Standard serves as a communication tool between manufacturers of excipients and finished product, pharmaceutical regulators, pharmacy organizations, and consumers. This Standard provides guidance to allow for the determination that a pharmaceutical excipient is within the specifications stated by the manufacturer, either qualitatively or quantitatively, and that it does not contain specific undeclared contaminants. In some instances, validated laboratory methods are not yet available for analyzing certain ingredients.

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

Send comments (with copy to psa@ansi.org) to: Rachel Brooker, (734) 827-6866, rbrooker@nsf.org

NSF (NSF International)

Revision

BSR/NSF 363-201x (i3r1), Good Manufacturing Practices (GMP) for Pharmaceutical Excipients (revision of ANSI/NSF 363-2014)

The purpose of NSF/IPEC/ANSI 363 is to serve as an evaluation tool for analyzing pharmaceutical excipients. Certification to this Standard serves as a communication tool between manufacturers of excipients and finished product, pharmaceutical regulators, pharmacy organizations, and consumers. This Standard provides guidance to allow for the determination that a pharmaceutical excipient is within the specifications stated by the manufacturer, either qualitatively or quantitatively, and that it does not contain specific undeclared contaminants. In some instances, validated laboratory methods are not yet available for analyzing certain ingredients.

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

Send comments (with copy to psa@ansi.org) to: Rachel Brooker, (734) 827-6866, rbrooker@nsf.org

NSF (NSF International)

Revision

BSR/NSF 363-201x (i4r1), Good Manufacturing Practices (GMP) for Pharmaceutical Excipients (revision of ANSI/NSF 363-2014)

The purpose of NSF/IPEC/ANSI 363 is to serve as an evaluation tool for analyzing pharmaceutical excipients. Certification to this Standard serves as a communication tool between manufacturers of excipients and finished product, pharmaceutical regulators, pharmacy organizations, and consumers. This Standard provides guidance to allow for the determination that a pharmaceutical excipient is within the specifications stated by the manufacturer, either qualitatively or quantitatively, and that it does not contain specific undeclared contaminants. In some instances, validated laboratory methods are not yet available for analyzing certain ingredients.

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

Send comments (with copy to psa@ansi.org) to: Rachel Brooker, (734) 827-6866, rbrooker@nsf.org

NSF (NSF International)

Revision

BSR/NSF 363-201x (i5r1), Good Manufacturing Practices (GMP) for Pharmaceutical Excipients (revision of ANSI/NSF 363-2014)

The purpose of NSF/IPEC/ANSI 363 is to serve as an evaluation tool for analyzing pharmaceutical excipients. Certification to this Standard serves as a communication tool between manufacturers of excipients and finished product, pharmaceutical regulators, pharmacy organizations, and consumers. This Standard provides guidance to allow for the determination that a pharmaceutical excipient is within the specifications stated by the manufacturer, either qualitatively or quantitatively, and that it does not contain specific undeclared contaminants. In some instances, validated laboratory methods are not yet available for analyzing certain ingredients.

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

Send comments (with copy to psa@ansi.org) to: Rachel Brooker, (734) 827-6866, rbrooker@nsf.org

NSF (NSF International)

Revision

BSR/NSF 363-201x (i6r1), Good Manufacturing Practices (GMP) for Pharmaceutical Excipients (revision of ANSI/NSF 363-2014)

The purpose of NSF/IPEC/ANSI 363 is to serve as an evaluation tool for analyzing pharmaceutical excipients. Certification to this Standard serves as a communication tool between manufacturers of excipients and finished product, pharmaceutical regulators, pharmacy organizations, and consumers. This Standard provides guidance to allow for the determination that a pharmaceutical excipient is within the specifications stated by the manufacturer, either qualitatively or quantitatively, and that it does not contain specific undeclared contaminants. In some instances, validated laboratory methods are not yet available for analyzing certain ingredients.

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

Send comments (with copy to psa@ansi.org) to: Rachel Brooker, (734) 827-6866, rbrooker@nsf.org

NSF (NSF International)**Revision**

BSR/NSF 363-201x (i7r1), Good Manufacturing Practices (GMP) for Pharmaceutical Excipients (revision of ANSI/NSF 363-2014)

The purpose of NSF/IPEC/ANSI 363 is to serve as an evaluation tool for analyzing pharmaceutical excipients. Certification to this Standard serves as a communication tool between manufacturers of excipients and finished product, pharmaceutical regulators, pharmacy organizations, and consumers. This Standard provides guidance to allow for the determination that a pharmaceutical excipient is within the specifications stated by the manufacturer, either qualitatively or quantitatively, and that it does not contain specific undeclared contaminants. In some instances, validated laboratory methods are not yet available for analyzing certain ingredients.

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

Send comments (with copy to psa@ansi.org) to: Rachel Brooker, (734) 827-6866, rbrooker@nsf.org

NSF (NSF International)**Revision**

BSR/NSF 363-201x (i8r1), Good Manufacturing Practices (GMP) for Pharmaceutical Excipients (revision of ANSI/NSF 363-2014)

The purpose of NSF/IPEC/ANSI 363 is to serve as an evaluation tool for analyzing pharmaceutical excipients. Certification to this Standard serves as a communication tool between manufacturers of excipients and finished product, pharmaceutical regulators, pharmacy organizations, and consumers. This Standard provides guidance to allow for the determination that a pharmaceutical excipient is within the specifications stated by the manufacturer, either qualitatively or quantitatively, and that it does not contain specific undeclared contaminants. In some instances, validated laboratory methods are not yet available for analyzing certain ingredients.

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

Send comments (with copy to psa@ansi.org) to: Rachel Brooker, (734) 827-6866, rbrooker@nsf.org

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

BSR/UL 67-201X, Standard for Safety for Panelboards (Proposal dated 06-17-16) (revision of ANSI/UL 67-2015)

Revisions to add new requirements for testing and marking in section 15, section 19, and section 32.

[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 1077-201X, Standard for Safety for Supplementary Protectors for Use in Electrical Equipment (revision of ANSI/UL 1077-2015)

Clarification for measuring spacings as described in table 16.1.

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

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

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

BSR/UL 1086-201x, Standard for Safety for Household Trash Compactors (revision of ANSI/UL 1086-2015)

(1) Proposed addition of alternate method for evaluating protective electronic circuits and controls using requirements based on the Standard for Safety of Household and Similar Electrical Appliances, Part 1: General Requirements, UL 60335-1.

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

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

Comment Deadline: August 1, 2016**ASC X9 (Accredited Standards Committee X9, Incorporated)****Revision**

BSR X9.24 Part 1-201x, Retail Financial Services Symmetric Key Management - Part 1: Using Symmetric Techniques (revision of ANSI X9.24 Part 1-2009)

Adjust the standard to allow AES algorithms and set security standards for AES keys. Increase security measure to protect keys and align with current industry practices.

Single copy price: \$140.00

Ambria.Frazier@x9.org

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

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

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

BSR/ASSE A10.33-2011 (R201x), Safety and Health Program Requirements for Multi-Employer Program (reaffirmation of ANSI ASSE A10.33-2011)

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

Single copy price: \$70.00

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

ASSE (ASC Z359) (American Society of Safety Engineers)**New Standard**

BSR ASSE Z359.16-201X, Safety Requirements for Climbing Ladder Fall Arrest Systems (new standard)

This standard establishes requirements for the performance, design, marking, qualification testing, instructions for use, inspection, maintenance and storage, and removal from service of vertically oriented climbing ladder fall arrest systems consisting of flexible and rigid carriers with multiple attachment points and associated carrier sleeves for users within the capacity range of 130 to 310 pounds (59 to 141 kg). See Figure 1 for examples of climbing-ladder fall-arrest systems equipment.

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

ASSE (ASC Z359) (American Society of Safety Engineers)**Revision**

BSR ASSE Z359.3-201x, Safety Requirements for Lanyards and Positioning Lanyards (revision of ANSI/ASSE Z359.3-2007)

This standard establishes requirements for the performance, design, marking, qualification and verification testing and instructions for lanyards and positioning lanyards for authorized persons within the capacity range of 130 to 310 pounds (59 to 140 kg). (Note: The title and scope are changed from the original 2007 version.)

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

BHMA (Builders Hardware Manufacturers Association)**Revision**

BSR/BHMA A156.36-201x, Auxiliary Locks (revision of ANSI/BHMA A156.36-2010)

ANSI/BHMA A156.36 establishes requirements for Auxiliary Locks, and includes dimensional criteria and five classifications of tests: operational, cycle, strength, security, and finish. This Standard was formerly part of ANSI/BHMA A156.5 for Auxiliary Locks and Associated Products. Tests described in this Standard are performed under laboratory conditions. In actual usage, results vary because of installation, maintenance, and environmental conditions. Manufacturers shall indicate the Grade level to which their product is certified. Products shall meet all Grade requirements for tests listed in 1.1. A Grade 1 product shall meet all Grade 1 criteria in each classification.

