



# ANSI STANDARDS ACTION

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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](mailto:psa@ansi.org)

\* Standard for consumer products

## Comment Deadline: April 8, 2012

### NSF (NSF International)

#### Revisions

BSR/NSF 49-201x (i44), Biosafety Cabinetry: Design, Construction, Performance and Field Certification (revision of ANSI/NSF 49-2011)

Issue 44: The purpose of this ballot is to include a test method for biosafety cabinets with an interior sidewall dimension of three feet or less in NSF/ANSI 49.

[Click here to see these changes in full at the end of Standards Action](#)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Joan Hoffman, (734) 769-5159, [jhoffman@nsf.org](mailto:jhoffman@nsf.org)

### NSF (NSF International)

#### Revisions

BSR/NSF 60-201x (i51), Drinking Water Treatment Chemicals: Health Effects (revision of ANSI/NSF 60-2011)

Issue 51: This revision specifies an exemption for mineral oils from the microbial growth potential test.

[Click here to see these changes in full at the end of Standards Action](#)

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

### UL (Underwriters Laboratories, Inc.)

#### New National Adoptions

BSR/UL 60065-201x, Standard for Safety for Audio, Video and Similar Electronic Apparatus - Safety Requirements (national adoption with modifications and revision of ANSI/UL 60065-2007)

Proposal for Additional "Coin" Cell Requirements

[Click here to see these changes in full at the end of Standards Action](#)

Single copy price: Contact comm2000 for pricing and delivery options

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Barbara Davis, (408) 754-6722, [Barbara.J.Davis@ul.com](mailto:Barbara.J.Davis@ul.com)

### UL (Underwriters Laboratories, Inc.)

#### Revisions

BSR/UL 174-201x, Standard for Safety for Household Electric Storage Tank Water Heaters (Proposal dated 03-09-12) (revision of ANSI/UL 174-2009)

Withdrawal of UL 174 Proposal dated June 17, 2011: Addition of New Supplement B to Document the Safety Requirements for Smart Enabled Household Electric Storage Tank Water Heaters.

[Click here to see these changes in full at the end of Standards Action](#)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Vickie Hinton, (919) 549-1851, [vickie.t.hinton@ul.com](mailto:vickie.t.hinton@ul.com)

### UL (Underwriters Laboratories, Inc.)

#### Revisions

BSR/UL 1626-201x, Standard for Safety for Residential Sprinklers for Fire-Protection Service (revision of ANSI/UL 1626-2008)

Recirculation of proposal for UL 1626 regarding Polymeric Sprinklers

[Click here to see these changes in full at the end of Standards Action](#)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Raymond Suga, (631) 546-2593, [Raymond.M.Suga@ul.com](mailto:Raymond.M.Suga@ul.com)

## Comment Deadline: April 23, 2012

### AAMI (Association for the Advancement of Medical Instrumentation)

#### New National Adoptions

BSR/AAMI/IEC 60601-2-25-200x, Medical electrical equipment - Part 2 -25: Particular requirements for the basic safety and essential performance of electrocardiographs (national adoption with modifications and revision of ANSI/AAMI EC11-1991 (R2007))

Specifies basic safety and essential performance requirements for electrocardiographs for the production of ECG reports for diagnostic purposes. This particular standard does not include the part of electrocardiographs that provides vector loops, ambulatory electrocardiographic equipment covered by IEC 60601-2-47, and cardiac monitors covered by IEC 60601-2-27.

Single copy price: \$ 20.00/\$25.00 non-members

Obtain an electronic copy from: <http://marketplace.aami.org/eseries/ScriptContent/Index.cfm>

Order from: [www.aami.org](http://www.aami.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Hae Choe, (703) 253-8268, [HChoe@aami.org](mailto:HChoe@aami.org)

### AAMI (Association for the Advancement of Medical Instrumentation)

#### New National Adoptions

BSR/AAMI/IEC 60601-2-47-200x, Medical electrical equipment - Part 2 -47: Particular requirements for the basic safety and essential performance of ambulatory electrocardiographic systems (identical national adoption and revision of ANSI/AAMI EC38-2007)

Specifies the safety and essential performance of ambulatory electrocardiographic (ECG) systems. Within the scope of this standard are systems of the following types:

- (a) systems that provide continuous recording and continuous analysis of the ECG allowing full re-analysis giving essentially similar results. The systems may first record and store the ECG and analyse it later on a separate unit, or record and analyse the ECG simultaneously. The type of storage media used is irrelevant with regard to this standard; and
- (b) systems that provide continuous analysis and only partial or limited recording not allowing a full re-analysis of the ECG.