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

Obtain an electronic copy from: mtierney@kellencompany.com

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

Send comments (with copy to psa@ansi.org) to: Michael Tierney, BHMA, mtierney@kellencompany.com

BIFMA (Business and Institutional Furniture Manufacturers Association)**Revision**

BSR/BIFMA X5.1-201X, General-Purpose Office Chairs - Tests (revision of ANSI/BIFMA X5.1-2011)

This standard is intended to provide manufacturers, specifiers, and users with a common basis for evaluating the safety, durability, and structural adequacy of general-purpose office chairs.

Single copy price: Free

Obtain an electronic copy from: dpanning@bifma.org

Order from: David Panning, (616) 285-3963, dpanning@bifma.org

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

ESTA (Entertainment Services and Technology Association)**New Standard**

BSR E1.51-201x, The Selection, Installation, and Use of Single-Conductor Portable Power Feeder Cable Systems for Use at 600 Volts Nominal or Less for the Distribution of Electrical Energy in the Television, Film, Live Performance, and Event Industries in Canada (new standard)

E1.51 is intended to offer guidance, in the context of applicable standards and regulations in Canada, on how to select, install, use, and maintain single-conductor portable feeder cables used to supply power for television, film, live performance, and special events in Canada.

Single copy price: Free

Obtain an electronic copy from: http://tsp.esta.org/tsp/documents/public_review_docs.php

Order from: Karl Ruling, (212) 244-1505, standards@esta.org

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

NECA (National Electrical Contractors Association)**Revision**

BSR/NECA 301-201x, Standard for Installing and Testing Fiber Optic Cables (revision of ANSI/NECA/FOA 301-2010)

This standard describes procedures for installing and testing cabling networks that use fiber optic cables and related components to carry signals for communications, security, control and similar purposes. It defines a minimum level of quality for fiber optic cable installations.

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 C78.901-201X, Electric Lamps - Single-Based Fluorescent Lamps - Dimensional and Electrical Characteristics (revision of ANSI ANSLG C78.901-2014)

The scope of this project is to update the Programmed Start Requirements for three datasheets and slightly revise Section 6 to help clarify which lamps are included in the Methods of Measurement.

Single copy price: \$500.00

michael.erbesfeld@nema.org

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

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

NEMA (ASC C8) (National Electrical Manufacturers Association)**New Standard**

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

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 crosslinked 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.

Single copy price: \$129.00

Kevin.Connelly@Nema.org

Order from: Kevin Connelly, (703) 841-3299, Kevin.Connelly@Nema.org

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

SPI (The Society of the Plastics Industry, Inc.)**Revision**

BSR/SPI B151.1-201x, Safety Requirements for Injection Molding Machines (revision of ANSI/SPI B151.1-2007 (R2013), ANSI/SPI B151.29-2002 (R2013))

The requirements of this standard shall apply to Horizontal and Vertical Clamp Injection Molding Machines (HCIMMs and VCIMMs) that process plastic materials and inject said material into a mold(s) held closed by the acting clamp. IMM suppliers and users shall use the risk assessment process in the manufacture, maintenance, and use of the machinery to eliminate or reduce risk. Deviations from the requirements of this standard shall be based on a documented risk assessment that demonstrates acceptable residual risk. Safety requirements for the use of ancillary equipment or molds for IMMs are not covered by this standard.

Single copy price: \$10.00

Obtain an electronic copy from: dfelinski@b11standards.org

Order from: David Felinski, (832) 446-6999, DFelinski@plasticsindustry.org

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

TAPPI (Technical Association of the Pulp and Paper Industry)**Revision**

BSR/TAPPI T 578 sp-2016, Accelerated light aging of printing and writing paper by xenon-arc exposure apparatus (revision of ANSI/TAPPI T 578 sp-2011)

This standard practice describes a laboratory procedure for the exposure of printing and writing paper to xenon-arc light at elevated levels of light flux to permit accelerated aging of that type of paper.

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 141-2011 (R201x), Standard for Safety for Garment Finishing Appliances (Proposal dated 6-17-16) (reaffirmation of ANSI/UL 141-2011) Reaffirmation and continuance of the ninth edition of the Standard for Garment Finishing Appliances, UL 141, as an American National Standard.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

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

BSR/UL 1022-2012 (R201x), Standard for Safety for Line Isolation Monitors (reaffirmation of ANSI/UL 1022-2012)

(1) Reaffirmation and continuance of the fifth edition of the Standard for Safety for Line Isolation Monitors, UL 1022, as an American National Standard.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

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

BSR/UL 60745-2-1-2011 (R201x), Standard for Safety for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-1: Particular Requirements for Drills and Impact Drills (reaffirmation of ANSI/UL 60745-2-1-2011)

(1) Reaffirmation and continuance of the second edition of the Standard for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-1: Particular Requirements for Drills and Impact Drills, UL 60745-2-1, as an American National Standard, as an American National Standard.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

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

BSR/UL 147B-201x, Standard for Safety for Nonrefillable (Disposable) Type Metal Container Assemblies for Butane (revision of ANSI/UL 147B-2008 (R2013))

The following topic is being recirculated: Withdrawal of proposal dated 12-04-2015 to add cylinder connection dimensions.

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: Marcia Kawate, Marcia.M.Kawate@ul.com

Comment Deadline: August 16, 2016

ASME (American Society of Mechanical Engineers)

New Standard

BSR/ASME B5.62-200x, Hollow Taper Tooling with Flange-Face Contact
(new standard)

This Standard covers basic toolholder shanks with a hollow 1:9.98 taper, and simultaneous contact face and taper mating surfaces that are applicable to a range of machine tool applications. Nominal flange diameters from 25 mm to 160 mm and Forms A, B, C, D, E, F, and T are covered by this standard.

Single copy price: Free

Order from: Mayra Santiago, (212) 591-8521, ansibox@asme.org

Send comments (with copy to psa@ansi.org) to: Donnie Alonzo, (212) 591-7004, dalonzo@asme.org

Approval Withdrawn

ANSI/ASME B18.6.1-1981 (R2016), Wood Screws – Inch

At the request of ASME, the recent approval of the reaffirmation of ANSI/ASME B18.6.1-1981 (R2016) has been withdrawn. ANSI/ASME B18.6.1-1981 (R2008) remains an American National Standard. Questions may be directed to: Angel Guzman; guzmana@asme.org; (212) 591-8018.

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.

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 A10.33-2011 (R201x), Safety and Health Program Requirements for Multi-Employer Program (reaffirmation of ANSI ASSE A10.33-2011)

Obtain an electronic copy from: Tim Fisher

ASSE (ASC Z359) (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 Z359.3-201x, Safety Requirements for Lanyards and Positioning Lanyards (revision of ANSI ASSE Z359.3-2007)

Obtain an electronic copy from: Tim Fisher

BHMA (Builders Hardware Manufacturers Association)

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

Contact: *Emily Brochstein*

Phone: (212) 297-2126

Fax: (212) 370-9047

E-mail: ebrochstein@kellencompany.com

BSR/BHMA A156.36-201x, Auxilliary Locks (revision of ANSI/BHMA A156.36-2010)

Obtain an electronic copy from: mtierney@kellencompany.com

MSS (Manufacturers Standardization Society)

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

Contact: *Robert O'Neill*

Phone: (703) 281-6613

Fax: (703) 281-6671

E-mail: boneill@mss-hq.org

BSR/MSS SP-44-201x, Steel Pipeline Flanges (revision and redesignation of ANSI/MSS SP-44-2010 (incl. 2011 Errata))

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 301-201x, Standard for Installing and Testing Fiber (revision of ANSI/NECA/FOA 301-2010)

Obtain an electronic copy from: neis@necanet.org

NSF (NSF International)

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

Contact: *Lauren Panoff*

Phone: (734) 769-5197

E-mail: lpanoff@nsf.org

BSR/NSF 14-201x (i62r2), Plastics piping system components and related materials (revision of ANSI/NSF 14-2015)

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 444 om-201x, Silver tarnishing by paper and paperboard (revision of ANSI/TAPPI T 444 om-2012)

BSR/TAPPI T 530 om-201x, Size test for paper by ink resistance (Hercules-type method) (revision of ANSI/TAPPI T 530 om-2012)

Call for Members (ANS Consensus Bodies)

Targeted Outreach

Rubber Manufacturers Association (RMA)

ANSI B28.1, Safety Specifications for Mills and Calenders in the Rubber Industry

The Rubber Manufacturers Association (RMA) is conducting targeted outreach to add users and producers to address imbalance on the canvass list for ANSI B28.1, Safety Specifications for Mills and Calenders in the Rubber Industry. Interest category examples include:

- **Producers:** Rubber Product Manufacturers who use this standard to design and produce their product.
- **Users:** Distributors, Engineering Firms, Designers and Specifiers, and Customers who use this standard as a reference in developing requirements.
- **General Interest:** Others interested in this basic standard of the rubber product manufacturing industry.

If you know of individuals or organizations from the user or producer categories interested in being added to the canvass list, please e-mail Jesse Levine at jlevine@rma.org no later than July 1, 2016.

Call for Members (ANS Consensus Bodies)

Call for Committee Members

ASC O1

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

- General Interest
- Government
- Producer
- User

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

Final Actions on American National Standards

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

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

New Standard

ANSI/ASHRAE Standard 41.8-2016, Standard Methods for Liquid Flow Measurement (new standard): 6/1/2006

ANSI/ASHRAE Standard 199-2016, Method of Testing the Performance of Industrial Pulse Cleaned Dust Collectors (new standard): 6/1/2016

ASME (American Society of Mechanical Engineers)

Revision

ANSI/ASME B31.1-2016, Power Piping (revision of ANSI/ASME B31.1-2014): 5/31/2016

ASTM (ASTM International)

New Standard

ANSI/ASTM F3188-2016, Specification for Crumb Rubber Used as Synthetic Turf Infill (new standard): 6/1/2016

Revision

ANSI/ASTM E2187-2016, Test Method for Measuring the Ignition Strength of Cigarettes (revision of ANSI/ASTM E2187-2009): 6/1/2016

ANSI/ASTM F381-2016, Safety Specification for Components, Assembly, Use, and Labeling of Consumer Trampolines (revision of ANSI/ASTM F381-2015): 6/1/2016

ANSI/ASTM F2654-2016, Specification for Airsoft Gun Warnings (revision of ANSI/ASTM F2654-2015): 6/1/2016

AWWA (American Water Works Association)

Revision

ANSI/AWWA C903-2016, Polyethylene-Aluminum-Polyethylene (PE-AL-PE) Composite Pressure Pipe, 12 mm (1/2 In.) Through 51 mm (2 In.) for Water Service (revision of ANSI/AWWA C903-2005): 5/31/2016

NSF (NSF International)

Revision

* ANSI/NSF 50-2016 (i112), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2015): 5/31/2016

UL (Underwriters Laboratories, Inc.)

Revision

ANSI/UL 1973-2016, Standard for Batteries for Use In Light Electric Rail (LER) Applications and Stationary Applications (revision of ANSI/UL 1973-2013): 6/1/2016

ANSI/UL 1973-2016a, Standard for Batteries for Use In Light Electric Rail (LER) Applications and Stationary Applications (revision of ANSI/UL 1973-2013): 6/1/2016

ANSI/UL 1973-2016b, Standard for Batteries for Use In Light Electric Rail (LER) Applications and Stationary Applications (revision of ANSI/UL 1973-2013): 6/1/2016

ANSI/UL 1973-2016c, Standard for Batteries for Use In Light Electric Rail (LER) Applications and Stationary Applications (revision of ANSI/UL 1973-2013): 6/1/2016

Project Initiation Notification System (PINS)

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

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

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

ASME (American Society of Mechanical Engineers)

Office: Two Park Avenue
New York, NY 10016

Contact: *Mayra Santiago*

Fax: (212) 591-8501

E-mail: ansibox@asme.org

BSR/ASME PCC-3-201x, Inspection Planning Using Risk Based Methods (revision of ANSI/ASME PCC 3-2007 (R2012))

Stakeholders: Users, manufacturers, distributors, consultants, government.

Project Need: This standard provides updates to 2007 edition of the guidelines for Inspection Planning Using Risk-Based Methods.

The risk analysis principles, guidance, and implementation strategies presented in this Standard are broadly applicable; however, this Standard has been specifically developed for applications involving fixed-pressure-containing equipment and components. It provides guidance to owners, operators, and designers of pressure-containing equipment for developing and implementing an inspection program. These guidelines include means for assessing an inspection program and its plan.

ATIS (Alliance for Telecommunications Industry Solutions)

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

Contact: *Alexandra Blasgen*

E-mail: ablasgen@atis.org

BSR/ATIS 0600005-201x, Acoustic Measurement (revision of ANSI/ATIS 0600005-2006 (R2011))

Stakeholders: Communications industry.

Project Need: Acoustic noise limits and declared value methods will be harmonized with current industry standards as outlined in ECMA 109 (6th Edition) and ISO 9296 (2nd Edition).

Acoustic noise from telecom equipment adds to regulated environmental noise. This standard provides measurement methods for acoustic noise that are accurate and repeatable. Emission limits are set in units of sound power for equipment installed in temperature-controlled environments.

AWS (American Welding Society)

Office: 8669 NW 36th Street, Suite 130
Miami, FL 33166

Contact: *Andre Naumann*

Fax: (305) 443-5951

E-mail: anaumann@aws.org

BSR/AWS G2.1M/G2.1-201x, Guide for the Joining of Wrought Nickel-Based Alloys (revision of ANSI/AWS G2.1M/G2.1-2012)

Stakeholders: Manufacturers, designers, welding engineers, welders.

Project Need: The nickel alloys are readily weldable using techniques similar to those used to weld the austenitic stainless steels. However, there are some differences of which the welder should be aware. This document guides the designer, welding engineer, and welder through the basics of welding these alloys.

This document describes the welding of different wrought nickel-based alloys, including solid-solution and precipitation-hardening alloys. Included are: descriptions of the alloys, filler metal selection, joint design recommendations, and a discussion of the appropriate welding processes.

BSR/AWS G2.5/G2.5M-201x, Guide for the Fusion Welding of Zirconium and Zirconium Alloys (revision of ANSI/AWS G2.5/G2.5M-2012)

Stakeholders: Equipment fabricators world-wide, engineering companies, maintenance welders, chemical companies who use zirconium equipment, repair welders.

Project Need: This document is needed to provide proper procedures and instructions for those companies fabricating and using zirconium equipment world-wide. More and more severe corrosive applications are being specified in zirconium, but no guide is available that shows the proper procedures for welding this material.

The standard Guide for the Fusion Welding of Zirconium and Zirconium Alloys provides instructional guidance for the welding of zirconium and zirconium alloys. This guide explains processes, equipment, materials, workshop practices, joint preparation, welding techniques, tests, and the repair of defects.

MSS (Manufacturers Standardization Society)

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

Contact: Robert O'Neill

Fax: (703) 281-6671

E-mail: boneill@mss-hq.org

BSR/MSS SP-44-201x, Steel Pipeline Flanges (revision and redesignation of ANSI/MSS SP-44-2010 (incl. 2011 Errata))

Stakeholders: Paper, chemical, petroleum production and transport, petrochemical, nuclear power, hydroelectric power, and those involved with fossil fuel power flanged piping joints, including valve and fitting systems.

Project Need: This is a current ANS that is widely employed in valve and piping industries and referenced in other industry and ANSI-approved standards. Offers a national standard for NPS 12 to NPS 60 flanges for high-yield strength materials not covered by current national standards. Referenced in Federal CFR. 2016 edition is substantially revised.

Covers pressure-temperature ratings, materials, dimensions, tolerances, marking, and testing for steel pipeline flanges. The welding neck type flanges shall be forged steel, and the blind flanges may be made from either forged steel or from steel plate. Dimensional and tolerance requirements for NPS 10 and smaller are provided by reference to ASME B16.5. Note that SP-44 covers construction details not covered by another current standard, including P/T ratings, of products made of high-yield strength materials (e.g., for users that have flanged joints, flanged valves, and flanged fittings).

NEMA (ASC W1) (National Electrical Manufacturers Association)

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

Contact: Kevin Connolly

E-mail: Kevin.Connolly@Nema.org

BSR/NEMA EW 4-201X, Graphic Symbols for Arc-Welding and Cutting Apparatus (new standard)

Stakeholders: Welding/cutting manufacturers, users, safety agencies.

Project Need: Creates graphic symbols for Arc-Welding and Cutting Apparatus Community.

This publication provides graphic symbols for arc welding and cutting equipment, including those symbols used to identify controls, indicators, connection points, operations, functions, commands and processes. This publication does not cover graphic symbols used to alert personnel of immediate or potential personnel hazards in the use of equipment.

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Peachtree Corners, GA 30092

Contact: Laurence Womack

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 444 om-201x, Silver tarnishing by paper and paperboard (revision of ANSI/TAPPI T 444 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 is for identifying papers and boards that will tarnish or stain silver. The appearance of the tarnish or stain of silver by a test specimen of the sample is reported, together with the distribution of the tarnishing or staining. Reducible sulfur activity is a common cause of tarnishing.

BSR/TAPPI T 530 om-201x, Size test for paper by ink resistance (Hercules-type method) (revision of ANSI/TAPPI T 530 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.