Single copy price: \$ 20.00/\$25.00 non-members

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Order from: [www.aami.org](http://www.aami.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Hae Choe, (703) 253-8268, [HChoe@aami.org](mailto:HChoe@aami.org)

## **AAMI (Association for the Advancement of Medical Instrumentation)**

### ***New National Adoptions***

BSR/AAMI/ISO 8637:2010/DAM1, Hemodialyzers, haemodiafilters, haemofilters and haemoconcentrators - Amendment 1: Revision to Figure 2 - Main fitting dimensions of dialysis fluid inlet and outlet ports (identical national adoption of ISO 8637:2010/DAM1)

Revision to Figure 2 - Dimensions of dialysis fluid inlet and outlet ports of hemodialyzers and hemodiafilters to clarify the intent of certain dimensions shown in Figure 2.

Single copy price: \$ 20.00/\$25.00 non-members

Obtain an electronic copy from: [www.aami.org](http://www.aami.org)

Order from: AAMI Publications, phone 1-877-249-8226; fax 1-301-206-9789

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: [www.aami.org](http://www.aami.org)

## **AAMI (Association for the Advancement of Medical Instrumentation)**

### ***New National Adoptions***

BSR/AAMI/ISO/IEC 81060-2-200x, Non-invasive sphygmomanometers - Clinical validation of automated measurement type (identical national adoption and revision of ANSI/AAMI/ISO/IEC 81060-2-200x)

Specifies the requirements and methods for the clinical validation of medical electrical equipment used for the intermittent non-invasive automatic estimation of the arterial blood pressure by utilizing a cuff. It is applicable to all sphygmomanometers that sense or display pulsations, flow, or sounds for the estimation, display, or recording of blood pressure. These sphygmomanometers need not have automatic cuff inflation.

Single copy price: \$ 20.00/\$25.00 non-members

Obtain an electronic copy from: <http://marketplace.aami.org/eseries/ScriptContent/Index.cfm>

Order from: [www.aami.org](http://www.aami.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Hae Choe, (703) 253-8268, [HChoe@aami.org](mailto:HChoe@aami.org)

## **AAMI (Association for the Advancement of Medical Instrumentation)**

### ***Addenda***

BSR/AAMI ST79-2010/A3.1-201x, Comprehensive guide to steam sterilization and sterility assurance in health care facilities (addenda to ANSI/AAMI ST79-2010)

This amendment replaces the term "flash sterilization" with "immediate use steam sterilization" to better reflect current practice.

Single copy price: \$ 20.00/\$25.00 non-members

Obtain an electronic copy from: [www.aami.org](http://www.aami.org)

Order from: AAMI Publications; Phone: 1-877-249-8226; Fax: 1-301-206-9789

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Susan Gillespie, 703-253-8284; [sgillespie@aami.org](mailto:sgillespie@aami.org)

## **AAMI (Association for the Advancement of Medical Instrumentation)**

### ***Addenda***

BSR/AAMI ST79-2010/A3.2-201x, Comprehensive guide to steam sterilization and sterility assurance in health care facilities (addenda to ANSI/AAMI ST79-2010)

This amendment will provide guidance to sterile processing professionals on the different ways that chemical indicators may be classified.

Single copy price: \$ 20.00/\$25.00 non-members

Obtain an electronic copy from: [www.aami.org](http://www.aami.org)

Order from: AAMI Publications; Phone: 1-877-249-8226; Fax: 1-301-206-9789

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Susan Gillespie, 703-253-8284; [sgillespie@aami.org](mailto:sgillespie@aami.org)

## **AAMI (Association for the Advancement of Medical Instrumentation)**

### ***Addenda***

BSR/AAMI ST79-2010/A3.3-201x, Comprehensive guide to steam sterilization and sterility assurance in health care facilities (addenda to ANSI/AAMI ST79-2010)

This amendment will add, delete, or update definitions to reflect changes elsewhere in the document.

Single copy price: \$ 20.00/\$25.00 non-members

Obtain an electronic copy from: [www.aami.org](http://www.aami.org)

Order from: AAMI Publications; Phone: 1-877-249-8226; Fax: 1-301-206-9789

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Susan Gillespie, 703-253-8284; [sgillespie@aami.org](mailto:sgillespie@aami.org)

## **AAMI (Association for the Advancement of Medical Instrumentation)**

### ***Addenda***

BSR/AAMI ST79-2010/A3.4-201x, Comprehensive guide to steam sterilization and sterility assurance in health care facilities (addenda to ANSI/AAMI ST79-2010)

This amendment will provide updates to the design considerations section to reflect current best practice in the field.

Single copy price: \$ 20.00/\$25.00 non-members

Obtain an electronic copy from: [www.aami.org](http://www.aami.org)

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Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Susan Gillespie, 703-253-8284; [sgillespie@aami.org](mailto:sgillespie@aami.org)

## **AAMI (Association for the Advancement of Medical Instrumentation)**

### **Addenda**

BSR/AAMI ST79:2010/A3.5-201x, Comprehensive guide to steam sterilization and sterility assurance in health care facilities (addenda to ANSI/AAMI ST79-2010)

This amendment updates recommendations in the personnel considerations section of the recommended practice to reflect current best practices in the field.