Ink resistance by the Hercules method is best classified as a direct measurement test for the degree of penetration. Others classify it as a rate-of-penetration test. There is no one best test for measuring "sizing." Test selection depends on end use and mill control needs. This method is especially suitable for use as a mill control sizing test to accurately detect changes in sizing level. It offers the sensitivity of the ink float test while providing reproducible results, shorter test times, and automatic end-point determination.

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.

ASC X9

Accredited Standards Committee X9,
Incorporated
275 West Street
Suite 107
Annapolis, MD 21401
Phone: (410) 267-7707
Web: www.x9.org

ASHRAE

American Society of Heating,
Refrigerating and Air-Conditioning
Engineers, Inc.
1791 Tullie Circle, NE
Atlanta, GA 30329
Phone: (404) 636-8400
Fax: (404) 321-5478
Web: www.ashrae.org

ASME

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

ASSE (Safety)

American Society of Safety Engineers
520 N. Northwest Highway
Park Ridge, IL 60068
Phone: (847) 768-3411
Fax: (847) 296-9221
Web: www.asse.org

ASTM

ASTM International
100 Barr Harbor Drive
West Conshohocken, PA 19428-2959
Phone: (610) 832-9744
Fax: (610) 834-3683
Web: www.astm.org

ATIS

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

AWS

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

AWWA

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

BHMA

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

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

ESTA

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

MSS

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

NECA

National Electrical Contractors
Association
3 Bethesda Metro Center
Suite 1100
Bethesda, MD 20814
Phone: (301) 215-4549
Fax: (301) 215-4500
Web: www.neca-neis.org

NEMA (ASC C78)

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

NEMA (ASC C8)

National Electrical Manufacturers
Association
1300 North 17th Street
Rosslyn, VA 22209
Phone: (703) 841-3299
Web: www.nema.org

NEMA (ASC W1)

National Electrical Manufacturers
Association
1300 North 17th Street
Suite 900
Rosslyn, VA 22209
Phone: (703) 841-3299
Web: www.nema.org

NSF

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

SPI

The Society of the Plastics Industry,
Inc.
POB 690905
Houston, TX 77269
Phone: (832) 446-6999
Web: www.plasticsindustry.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

UL

Underwriters Laboratories, Inc.
333 Pfingsten Road
Northbrook, IL 60062-2096
Phone: (847) 664-2850
Fax: (847) 664-2850
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

ACOUSTICS (TC 43)

ISO 16283-1/DAmD1, Acoustics - Field measurement of sound insulation in buildings and of building elements - Part 1: Airborne sound insulation - Amendment 1 - 6/30/2016, \$33.00

AGRICULTURAL FOOD PRODUCTS (TC 34)

ISO/DIS 2451, Cocoa beans - Specification and quality requirements - 8/31/2016, \$77.00

ISO/DIS 19657, Definitions and technical criteria for food ingredients to be considered as natural - 6/29/2016, \$33.00

CLEANING EQUIPMENT FOR AIR AND OTHER GASES (TC 142)

ISO/DIS 29464, Cleaning of air and other gases - Terminology - 8/31/2016, \$119.00

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

ISO/DIS 19596, Admixtures for concrete - 6/30/2016, \$93.00

CRANES (TC 96)

ISO/DIS 9927-5, Cranes - Inspections - Part 5: Bridge and gantry cranes, including portal and semi-portal cranes and their supporting structures - 9/1/2016, \$62.00

DENTISTRY (TC 106)

ISO/DIS 19448, Dentistry - Analysis of Fluoride Concentration in Aqueous Solutions by use of Fluoride-Ion Selective Electrode - 6/29/2016, \$53.00

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

ISO/DIS 14253-1, Geometrical product specifications (GPS) - Inspection by measurement of workpieces and measuring equipment - Part 1: Decision rules for verifying conformity or nonconformity with specifications - 6/29/2016, \$82.00

FIRE SAFETY (TC 92)

ISO/DIS 17755-2, Fire safety - Statistical data collection - Part 2: Definition of terms - 8/31/2016, \$62.00

FLUID POWER SYSTEMS (TC 131)

ISO/DIS 3968, Hydraulic fluid power - Filters - Evaluation of differential pressure versus flow - 7/7/2016, \$71.00

ISO/DIS 6164, Hydraulic fluid power - Four-screw, one-piece square flange connections for use at pressures of 42 MPa, DN 10 to 80 - 6/30/2016, \$62.00

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

GAS TURBINES (TC 192)

ISO/DIS 18888, Gas turbine combined cycle power plants - Thermal performance tests - 6/30/2016, \$146.00

HEALTH INFORMATICS (TC 215)

ISO/DIS 11615, Health informatics - Identification of medicinal products - Data elements and structures for the unique identification and exchange of regulated medicinal product information - 9/1/2016, \$155.00

ISO/DIS 11616, Health informatics - Identification of Medicinal Products - Data elements and structures for unique identification and exchange of regulated pharmaceutical product information - 9/1/2016, \$102.00

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

ISO/DIS 7206-10, Implants for surgery - Partial and total hip-joint prostheses - Part 10: Determination of resistance to static load of modular femoral heads - 6/30/2016, \$53.00

INDUSTRIAL FURNACES AND ASSOCIATED PROCESSING EQUIPMENT (TC 244)

ISO/DIS 13579-11, Industrial furnaces and associated processing equipment - Method of measuring energy balance and calculating energy efficiency - Part 11: Evaluation of various kinds of efficiency - 7/7/2016, FREE

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 - 12/24/2040, FREE

MECHANICAL TESTING OF METALS (TC 164)

ISO/DIS 16630, Metallic materials - Sheet and strip - Hole expanding test - 7/7/2016, \$46.00

NUCLEAR ENERGY (TC 85)

ISO/DIS 21484, Nuclear Energy - Fuel technology - Determination of the O/M ratio in MOX pellets by the gravimetric method - 6/30/2016, \$40.00

ISO/DIS 22765, Sintered (U, Pu)O₂ pellets - Guidance for ceramographic preparation for microstructure examination - 11/7/2006, \$40.00

ISO/ASTM DIS 51939, Practice for blood irradiation dosimetry - 6/29/2016, \$62.00

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

ISO/DIS 17281, Plastics - Determination of fracture toughness (GIC and KIC) at moderately high loading rates (1 m/s) - 6/30/2016, \$88.00

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

ROAD VEHICLES (TC 22)

ISO/DIS 6626-1, Internal combustion engines - Piston rings - Part 1: Coil-spring-loaded oil control rings made of cast iron - 7/7/2016, \$155.00

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 1437, Rubber compounding ingredients - Carbon black - Determination of sieve residue - 6/29/2016, \$46.00

ISO/DIS 2930, Rubber, raw natural - Determination of plasticity retention index (PRI) - 7/7/2016, FREE

ISO/DIS 16301, Rubber and plastics hoses and hose assemblies, wire- or textile-reinforced, for manually operated hydraulic jacks - Specification - 6/30/2016, \$62.00

ISO/DIS 19846, Reclaimed rubber - Coding and classification system - 6/30/2016, \$40.00

SOLID MINERAL FUELS (TC 27)

ISO/DIS 14180, Solid mineral fuels - Guidance on the sampling of coal seams - 6/29/2016, \$82.00

TIMBER (TC 218)

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

VALVES (TC 153)

ISO 15848-1/DAmD1, Industrial valves - Measurement, test and qualification procedures for fugitive emissions - Part 1: Classification system and qualification procedures for type testing of valves - Amendment 1 - 6/30/2016, \$29.00

WELDING AND ALLIED PROCESSES (TC 44)

ISO/DIS 15612, Specification and qualification of welding procedures for metallic materials - Qualification by adoption of a standard welding procedure specification - 8/31/2016, \$33.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 9594-1/DAmD2, Information technology - Open Systems Interconnection - The Directory - Part 1: Overview of concepts, models and services - Amendment 2 - 12/26/2014, \$29.00

ISO/IEC 9594-2/DAmD2, Information technology - Open Systems Interconnection - The Directory - Part 2: Models - Amendment 2: Communication support enhancements - 11/4/2025, \$29.00

ISO/IEC 9594-3/DAmD2, Information technology - Open Systems Interconnection - The Directory - Part 3: Abstract service definition - Amendment 2: Communications support enhancements - 11/4/2025, \$58.00

ISO/IEC 9594-6/DAmD2, Information technology - Open Systems Interconnection - The Directory - Part 6: Selected attribute types - Amendment 2 - 11/11/2004, \$71.00

ISO/IEC 9594-8/DAmD2, Information technology - Open Systems Interconnection - The Directory - Part 8: Public-key and attribute certificate frameworks - Amendment 2 - 11/11/2004, \$155.00

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 13818-1/DAmD7, Information technology - Generic coding of moving pictures and associated audio information - Part 1: Systems - Amendment 7: Signalling of stereoscopic video in MPEG-2 systems - 11/10/2015, \$58.00