Single copy price: \$ 20.00/\$25.00 non-members

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Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Susan Gillespie, 703-253-8284; [sgillespie@aami.org](mailto:sgillespie@aami.org)

## **AAMI (Association for the Advancement of Medical Instrumentation)**

### **Addenda**

BSR/AAMI/IEC 80601-2-30-2009/A1-201x, Amendment 1 to Medical electrical equipment - Part 2-30: Particular requirements for the basic safety and essential performance of automated type non-invasive sphygmomanometers (addenda to ANSI/AAMI/IEC 80601-2-30-2009)

This amendment contains the revision to ANSI/AAMI/IEC 80601-2-30:2009. This amendment deals primarily with editorial corrections and clarifications, clarifies the requirements for operation in the loss of SUPPLY MAINS and references new and updated Collateral Standards.

Single copy price: \$ 20.00/\$25.00 non-members

Obtain an electronic copy from: <http://marketplace.aami.org/eseries/ScriptContent/Index.cfm>

Order from: [www.aami.org](http://www.aami.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Hae Choe ([hchoe@aami.org](mailto:hchoe@aami.org))

## **ABYC (American Boat and Yacht Council)**

### **New Standards**

BSR/ABYC H-5-201x, Boat Load Capacity (new standard)

This standard is a guide for determining the maximum weight and persons capacity of boats.

Single copy price: \$ 50.00

Obtain an electronic copy from: [comments@abycinc.org](mailto:comments@abycinc.org)

Order from: [comments@abycinc.org](mailto:comments@abycinc.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: same

## **ARMA (Association of Records Managers and Administrators)**

### **Withdrawals**

BSR/ARMA 16-2007, The Digital Records Conversion Process: Program Planning, Requirements, Procedures (withdrawal of ANSI/ARMA 16-2007)

ANSI/ARMA 16-2007 provides requirements for ensuring that electronic records remain authentic and trustworthy as they are converted from one digital recordkeeping system to another. Though it does not address digital preservation, there is a substantial link between conversion and digital preservation, as many preservation strategies involve some type of conversion process. Since the release of this publication in 2007, an international standard has been developed, ISO 13008 Information and documentation - Digital records conversion and migration process. This new ISO standard is based upon ANSI/ARMA 16-2007.

Single copy price: \$ 25.00 (Hard Copy); 15 PDF (Electronic Copy)

Obtain an electronic copy from: <http://tinyurl.com/7e2nct5>

Order from: <http://tinyurl.com/8754dsj>

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: STANDARDS@ARMAINTL.ORG

## **ASA (ASC S12) (Acoustical Society of America)**

### **Revisions**

BSR ASA S12.9-Part 3-201x, Quantities and Procedures for Description and Measurement of Environmental Sound - Part 3: Short-term Measurements with an Observer Present (revision of ANSI ASA S12.9-Part 3-1993 (R2008))

Describes recommended procedures for measurement of short-term, time-average environmental sound outdoors at 1 or more locations in a community for environmental assessment or planning for compatible land uses and other purposes such as demonstrating compliance with a regulation. These measurements are distinguished by the requirement to have an observer present. Methods are given to correct the measured levels for the influence of background sound.

Single copy price: \$ 100.00

Obtain an electronic copy from: [asastds@aip.org](mailto:asastds@aip.org)

Order from: Susan Blaeser, (631) 390-0215, [sblaeser@aip.org](mailto:sblaeser@aip.org); [asastds@aip.org](mailto:asastds@aip.org)

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

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

### **Revisions**

BSR/ASHRAE Standard 164.1-201x, Method of Test for Residential Central-System Humidifiers (revision of ANSI/ASHRAE Standard 164.1-2008)

This revision of Standard 164.1-2008:

- revises the language in several sections, including 5.2, 6.2.1.1, 6.2.1.2, 6.2.2, etc.;
- revises Figure 5;
- adds a note to Section 7.2.1.4; and
- updates the references.

Single copy price: \$ 35.00

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

Order from: [standards.section@ashrae.org](mailto:standards.section@ashrae.org)

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

**ASIS (ASIS International)****New Standards**

BSR/ASIS PSC.2-201x, Conformity Assessment and Auditing Management Systems for Quality of Private Security Company Operations (new standard)

Provides requirements and guidance for conducting conformity assessment of the ANSI/ASIS PSC.1-2012, Management System for Quality of Private Security Company Operations Standard. It provides requirements for bodies providing auditing and third party certification of PSCs - private security providers working for any client in conditions where governance and the rule of law have been undermined by conflict or disaster. It provides requirements and guidance on the management of audit programs, conduct of internal or external audits of the management system and private security company operations, and competence and evaluation of auditors.

Single copy price: \$ 25.00

Obtain an electronic copy from: standards@asisonline.org

Order from: standards@asisonline.org

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

**ASSE (American Society of Sanitary Engineering)****New Standards**

BSR/ASSE 1057-200x, Performance Requirements for Freeze Resistant Sanitary Yard Hydrants with Backflow Protection (new standard)

This standard covers design and performance requirements for freeze resistant sanitary yard hydrants to prevent backflow due to backsiphonage and backpressure.

Single copy price: \$ 45.00

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

Order from: Elaine Mathieson, (440) 835-3040, membership@asse-plumbing.org

Send comments (with copy to psa@ansi.org) to: Kenneth Van Wagnen, (440) 835-3040, ken@asse-plumbing.org

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

BSR ATIS 0300211.a-2007 (R201x), Information Interchange - Structure and Coded Representation of National Security and Emergency Preparedness (NS/EP) Telecommunications Service Priority (TSP) Codes for the North American Telecommunications System (reaffirmation of ANSI ATIS 0300211.a-2007)

This supplement provides and informative annex to T1.211-2001 (R2006) that explains the role of TSP in an NGN/IP environment.

Single copy price: \$ 43.00

Obtain an electronic copy from: kconn@atis.org

Order from: Kerriane Conn, (202) 434-8841, kconn@atis.org

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

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

BSR ATIS 0300251-2007 (R201x), Codes for Identification of Service Providers for Information Exchange (reaffirmation of ANSI ATIS 0300251-2007)

This standard provides the specifications and characteristics of codes used to represent service providers. Its intended use is to provide a standard that facilitates information exchange among humans and machines.

Single copy price: \$ 55.00

Obtain an electronic copy from: kconn@atis.org

Order from: Kerriane Conn, (202) 434-8841, kconn@atis.org

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

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

BSR/AWWA B504-201x, Monosodium Phosphate, Anhydrous and Liquid (revision of ANSI/AWWA B504-2005)

This standard describes monosodium phosphate, anhydrous and liquid, for use in the treatment of potable water, wastewater, and reclaimed water. The product described is an orthophosphate used as formulated and in blends to inhibit corrosion of water conveyance systems. The product described by this standard is also known as sodium phosphate, monobasic, anhydrous and liquid.

Single copy price: \$ 20.00

Obtain an electronic copy from: v david@awwa.org

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

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

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

BSR/AWWA B505-200x, Disodium Phosphate, Anhydrous (revision of ANSI/AWWA B505-2005)

This standard describes disodium phosphate, anhydrous, for use in the treatment of potable water, wastewater, and reclaimed water. The product described is an orthophosphate used, as formulated and in blends, to inhibit corrosion of potable water conveyance systems. The product described by this standard is also known as sodium phosphate, dibasic, anhydrous.

Single copy price: \$ 20.00

Obtain an electronic copy from: v david@awwa.org

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

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

## **IAPMO (International Association of Plumbing & Mechanical Officials)**

### **Revisions**

BSR/IAPMO USECC 1-201x, Uniform Solar Energy Code (revision of ANSI/IAPMO USEC 1-2009)

The provisions of this code shall apply to the erection, installation, alteration, addition, repair, relocation, replacement, addition to, use, maintenance, and use of any solar energy systems or swimming pool, spa or hot tub systems.

Single copy price: \$ 15.00

Obtain an electronic copy from: [alma.ramos@iapmo.org](mailto:alma.ramos@iapmo.org)

Order from: Alma Ramos, (909) 472-4110, [alma.ramos@iapmo.org](mailto:alma.ramos@iapmo.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Lynne Simnick, (909) 472-4110, [lynne.simnick@iapmo.org](mailto:lynne.simnick@iapmo.org)

## **NPES (ASC CGATS) (Association for Suppliers of Printing, Publishing and Converting Technologies)**

### **Reaffirmations**

BSR CGATS.20-2002 (R201x), Graphic technology - Variable printing data exchange using PPML and PDF (PPML/VDX) (reaffirmation of ANSI CGATS.20-2002 (R2007))

This standard specifies the methods for the use of the Personalized Print Markup Language (PPML) and the Portable Document Format (PDF) for the exchange or identification of all elements necessary to render a variable data imaging job as intended by the sender. This standard specifies document layout and content data and makes provision for product intent specifications using the Job Definition Format (e.g., paper selection, binding, finishing, etc.).

Single copy price: \$ 45

Obtain an electronic copy from: [dorf@npes.org](mailto:dorf@npes.org)

Order from: Debra Orf, (703) 264-7229, [dorf@npes.org](mailto:dorf@npes.org)

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## **PLASA (PLASA North America)**

### **New Standards**

BSR E1.6-2-201x, Entertainment Technology - Design, Inspection, and Maintenance of Electric Chain Hoists for the Entertainment Industry (new standard)

E1.6-2 is part of the E1.6 powered entertainment rigging project. This draft standard covers the design, inspection, and maintenance of serially manufactured electric link chain hoists having capacity of 2 tons or less and used in the entertainment industry. This standard does not cover attachment to the load or to the overhead structure. Controls used for multiple hoist operation are excluded from the scope of this part of the standard.