ISO/IEC 14443-1/DAmD1, Identification cards - Contactless integrated circuit cards - Proximity cards - Part 1: Physical characteristics - Amendment 1: Clarification of PICC classes definition - 6/30/2016, \$33.00

ISO/IEC 23003-4/DAmD1, Information technology - MPEG audio technologies - Part 4: Dynamic Range Control - Amendment 1: Parametric DRC, gain mapping and equalization tools - 6/30/2016, \$175.00

ISO/IEC 23008-1/DAmD1, Information technology - High efficiency coding and media delivery in heterogeneous environments - Part 1: MPEG media transport (MMT) - Amendment 1: Use of MMT Data in MPEG-H 3D Audio - 6/30/2016, \$33.00

ISO/IEC 14496-12/DAmD1, Information technology - Coding of audio-visual objects - Part 12: ISO base media file format - Amendment 1: DRC Extensions - 6/30/2016, \$46.00

ISO/IEC DIS 19637, Information technology - Sensor Network Testing Framework - 6/30/2016, \$112.00

ISO/IEC DIS 20246, Software and Systems Engineering - Work Product Reviews - 9/1/2016, \$107.00

ISO/IEC DIS 18047-6, Information technology - Radio frequency identification device conformance test methods - Part 6: Test methods for air interface communications at 860 MHz to 960 MHz - 8/28/2016, \$155.00

ISO/IEC DIS 30140-2, Information technology - Underwater acoustics sensor network (UWASN) - Part 2: Reference architecture - 6/30/2016, \$112.00

ISO/IEC DIS 15944-12, Information technology - Business Operational View - Part 12: Privacy protection requirements on information life cycle management (ILCM) and EDI of personal information - 6/30/2016, \$185.00

IEC Standards

3/1266/CD, IEC 82079-1: Preparation of instructions for use - Structuring, content and presentation - Part 1: general principles and detailed requirements., 09/02/2016

8/1427A/NP, Future IEC/TS 62898-3-1: Microgrids - Technical Requirements - Protection requirements in microgrids, 08/12/2016

9/2184/DTR, IEC 62278-4 TR Ed.1: Railway applications - Specification and demonstration of reliability, availability, maintainability and safety (RAMS) - Part 4: Consideration of RAM risk and RAM life cycle aspects, 08/05/2016

23E/951A/FDIS, IEC 60898-2 Ed.2: Circuit-breakers for overcurrent protection for household and similar installations - Part 2: Circuit-breakers for AC and DC operation, 07/15/2016

23E/952/CD, IEC 63052 Ed.1: Power frequency overvoltage protective device for household and similar applications (POP), 09/02/2016

23E/954/CD, IEC/TS 63053 Ed.1: General requirements for residual current operated protective devices for D.C. System, 09/02/2016

23H/361/DTS, IEC 63066 Ed.1: Low-voltage docking connectors for removable energy storage units, 09/02/2016

29/907/DTS, IEC/TS 60318-7 Electroacoustics - Simulators of human head and ear - Part 7: Head and torso simulator for the measurement of air-conduction hearing aids (Revision of IEC/TS 60318-7:2011), 09/02/2016

32B/650/CDV, IEC 60269-3/A2/Ed4: Low-voltage fuses - Part 3: Supplementary requirements for fuses for use by unskilled persons (fuses mainly for household applications) - Examples of standardized systems of fuses A to F, 09/02/2016

34D/1209/CDV, Amendment 1 to IEC 60598-1 f1 Ed.8: Luminaires - Part 1: General requirements and tests, 09/02/2016

45A/1093/Q, Proposed technical Amendment to IEC 62808 Ed. 1.0 (published in 2015-05), Nuclear power plants - Instrumentation and control systems important to safety - Design and qualification of isolation devices, 08/05/2016

45A/1094/FDIS, IEC 62855 Ed.1: Nuclear power plants - Electrical power systems - Electrical power systems analysis, 07/22/2016

47/2296/CDV, IEC 62880-1 Ed.1: Semiconductor devices - Stress Migration Test Standard - Part 1 - Copper Stress Migration Test Standard, 09/02/2016

57/1707/CDV, IEC 61850-7-2 A1 Ed.2: Amendment 1 to IEC 61850-7-2 Ed.2: Communication networks and systems for power utility automation - Part 7-2: Basic information and communication structure - Abstract communication service interface (ACSI), 09/02/2016

57/1708/CDV, IEC 61850-7-3 A1 Ed.2: Amendment 1 to IEC 61850-7-3 Ed.2: Communication networks and systems for power utility automation - Part 7-3: Basic communication structure - Common data classes, 09/02/2016

57/1709/CDV, IEC 61850-9-2 A1 Ed.2: Amendment 1 to IEC 61850-9-2 Ed.2: Communication networks and systems for power utility automation - Part 9-2: Specific communication service mapping (SCSM) - Sampled values over ISO/IEC 8802-3, 09/02/2016

59/655/FDIS, IEC 62849 Ed.1: Performance evaluation method of mobile household robot, 07/22/2016

62A/1099/DTR, IEC TR 60601-4-1: Medical electrical equipment - Part 4-1: Guidance and interpretation - Medical electrical equipment and medical electrical systems employing a degree of autonomy, 08/05/2016

62A/1101/CD, IEC 62304 Ed. 2: Health software - Software life cycle processes, 09/02/2016

65A/807/Q, SC 65A MT 61511 'Functional safety - Safety instrumented systems for the process industry'- Appointment of convenor, 07/22/2016

69/416/CDV, IEC 15118-8 Ed1: Vehicle-to-grid communication interface - Part 8: Physical layer and data link layer requirements for wireless communication, 09/02/2016

77A/926/CDV, Amendment 1 to IEC 61000-2-2 Ed.2: Electromagnetic compatibility (EMC) - Part 2-2: Environment - Compatibility levels for low-frequency conducted disturbances and signalling in public low-voltage power supply systems, 09/02/2016

82/1133/FDIS, IEC 61853-2 Ed.1: Photovoltaic (PV) module performance testing and energy rating - Part 2: Spectral responsivity, incidence angle and module operating temperature measurements, 07/22/2016

86A/1735/CD, IEC 60794-2-50/Ed2: Optical fibre cables - Part 2-50: Indoor optical fibre cables - Family specification for simplex and duplex cables for use in terminated cable assemblies, 09/02/2016

86C/1376/CDV, IEC 61291-5-2/Ed2: Optical amplifiers - Part 5-2: Qualification specifications - Reliability qualification for optical fibre amplifiers, 09/02/2016

86C/1378/CDV, IEC 61280-4-4/Ed2: Fibre optic communication subsystem test procedures - Part 4-4: Cable plants and links - Polarization mode dispersion measurement for installed links, 09/02/2016

86C/1383/NP, Future IEC 62148-19/Ed1: Fibre optic active components and devices - Package and interface standards - Part 19: Photonic chip scale package, 09/02/2016

87/612/CDV, Amendment 2 to IEC 62127-2 Ed. 1: Ultrasonics - Hydrophones - Part 2: Calibration for ultrasonic fields up to 40 MHz, 09/02/2016

87/614/CDV, Amendment 1 to IEC 61391-1: Ultrasonics - Pulse-echo scanners - Part 1: Techniques for calibrating spatial measurement systems and measurement of point-spread function response, 09/02/2016

87/620/CD, IEC 63009 Ed.1: Ultrasonics - Physiotherapy systems - Field specifications and methods of measurement in the frequency range 20 kHz to 0,5 MHz, 08/05/2016

89/1332/CD, IEC 60695-2-15-TS/Ed1: Fire hazard testing - Part 2-15: Guidance for assessing the fire hazard of electrotechnical products - Classification based on the results of the Glow-wire flammability test method for end products (GWEPT), 09/02/2016

89/1333/NP, IEC 60695-2-20-TS/Ed3: Fire hazard testing - Part 2-20: Glowing/hot-wire based test methods - Hot wire ignition test - Apparatus, confirmatory test arrangement and guidance, 09/02/2016

100/2710/CD, IEC 63005-1 Ed.1.0: Event Video Data Recorder for Road Vehicle Accidents - Part 1: Basic requirements (TC 100), 09/02/2016

115/126/CD, IEC/TS 63014 Ed.1: High-Voltage Direct Current (HVDC) Power Transmission - System requirements for DC-side equipment - Part 1: Line-Commutated Converters, 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

ISO/IEC JTC 1 Technical Reports

[ISO/IEC TR 29110-5-2-1:2016](#), Systems and software engineering - Lifecycle profiles for Very Small Entities (VSEs) - Part 5-2-1: Organizational management guidelines, \$240.00

CYCLES (TC 149)

[ISO 11243:2016](#), Cycles - Luggage carriers for bicycles - Requirements and test methods, \$149.00