Single copy price: Free

Obtain an electronic copy from: [http://tsp.plasa.org/tsp/documents/public\\_review\\_docs.php](http://tsp.plasa.org/tsp/documents/public_review_docs.php)

Order from: Karl Ruling, (212) 244-1505, [karl.ruling@plasa.org](mailto:karl.ruling@plasa.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: same

## **PLASA (PLASA North America)**

### **New Standards**

BSR E1.37-2-201x, Additional Message Sets for ANSI E1.20 (RDM) - Part 2, IPv4 & DNS Configuration Messages (new standard)

This draft standard is part 2 of the E1.37 project. It provides additional get/set parameter messages (PIDs) for use with the ANSI E1.20 Remote Device Management protocol. Messages in this document are intended for configuring network interfaces and Domain Name System settings on devices with an IPv4 address.

Single copy price: Free

Obtain an electronic copy from: [http://tsp.plasa.org/tsp/documents/public\\_review\\_docs.php](http://tsp.plasa.org/tsp/documents/public_review_docs.php)

Order from: Karl Ruling, (212) 244-1505, [karl.ruling@plasa.org](mailto:karl.ruling@plasa.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: same

## **PLASA (PLASA North America)**

### **New Standards**

BSR E1.39-201x, Entertainment Technology - Selection and Use of Personal Fall Arrest Systems on Portable Structures Used in the Entertainment Industry (new standard)

This standard establishes minimum requirements for the selection and use of personal fall arrest systems on portable structures in the entertainment industry. It also establishes minimum requirements for manufacturers and owners of these structures being used as work platforms. The purpose of the document is to provide employers and workers methods for protecting workers in the entertainment industry that meet or exceed current standards for industrial fall protection.

Single copy price: Free

Obtain an electronic copy from: [http://tsp.plasa.org/tsp/documents/public\\_review\\_docs.php](http://tsp.plasa.org/tsp/documents/public_review_docs.php)

Order from: Karl Ruling, (212) 244-1505, [karl.ruling@plasa.org](mailto:karl.ruling@plasa.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: same

## **SCTE (Society of Cable Telecommunications Engineers)**

### **Revisions**

BSR/SCTE 103-201x, Test Method for DC Contact Resistance, Drop cable to "F" connectors and F 81 Barrels (revision of ANSI/SCTE 103-2004)

The purpose of this test procedure is to measure the contact resistance or intimacy of contact between an F connector and the drop cable shield (outer conductor contact resistance) or the cable center conductor and the F81 barrel (inner conductor contact resistance.)

Single copy price: \$ 50

Obtain an electronic copy from: [standards@scte.org](mailto:standards@scte.org)

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

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

## TAPPI (Technical Association of the Pulp and Paper Industry)

### New Standards

BSR/TAPPI T 1212 sp-201x, Light sources for evaluating papers including those containing fluorescent whitening agents (new standard)

This standard practice covers the significance and application of both instrumental and visual light sources for evaluating papers and related materials including those containing fluorescent whitening agents.

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## TAPPI (Technical Association of the Pulp and Paper Industry)

### New Standards

BSR/TAPPI T 1215 sp-201x, The determination of instrumental color differences (new standard)

This standard practice provides a general introduction to the use of color differences and a list of the most widely used equations to obtain them. Color differences can be used:

- (1) as a guide to establishing color tolerances in the production of pulp, paper, and paperboard;
- (2) for the determination of buying and selling tolerances of color; and
- (3) to provide a method of determining the adequacy of color matches.

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## TAPPI (Technical Association of the Pulp and Paper Industry)

### New Standards

BSR/TAPPI T 1216 sp-201x, Indices for whiteness, yellowness, brightness, and luminous reflectance factor (new standard)

This Standard Practice deals only with simplified color indices applicable specifically to white colors. There are approximately 5000 distinguishable white colors. As with any other color, three numbers are necessary for the complete identification of any white. All the color and color difference scales regularly used for color specification are applicable to white colors.

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## UL (Underwriters Laboratories, Inc.)

### New Standards

BSR/UL 100-201x, Standard for Sustainability for Gypsum Boards and Panels (new standard)

This standard establishes multiple attribute sustainability requirements for gypsum board and panel products.

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## UL (Underwriters Laboratories, Inc.)

### New Standards

BSR/UL 1577-201X, Standard for Safety for Optical Isolators (new standard)

The proposal includes:

- (1) First-time ANSI approval for the Standard for Optical Isolators, UL 1577.

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## UL (Underwriters Laboratories, Inc.)

### New Standards

BSR/UL 8752-201X, Standard for Safety for Organic Light Emitting Diode (OLED) Panels (new standard)

The following changes in requirements to the Standard for Organic Light Emitting Diode (OLED) Panels, UL 8752/ULC-S8752, are being proposed:

- (1) The Proposed First Edition of the Joint UL/ULC Standard for Organic Light Emitting Diode (OLED) Panels, UL 8752/ULC-S8752.

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

BSR/UL 1004-1-201X, Standard for Safety for Rotating Electrical Machines - General Requirements (Proposal dated 3-9-12) (revision of ANSI/UL 1004-1-2011)

The proposals include revisions to:

- (1) pollution degree definition;
- (2) spacing requirements;
- (3) splice insulation;
- (4) insulation systems;
- (5) start switches;
- (6) markings for air-over motors; and
- (7) marking requirements.