DENTISTRY (TC 106)

[ISO 10139-2:2016](#), Dentistry - Soft lining materials for removable dentures - Part 2: Materials for long-term use, \$88.00

GAS TURBINES (TC 192)

[ISO 19859:2016](#), Gas turbine applications - Requirements for power generation, \$265.00

OTHER

[IWA 18:2016](#), Framework for integrated community-based life-long health and care services in aged societies, \$173.00

PROSTHETICS AND ORTHOTICS (TC 168)

[ISO 29783-3:2016](#), Prosthetics and orthotics - Vocabulary - Part 3: Pathological gait (excluding prosthetic gait), \$51.00

WATER QUALITY (TC 147)

[ISO 7027-1:2016](#), Water quality - Determination of turbidity - Part 1: Quantitative methods, \$88.00

WELDING AND ALLIED PROCESSES (TC 44)

[ISO 9692-3:2016](#), Welding and allied processes - Types of joint preparation - Part 3: Metal inert gas welding and tungsten inert gas welding of aluminium and its alloys, \$88.00

[ISO 15012-4:2016](#), Health and safety in welding and allied processes - Equipment for capture and separation of welding fume - Part 4: General requirements, \$88.00

ISO Technical Reports

PHOTOGRAPHY (TC 42)

[ISO/TR 19247:2016](#), Photography - Guidelines for reliable testing of digital still cameras, \$88.00

ISO Technical Specifications

FLUID POWER SYSTEMS (TC 131)

[ISO/TS 13725:2016](#), Hydraulic fluid power - Method for evaluating the buckling load of a hydraulic cylinder, \$149.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

[ISO/TS 16975-1:2016](#), Respiratory protective devices - Selection, use and maintenance - Part 1: Establishing and implementing a respiratory protective device programme, \$240.00

PROSTHETICS AND ORTHOTICS (TC 168)

[ISO/TS 16955:2016](#), Prosthetics - Quantification of physical parameters of ankle foot devices and foot units, \$123.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 20922:2016](#), Information technology - Message Queuing Telemetry Transport (MQTT) v3.1.1, \$240.00

[ISO/IEC 30190:2016](#), Information technology - Digitally recorded media for information interchange and storage - 120 mm Single Layer (25,0 Gbytes per disk) and Dual Layer (50,0 Gbytes per disk) BD Recordable disk, \$265.00

[ISO/IEC 30192:2016](#), Information technology - Digitally recorded media for information interchange and storage - 120 mm Single Layer (25,0 Gbytes per disk) and Dual Layer (50,0 Gbytes per disk) BD Rewritable disk, \$265.00

[ISO/IEC 30193:2016](#), Information technology - Digitally recorded media for information interchange and storage - 120 mm Triple Layer (100,0 Gbytes per disk) BD Rewritable disk, \$265.00

[ISO/IEC 13157-4:2016](#), Information technology - Telecommunications and information exchange between systems - NFC Security - Part 4: NFC-SEC entity authentication and key agreement using asymmetric cryptography, \$149.00

[ISO/IEC 13157-5:2016](#), Information technology - Telecommunications and information exchange between systems - NFC Security - Part 5: NFC-SEC entity authentication and key agreement using symmetric cryptography, \$88.00

[ISO/IEC TS 33052:2016](#), Information technology - Process reference model (PRM) for information security management, \$240.00

IEC Standards

FLAT PANEL DISPLAY DEVICES (TC 110)

[IEC 62906-5-2 Ed. 1.0 en:2016](#), Laser display devices - Part 5-2: Optical measuring methods of speckle contrast, \$157.00

POWER SYSTEM CONTROL AND ASSOCIATED COMMUNICATIONS (TC 57)

[IEC 60870-5-SER Ed. 1.0 b:2016](#), Telecontrol equipment and systems - Part 5: Transmission protocols - ALL PARTS, \$3472.00

[IEC 60870-5-104 Ed. 2.1 b:2016](#), Telecontrol equipment and systems - Part 5-104: Transmission protocols - Network access for IEC 60870-5-101 using standard transport profiles, \$424.00

[IEC 60870-5-104 Amd.1 Ed. 2.0 b:2016](#), Amendment 1 - Telecontrol equipment and systems - Part 5-104: Transmission protocols - Network access for IEC 60870-5-101 using standard transport profiles, \$17.00

[IEC 62325-451-6 Ed. 1.0 b:2016](#), Framework for energy market communications - Part 451-6: Publication of information on market, contextual and assembly models for European style market, \$411.00

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)

[IEC 60335-2-23 Ed. 6.0 b:2016](#), Household and similar electrical appliances - Safety - Part 2-23: Particular requirements for appliances for skin or hair care, \$157.00

[IEC 60335-2-29 Ed. 5.0 b:2016](#), Household and similar electrical appliances - Safety - Part 2-29: Particular requirements for battery chargers, \$157.00

[IEC 60335-2-79 Ed. 4.0 b:2016](#), Household and similar electrical appliances - Safety - Part 2-79: Particular requirements for high pressure cleaners and steam cleaners, \$339.00

[S+ IEC 60335-2-23 Ed. 6.0 en:2016 \(Redline version\)](#), Household and similar electrical appliances - Safety - Part 2-23: Particular requirements for appliances for skin or hair care, \$189.00

[S+ IEC 60335-2-29 Ed. 5.0 en:2016 \(Redline version\)](#), Household and similar electrical appliances - Safety - Part 2-29: Particular requirements for battery chargers, \$189.00

SWITCHGEAR AND CONTROLGEAR AND THEIR ASSEMBLIES FOR LOW VOLTAGE (TC 121)

[IEC 60947-2 Ed. 5.0 b:2016](#), Low-voltage switchgear and controlgear - Part 2: Circuit-breakers, \$411.00

[S+ IEC 60947-2 Ed. 5.0 en:2016 \(Redline version\)](#), Low-voltage switchgear and controlgear - Part 2: Circuit-breakers, \$530.00

IEC Technical Specifications

ELECTRIC TRACTION EQUIPMENT (TC 9)

[IEC/TS 62580-2 Ed. 1.0 en:2016](#), Electronic railway equipment - On-board multimedia and telematic subsystems for railways - Part 2: Video surveillance/CCTV services, \$278.00

POWER SYSTEM CONTROL AND ASSOCIATED COMMUNICATIONS (TC 57)

[IEC/TS 60870-5-604 Ed. 2.0 en:2016](#), Telecontrol equipment and systems - Part 5-604: Conformance test cases for the IEC 60870-5-104 companion standard, \$375.00

[S+ IEC/TS 60870-5-604 Ed. 2.0 en:2016 \(Redline version\)](#), Telecontrol equipment and systems - Part 5-604: Conformance test cases for the IEC 60870-5-104 companion standard, \$446.00

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 rely 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

Reaccreditations

ASME

Comment Deadline: July 18, 2016

ASME has submitted to ANSI revisions to procedures for all ASME-sponsored US Technical Advisory Groups to ISO Technical Committees and Subcommittees under which they are currently accredited. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copies of the revised procedures or to offer comments, please contact: Mr. William Berger, Managing Director, ASME, 2 Park Avenue, 6th Floor, New York, NY 10016-5990; phone: 212.591.8520; e-mail: bergerw@asme.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 ASME by July 18, 2016, with a copy to the ExSC Recording Secretary in ANSI's New York Office (jthomps@ANSI.org).

ANSI Accreditation Program for Third Party Product Certification Agencies

Accreditation in Accordance with ISO/IEC 17065
and EU Directives

Compatible Electronics, Inc.

Comment Deadline: July 18, 2016

Mr. Jeff Klinger
Director of Engineering/Quality Manager
Compatible Electronics, Inc.
114 Olinda Drive
Brea, CA 92823
Tel: 714-579-0500
Fax: 714-528-8984
E-mail: jeff@celectronics.com
www.celectronics.com

On June 10, 2016, Compatible Electronics, Inc., an ANSI-accredited certification body, was approved for a grant of ANSI Accreditation in accordance with ISO/IEC 17065 and the following certification scheme(s) and scopes:

LIST OF CERTIFICATION SCHEME(S)

EU Radio Equipment Directive (RED) 2014/53/EU
Notified Body Requirements Annex III (Module B) – EU
Type Examination

EU Electromagnetic Compatibility (EMC) Directive
2014/30/EU Notified Body Requirements Annex III (Part
A - Module B) – EU Type Examination

Scope of Accreditation

EU Radio Equipment Directive (RED)

- Industrial, Scientific and Medical within the scope of the Directive
- Radio Frequency Identification (RFID)
- Radio Local Area Network
- Short Range Device

EU Electromagnetic Compatibility (EMC) Directive

- Alarm Systems
- Automotive Systems
 - AV equipment
- Consumer Electronics
- Domestic Appliances
- Gaming Devices
- Information Technology Equipment
- Laboratory & Test Equipment
 - Maritime Systems
 - Multimedia Equipment

Please send your comments by July 18, 2016 to Reinaldo Balbino Figueiredo, Senior Program Director, Product/Process/Services Accreditation Programs, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293 9287 or e-mail: rfigureir@ansi.org, or Nikki Jackson, Senior 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 17 – *Steel* Subcommittees

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

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

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

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

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

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

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

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

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

ISO/TC 34 – *Food Products* Subcommittees

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

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

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

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

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

Excluded :

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

ISO/TC 34/SC 4 – *Cereals and pulses*

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

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

ISO/TC 34/SC 8 – *Tea*

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

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

ISO Proposal for a New Field of ISO Technical Activity

Pharmaceutical Preparation Machinery

Comment Deadline: June 24, 2016

SAC, the ISO member body for China, has submitted to ISO a proposal for a new field of ISO technical activity on Pharmaceutical preparation machinery, with the following scope statement:

Standardization of pharmaceutical preparation machinery, including terminology, classification, requirements and test methods.

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 24, 2016.

Meeting Notices

AHRI Meeting

Revision of AHRI Standards 1350 (I-P) and 1351 (SI)-2014, Mechanical Performance Rating of Central Station Air-handling Unit Casings

The Air-Conditioning, Heating, and Refrigeration Institute (AHRI) will be holding an online meeting on June 20 from 2 p.m. to 3 p.m. If you are interested in participating in the meeting or providing comments on the standard please contact AHRI staff member Mary Opalka at mopalka@ahrinet.org.

Information Concerning

International Organization for Standardization (ISO) ISO Proposal for a New Field of ISO Technical Activity Organizational Governance Comment Deadline: Friday, July 1, 2016

BSI, the ISO member body for the United Kingdom, has submitted to ISO a proposal for a new field of ISO technical activity on Organizational Governance, with the following scope statement:

Standardization of organizational governance, including aspects of accountability, direction and control – which may include principles of governance, anti-bribery, conflict of interest, due diligence, whistleblowing, compliance, remuneration structures and external reporting, amongst others.

This proposal is for a new technical committee in the field of organizational governance. For the purposes of this proposal, governance may be defined as a "system by which the whole organization is directed, controlled and held accountable to achieve its core purpose over the long term". The term "corporate governance" is typically used for the governance of private and publicly-listed companies.

The TC would develop and maintain standards applicable for all organizations to improve the effective delivery of governance. This proposal recognizes that, although interrelated, there is an important distinction between management and governance. The above definition of governance places it into a context of accountability whereas management can be deemed to be "the act of bringing people together to accomplish desired goals and objectives, using available resources in an efficient, effective and risk-aware manner." While governance is linked to management, it is distinct from it because it deals with the accountability of a whole organization to all of its stakeholders and helps ensure that the organization, as a whole, fulfills its full purpose. Thus, governance is a unique area that merits a distinct portfolio of work, separate but complementary to management standards.

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, July 1, 2016.

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4.1.2 Rework materials

The use of clean, rework material of the same formulation from the same manufacturer is acceptable provided that the finished products meet the requirements of the applicable product standard(s). Plastic piping system components and related materials shall be manufactured in such a way as to prevent contamination.

Polyethylene rework material meeting all the requirements of this Standard shall be permitted to be blended with a new compound of the same material designation code with a maximum level of 20% by weight of rework material, unless otherwise specified by product standards. Polyethylene pipe containing the rework material shall meet the requirements of this Standard.

NOTE – This requirement does not apply to polyethylene material for gas end-use.

NOTE – The 20% limit of rework material for polyethylene pipe is only meant to maintain a sufficient level of material traceability and not to address potential performance concerns.

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NSF/IPEC/ANSI Standard for Pharmaceutical Excipients –

Good Manufacturing Practices (GMP) for Pharmaceutical Excipients

4 Quality management system

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4.1.1 General quality management systems organization

In defining the quality management processes the organization shall:

- a) define individual and collective roles, responsibilities, authorities and inter-relationships of all organizational units related to the excipient quality management system; ensure these interactions are communicated and understood at all relevant levels of the organization (see 5.5.1);
- b) define the interactions of the processes stated herein, with the operations needed for the quality management system and the implementation of GMP;

~~NOTE— An independent quality unit with authority to fulfill certain excipient quality system responsibilities may be required by regional regulations.~~

- c) determine the criteria and methods to ensure that the operation and control of these processes and GMP are effective;

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NSF/IPEC/ANSI Standard for Pharmaceutical Excipients –

Good Manufacturing Practices (GMP) for Pharmaceutical Excipients

7 Excipient realization

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7.2.1 Determination of requirements related to the **product excipient**

The organization shall determine the excipient quality, labeling, legal, and regulatory requirements, as well as those provided by the customer. Requirements not stated by the customer but necessary for the specified or intended use, where known, shall be considered. Changes requiring notification and/or documented prior approval from the customer shall be determined.

7.2.2 Review of requirements related to the **product excipient**

The organization shall review the requirements identified in 7.2.1 to assure the facilities and processes are capable of consistently meeting these requirements and shall document the review and agreement with the customer before supply commences. Where the requirements determined in 7.2.1 are changed, this review shall be repeated before supply recommences.

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7.5.5 Preservation of **product excipient**

The organization shall define and justify the conditions for the handling and storage of materials (see 7.5.3) so their identity, quality, and conformance to specification are not affected within their shelf life or retest/re-evaluation interval. Records of storage conditions shall be maintained when such conditions may impact the material's quality characteristics. Deviations from specified storage conditions shall be assessed and documented.

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NSF/IPEC/ANSI Standard for Pharmaceutical Excipients –

Good Manufacturing Practices (GMP) for Pharmaceutical Excipients

3 Definitions

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3.X deviation: Departure from an approved instruction or established standard.

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3.X sanitary: Of or relating to cleanliness of facility and equipment which minimizes the risk of microbial contamination.

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NSF/IPEC/ANSI Standard for Pharmaceutical Excipients –

Good Manufacturing Practices (GMP) for Pharmaceutical Excipients

6 Resource management

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6.3.2.1 Equipment design and construction

New installations or replacement equipment shall be designed and constructed to minimize the possibility of contamination and shall be commissioned before use to ensure it is functioning as intended.

In the design and construction of equipment, ~~the risk of contamination from utilities and process materials (i.e., compressed gases, steam, water) or other media used for proper equipment operation (e.g. lubricants and heat transfer fluids) coming into contact with raw materials, packaging materials, intermediates, or finished excipients shall be identified. When risks are identified, they shall be mitigated so as to minimize the possibility of contact with the process stream. Where contact is possible, materials suitable for food contact shall be used unless otherwise justified.~~ ~~are preferred. The use of materials not suitable for food contact should be justified.~~

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NSF/IPEC/ANSI Standard for Pharmaceutical Excipients –

Good Manufacturing Practices (GMP) for Pharmaceutical Excipients

7 Excipient realization

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7.4.1 Purchasing process

The organization shall establish a documented system for selecting, approving, and reapproving suppliers of materials and services. ~~Materials and services that have the potential to impact excipient quality shall be identified from risk assessments. Materials shall be purchased against a mutually agreed specification.~~

The organization's quality unit shall undertake a risk assessment to determine materials and services that have the potential to impact excipient quality and approve such suppliers. Materials shall be purchased against a mutually agreed specification.

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NSF/IPEC/ANSI Standard for Pharmaceutical Excipients –

Good Manufacturing Practices (GMP) for Pharmaceutical Excipients

7 Excipient realization

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7.2.1 Determination of requirements related to the product

The organization shall determine the excipient quality, labeling, legal, and regulatory requirements, as well as those provided by the customer. Requirements not stated by the customer but necessary for the specified or intended use, where known, shall be considered. Changes requiring notification and/or documented prior approval from the customer shall be determined.

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NSF/IPEC/ANSI Standard for Pharmaceutical Excipients –

Good Manufacturing Practices (GMP) for Pharmaceutical Excipients

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Prepared by
The NSF Joint Committee on Pharmaceutical ~~Recipients~~ Excipients

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****Footnote 9****¹International Pharmaceutical Excipients Council of the Americas, 1655 North Fort Myer Drive, Suite 700 3138 N. 10th Street, Suite 500, Arlington, VA ~~22209~~ 22201, USA <www.ipecamericas.org>.

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3.64 shelf life: The length of time during which the excipient meets specifications (see 3.24 expiry (expiration) date; 3.58 retest/re-evaluation ~~interval~~ ~~interval~~; 3.59 retest interval).

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4.3 Change control

Top management shall establish and maintain a robust change control program under the quality management system. This program shall be designed to ensure that excipient quality is assessed and maintained in accord with principles of quality risk management when changes are planned and implemented, respectively.