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

BSR/UL 2251-201X, Standard for Safety for Plugs, Receptacles and Couplers for Electric Vehicles (revision of ANSI/UL 2251-2011)

These requirements cover plugs, receptacles, vehicle inlets, vehicle connectors, and breakaway couplings, rated up to 800 amperes and up to 600 volts ac or dc, intended for conductive connection systems, for use with electric vehicles. These devices are for use in either indoor or outdoor nonhazardous locations in accordance with National Electrical Codes.

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

BSR/UL 60730-2-8-2007 (R201x), Standard for Automatic Electrical Controls for Household and Similar Use; Part 2: Particular Requirements for Electrically Operated Water Valves, Including Mechanical Requirements (reaffirmation of ANSI/UL 60730-2-8-2007)

This part 2-8 applies to electrically operated WATER VALVES for use in, on or in association with equipment for household and similar use that may use electricity, gas, oil, solid fuel, solar thermal energy, etc. or a combination thereof, including heating, air-conditioning and similar applications. This part 2-8 is also applicable to electrically operated WATER VALVES for appliances within the scope of IEC 60335. These requirements do not cover VALVES for marine use. This part 2-8 contains requirements for electrical features of WATER VALVES and requirements for mechanical features of VALVES that affect their intended OPERATION.

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**Comment Deadline: May 8, 2012**

Reaffirmations and withdrawals available electronically may be accessed at: [webstore.ansi.org](http://webstore.ansi.org)

**ASSE (ASC A1264) (American Society of Safety Engineers)****Revisions**

BSR/ASSE A1264.2-201X, Standard for the Provision of Slip Resistance on Walking/Working Surfaces (revision of ANSI/ASSE A1264.2-2006)

This standard sets forth provisions for protecting persons where there is potential for slips and falls as a result of surface characteristics or conditions.

Single copy price: \$ 50

Order from: Timothy Fisher, (847) 768-3411, [TFisher@ASSE.org](mailto:TFisher@ASSE.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: same

**IEEE (Institute of Electrical and Electronics Engineers)****New Standards**

BSR/IEEE 45.2-201x, Recommended Practice for Electrical Installations on Shipboard - Controls and Automation (new standard)

The recommendations for controls, control applications, control apparatus, and automation on shipboards are established by this document. These recommendations reflect the present-day technologies, engineering methods, and engineering practices.

Single copy price: \$ pdf: 134; printed: 165

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**IEEE (Institute of Electrical and Electronics Engineers)****New Standards**

BSR/IEEE 802.1BA-201x, Standard for Local and Metropolitan Area Networks - Audio Video Bridging (AVB) Systems (new standard)

This standard defines profiles that select features, options, configurations, defaults, protocols and procedures of bridges, stations and LANs that are necessary to build networks that are capable of transporting time sensitive audio and/or video data streams.

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## IEEE (Institute of Electrical and Electronics Engineers)

### New Standards

BSR/IEEE 807-201x, Recommended Practice for Unique Identification in Hydroelectric Facilities (new standard)

This recommended practice provides a unique identification system for hydro facilities that segregates and incorporates plant, unit, system, and component identifiers as a minimum.

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## IEEE (Institute of Electrical and Electronics Engineers)

### New Standards

BSR/IEEE 1303-2011, Guide for Static Var Compensator Field Tests (new standard)

This document is a guide for field testing and commissioning of static var compensators (SVCs). As such, the document establishes general guidelines and criteria for field testing to verify the specified performance of SVC systems. Many clauses will be useful for compensator systems using gate turn-off (GTO) thyristor technology [static compensator (STATCOM)] or other semiconductor devices such as insulated gate commutated transistor (IGCT).

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## IEEE (Institute of Electrical and Electronics Engineers)

### New Standards

BSR/IEEE 1453-201x, Recommended Practice for Adoption of IEC 61000-4-15:2010, Electromagnetic Compatibility (EMC)-Testing (new standard)

This standard adopts IEC 61000-4-15:2010, which gives a functional and design specification for flicker measuring apparatus intended to indicate the correct flicker perception level for all practical voltage fluctuation waveforms. Information is presented to enable such an instrument to be constructed. A method is given for the evaluation of flicker severity on the basis of the output of flickermeters complying with this standard. The object of IEC 61000-4-15:2010 is to provide basic information for the design and the instrumentation of an analogue or digital flicker measuring apparatus. It does not give tolerance limit values of flicker severity.

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## IEEE (Institute of Electrical and Electronics Engineers)

### New Standards

BSR/IEEE 1474.4-201x, Recommended Practice for Functional Testing of a Communications-Based Train Control (CBTC) System (new standard)

This recommended practice establishes a preferred approach for functional testing a CBTC system.