There shall be a documented procedure for the evaluation and approval of changes that may impact upon the quality of the excipient, including the impact on any regulatory submissions by the excipient manufacturer. The organization shall define the criteria for a significant change (see 3.65). The evaluation and approval of planned changes shall occur prior to the implementation of the changes. ~~For requirements regarding the evaluation and approval of unplanned changes, the changes should be investigated and appropriate corrective action implemented, see 8.5.2.~~ Upon implementation, the effectiveness of a change shall be confirmed. The quality unit shall approve any changes that based on risk assessment may impact the quality of the excipient. There shall be a written procedure for determining which changes to communicate to customers, as well as a mechanism for communicating changes. Significant changes shall be communicated with sufficient notice prior to implementation as is reasonably practical to customers (see 7.2.3) and, as applicable, regulatory authorities. The customer shall be informed prior to the first shipment

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of the excipient after the change is implemented. Documentation generated for change control shall be retained (see 4.2.4).

~~NOTE—Quality risk management may be utilized to evaluate proposed changes.~~

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5.5.1 Responsibility and authority

Responsibility and authority shall be clearly defined by top management, documented, and communicated within the organization.

A quality unit independent from production shall be responsible for conformance of the manufacture of the excipients with the requirements of this ~~S~~standard, including but not limited to:

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6.3.1 Buildings and facilities

Contamination prevention shall be considered in the design, maintenance, refurbishing, or upgrading of buildings and facilities.

The organization shall conduct a risk assessment based on the organization's expressed, intended use of the excipient (see 7.2-3) to identify areas in which the excipient is at risk of contamination, cross-contamination, or mix-ups due to deficiencies in buildings and/or facilities. The risk assessment shall consider the following, at a minimum, to identify where the excipient is at risk of contamination:

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6.3.3 Utilities

The organization shall conduct a risk assessment considering the risk to excipient quality from utilities intended ~~or to, and~~ with the potential to come into contact with the excipient (e.g., utilities can include nitrogen, compressed air, steam, water, etc.). Control measures shall be implemented to mitigate the identified risks. Utilities coming into direct contact with the excipient during its manufacture or surfaces that could contact excipients shall have documented specifications to assure that the utility is suitable for its intended use.

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6.4 Work environment

The organization shall conduct a risk assessment to identify areas in which the excipient is at risk for contamination from exposure to the work environment.

The work environment shall be managed and controlled to minimize risks of excipient contamination.

The documented risk assessment shall include ~~marketed use~~, customer requirements, (see 7.2-21),

~~marketed use~~, and, as applicable, shall consider the following controls:

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8.3 Control of nonconforming product

Raw material, intermediate, or finished excipient not meeting its specification shall be clearly identified and controlled to prevent inadvertent use or release for sale. Procedures shall exist for the evaluation and appropriate disposition of nonconforming raw materials, intermediates and excipients. There shall be procedures to prevent shipment of excipients that would be unacceptable to certain customers, when a customer-specific requirement is not met.

For a non-conforming excipient that is already in distribution, there shall be a documented procedure defining how the retrieval shall be conducted and recorded.

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8.5.1 Continual improvement

The organization shall undertake a periodic ~~periodically~~ review, which includes including data as described in 8.4, for to identify improvement opportunities in the ~~to improve~~ manufacturing and quality management system processes.

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BSR/UL 67, Standard for Safety for Panelboards

1. Revisions to Add New Requirements for Testing and Marking in Section 15, Section 19, and Section 32

PROPOSAL

19.1.1 A temperature test on a panelboard is to be conducted in accordance with 19.1.2 - 19.4.3.2 and 19.1A.1. The tests described do not cover such features as panelboards without branch bus bars or panelboards with divided or ampacity-tapered main bus bars. Such panelboards are tested in a similar manner, modified as may be necessary to determine that the current-carrying parts have adequate ampacity.

19.1A Through conductors

19.1A.1 Panelboards intended for use with through conductors, as permitted in 15.2.3.2 and 15.2.3.4, shall be temperature tested as provided in 19.1.1 - 19.4.3.2 with through conductors operating at the maximum ampacity intended to be permitted to pass through a panelboard.

32.1.1 A panelboard shall be permanently and durably marked in a location such that the marking will be plainly visible after the panelboard has been installed with:

- a) The manufacturer's name, trademark, or other descriptive marking by which the organization responsible for the product may be identified - hereafter referred to as manufacturer's name - and
- b) The electrical rating.

A panelboard intended for use in a particular position shall be so marked.

32.1.3 With reference to the requirements in 32.1.1, the markings giving the manufacturer's name, the current and voltage ratings, and the number of phases shall be plainly visible without disturbing interior parts and factory- or field-installed wiring. A marking is not considered to be plainly visible without disturbing field-installed wiring if ~~it is~~ any part of the marking is:

- a) On a back wall of the box,
- b) On the side of a barrier facing a wiring space, and is more than 1 inch (25.4 mm) from the plane of the front of the box,
- c) Less than 1/2 inch (12.7 mm) or more than 1 inch from the front edge on a side or end wall of a box having a flange on the front edge, or
- d) More than 1 inch from the front edge on a side or end wall of a box without flanges on the front edge.

32.1.8 The word line or load and the number of branch circuits are usually employed to indicate the proper connections. Such markings may be placed at the terminals; or on a wiring diagram that clearly indicates the proper connections and is attached to the panelboard proper or in a location where it will be plainly visible after installation is acceptable. See 33.3.

Exception: A wiring diagram may be located in a pamphlet. See the Exception to 33.1 and Table 33.1.

32.1.24 The short-circuit rating of a panelboard shall be located where it will be plainly visible if a front or trim is removed. This marking shall be an integral part of:

- a) A marking containing the manufacturer's name, or
- b) Other required marking. If there is more than one short-circuit rating, all such ratings shall appear together.

32.2.9 The term visible as used in 32.2.3 signifies a marking that will be plainly visible when a front, trim, or dead-front shield has been removed, or that is plainly visible when a hinged cover of a component has been opened. A marking on a separately supplied connector or a connector or part thereof that is likely to be removed or displaced during the wiring operation is considered to be plainly visible as it relates to that connector or part thereof.

32.2.10 Markings provided in accordance with 32.2.4, 32.2.6, 32.2.7, or 32.2.12 shall be readily and clearly plainly visible when the cover, front, or trim of the cabinet is removed.

32.3.1 A panelboard shall be marked in a location readily and plainly visible prior to wiring to indicate the required temperature rating of each field-installed conductor.

32.3.1.1 A panelboard shall be marked in a location readily and plainly visible prior to wiring to indicate the maximum allowed through conductor ampere ratings of field-installed through conductors, such marking shall be plainly visible after the panelboard has been installed.

BSR/UL 1077, Standard for Safety for Supplementary Protectors for Use in Electrical Equipment

1. Clarification for Measuring Spacings as Described in Table 16.1

Table 16.1

Minimum spacings in inches (mm)

		Maximum rating of 600 V			Maximum rating of 250 V	Maximum rating of 250 V	Maximum rating of 600 V		
		A			B	C	D		
		General industrial			Household kitchen appliances (includes household dishwashers, waste disposals, and the like)	Household appliances (includes electric home laundry equipment, and the like)	Commercial appliances (includes office appliances, business machines, electronic data processing equipment, also vending and amusement machines)		
Potential involved in volts		51 - 150	151 - 300	301 - 600	51 - 250	51 - 250	51 - 125	126 - 300	301 - 600
Between any uninsulated live parts of opposite polarity or and an uninsulated live parts and of uninsulated grounded dead metal parts	Through air or oil	1/8 ^a (3.2) ^a	1/4 (6.4)	3/8 (9.5)	3/32 ^a (2.4) ^a	1/4 (6.4)	1/16 ^a (1.6) ^a	3/32 ^a (2.4) ^a	3/8 (9.5)
	Over surface	1/4 (6.4)	3/8 (9.5)	1/2 (12.7)	3/32 ^a (2.4) ^a	3/8 (9.5)	1/16 ^a (1.6) ^a	3/32 ^a (2.4) ^a	1/2 (12.7)

^a Spacings between field terminals shall be not less than 1/4 inch (6.4 mm) through air and over surface regardless of polarity. Spacing between quick connect terminals shall be not less than 1/4 inch (6.4 mm) through air and over surface when bending of the quick connect terminals is likely to result in short circuiting of the terminals.

BSR/UL 1086, Standard for Safety for Household Trash Compactors

SA4A Creepage Distances, Clearances, And Distances Through Insulation

SA4A.1 Electrical spacings shall comply with the electrical spacing requirements specified in this standard, or comply with the requirements for Creepage Distances, Clearances and Distances Through Solid Insulation, Clause 29, of the Standard for Safety of Household and Similar Electrical Appliances, Part 1: General Requirements, UL 60335-1. The anticipated Pollution Degree and Overvoltage Category is as defined in this standard.