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## IEEE (Institute of Electrical and Electronics Engineers)

### New Standards

BSR/IEEE 1490-201x, Guide: Adoption of the Project Management Institute (PMI) Standard: A Guide to the Project Management Body of Knowledge (PMBOK Guide) - 2008 (4th edition) (new standard)

Some major differences between the Third Edition and the Fourth Edition are summarized below: A standard approach to discussing enterprise environmental factors and organizational process assets was employed. A standard approach for discussing requested changes, preventive actions, corrective actions, and defect repairs was employed. To provide clarity, a distinction was made between the project management plan and project documents used to manage the project. A data flow diagram for each process has been created to show the related processes for the inputs and outputs.

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## IEEE (Institute of Electrical and Electronics Engineers)

### New Standards

BSR/IEEE 1584b-201x, Guide for Performing Arc-Flash Hazard Calculations - Amendment 1: Changes to Clause 4 (new standard)

This guide provides techniques for designers and facility operators to apply in determining the arc-flash hazard distance and the incident energy to which employees could be exposed during their work on or near electrical equipment. This amendment provides changes in Clause 4, the analysis process, based on the experience of persons who have conducted many of these studies.

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## IEEE (Institute of Electrical and Electronics Engineers)

### New Standards

BSR/IEEE 1591.3-201x, Standard for Qualifying Hardware for Helically-Applied Fiber Optic Cable Systems (WRAP Cable) (new standard)

This standard covers hardware for use with all-dielectric fiber optic (WRAP) cable designed to be helically wrapped around a conductor or other messenger on overhead power facilities. This covers mechanical, and electrical performance, test requirements, environmental considerations, and acceptance criteria for qualification of the hardware.

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## IEEE (Institute of Electrical and Electronics Engineers)

### New Standards

BSR/IEEE 1653.4-201x, Standard for dc Traction Power System Field Testing and Acceptance Criteria for System Applications up to 1500 Volts dc Nominal (new standard)

This standard provides field test and acceptance criteria for transportation system applications powered by a dc traction power system up to 1500 volts nominal.

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## IEEE (Institute of Electrical and Electronics Engineers)

### New Standards

BSR/IEEE 1658-201x, Standard for Terminology and Test Methods of Digital-to-Analog Converter Devices (new standard)

This standard defines terminology and test methods to clearly document prevalent world-wide terms used to describe and test Digital to Analog Converters (DAC's). It is restricted to monolithic, hybrid, and module DAC's and does not cover systems encompassing DAC's.

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## IEEE (Institute of Electrical and Electronics Engineers)

### New Standards

BSR/IEEE 1692-201x, Guide for the Protection of Communication Installations from Lightning Effects (new standard)

This document presents engineering design guidelines for the prevention of lightning damage to communications equipment within structures.

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## IEEE (Institute of Electrical and Electronics Engineers)

### New Standards

BSR/IEEE 1734-201x, Standard for Quality of Electronic and Software Intellectual Property used in System and System on Chip (SoC) (new standard)

This specification defines a standard XML format for representing electronic IP quality information, based on an information model for electronic IP quality measurement. It includes a schema and the terms that are relevant for measuring electronic IP quality, including software that executes on the system. The schema and information model can be focused to represent particular categories of interest to IP users. In the context of this document, the term 'IP' shall be used to mean Intellectual Property electronic design data. Electronic Design Intellectual Property is a term used in the electronic design community.

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## IEEE (Institute of Electrical and Electronics Engineers)

### New Standards

BSR/IEEE 1786-201x, Human Factors Guide for Applications of Computerized Operating Procedure Systems at Nuclear Power Generating Stations and other Nuclear Facilities (new standard)

This document provides guidance for the application of Computerized Operating Procedure Systems (COPS). This guidance concerns the design (i.e., form and function) and use of COPS. In general, this guide does not provide guidance for the technical content of the operating procedures being presented except as needed to address unique aspects of procedure implementation on COPS.

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## IEEE (Institute of Electrical and Electronics Engineers)

### New Standards

BSR/IEEE 1900.4a-201x, Standard for Architectural Building Blocks Enabling Network-Device Distributed Decision Making for Optimized Radio Resource Usage in Heterogeneous Wireless Access Networks - Amendment: Architecture and Interfaces for Dynamic Spectrum Access Networks in White Space Frequency Bands (new standard)

This standard amends the IEEE 1900.4 standard to enable mobile wireless access service in white space frequency bands without any limitation on used radio interface (physical and media access control layers, carrier frequency, etc) by defining additional components of the IEEE 1900.4 system.

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## IEEE (Institute of Electrical and Electronics Engineers)

### New Standards

BSR/IEEE 1903-201x, Standard for the Functional Architecture of Next Generation Service Overlay Networks (new standard)

This Next Generation Service Overlay Network (NGSON) standard describes a framework of Internet Protocol(IP)-based service overlay networks and specifies context-aware (e.g., such as required Quality of Service (QoS) level, type of service such as real-time vs. data, nature of data stream such as I-frame vs. B-frame, and type of terminal such as TV monitor vs. personal digital assistant), dynamically adaptive, and self-organizing networking capabilities, including advanced routing and forwarding schemes, and that are independent of underlying networks.

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## IEEE (Institute of Electrical and Electronics Engineers)

### New Standards

BSR/IEEE 11073-10406-201x, Health Informatics - Personal Health Device Communication - Device Specialization - Basic Electrocardiograph (ECG) (1 to 3-lead ECG) (new standard)

Within the context of the ISO/IEEE 11073 family of standards for device communication, this standard establishes a normative definition of the communication between personal basic electrocardiograph (ECG) devices and managers (e.g. cell phones, personal computers, personal health appliances, set top boxes) in a manner that enables plug-and-play interoperability.

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## IEEE (Institute of Electrical and Electronics Engineers)

### New Standards

BSR/IEEE 11073-10418-201x, Health Informatics - Personal Health Device Communication - Device Specialization - International Normalized Ratio (INR) Monitor (new standard)

The scope of this standard is to establish a normative definition of communication between personal telehealth International Normalized Ratio (INR) devices (agents) and managers (e.g. cell phones, personal computers, personal health appliances, set top boxes) in a manner that enables plug-and-play interoperability.

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## IEEE (Institute of Electrical and Electronics Engineers)

### New Standards

BSR/IEEE 11073-30200a-201x, Standard for Health Informatics - Point-of-Care Medical Device Communication - Part 30200 Transport Profile - Cable Connected - Amendment 1 (new standard)

This amendment extends the ISO/IEEE 11073-30200:2004 standard to include IEEE Std 802.3-2008 100BASE-T and includes analysis of the compatibility of cable connections between ISO/IEEE 11073-30200:2004 and IEEE Std 802.3-2008.

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## IEEE (Institute of Electrical and Electronics Engineers)

### New Standards

BSR/IEEE 15289-201x, Software and Systems Engineering - Content of Life-Cycle Information Products (Documentation) (new standard)

This International Standard specifies the purpose and content of all identified systems and software life cycle and service management information items (documentation). The information item contents are defined according to generic document types, as presented in Clause 7, and the specific purpose of the document (Clause 10).

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## IEEE (Institute of Electrical and Electronics Engineers)

### New Standards

BSR/IEEE 29148-201x, Systems and Software Engineering - Life Cycle Processes - Requirements Engineering (new standard)

This International Standard specifies the required processes that are to be implemented for the engineering of requirements for systems and software products (including services) throughout the life cycle, gives guidelines for applying the requirements and requirements-related processes described in ISO/IEC 12207:2008 (IEEE Std 12207-2008) and ISO/IEC 15288:2008 (IEEE Std 15288-2008), specifies the required information items that are to be produced through the implementation of the requirements processes, specifies the required contents of the required information items, and gives guidelines for the format of the required and related information items.

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## IEEE (Institute of Electrical and Electronics Engineers)

### New Standards

BSR/IEEE 42010-201x, Systems and Software Engineering - Architecture Description (new standard)

This International Standard specifies the manner in which architecture descriptions of systems are organized and expressed. This International Standard specifies architecture viewpoints, architecture frameworks and architecture description languages for use in architecture descriptions. This International Standard also provides motivations for terms and concepts used; presents guidance on specifying architecture viewpoints; and demonstrates the use of this International Standard with other standards.

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## IEEE (Institute of Electrical and Electronics Engineers)

### New Standards

BSR/IEEE 62582-1-201x, Standard for Nuclear Power Plants - Instrumentation and Control Important to Safety - Electrical Equipment Condition Monitoring Methods - Part 1: General (new standard)

This International Standard contains requirements for application of the IEC/IEEE 62582- series of methods for condition monitoring in electrical equipment important to safety of nuclear power plants. It also includes requirements which are common to all methods. The IEC/IEEE 62582-series of standards specify condition monitoring methods in sufficient detail to enhance the accuracy and repeatability, and provide standard formats for reporting the results. The methods specified are applicable to electrical equipment containing organic or polymeric materials.

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## IEEE (Institute of Electrical and Electronics Engineers)

### New Standards

BSR/IEEE 62582-2-201x, Standard for Nuclear Power Plants - Instrumentation and Control Important to Safety - Electrical Equipment Condition Monitoring Methods - Part 2: Indenter Modulus (new standard)

This International Standard contains methods for condition monitoring of organic and polymeric materials in instrumentation and control systems using the indenter modulus technique in the detail necessary to produce accurate and reproducible measurements. It includes the requirements for the selection of samples, the measurement system and measurement conditions, and the reporting of the measurement results.

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## IEEE (Institute of Electrical and Electronics Engineers)

### New Standards

BSR/IEEE 62582-4-201x, Standard for Nuclear Power Plants - Instrumentation and Control Important to Safety - Electrical Equipment Condition Monitoring Methods - Part 4: Oxidation Induction Techniques (new standard)

This part of IEC/IEEE 62582 specifies methods for condition monitoring of organic and polymeric materials in instrumentation and control systems using oxidation induction techniques in the detail necessary to produce accurate and reproducible measurements. It includes the requirements for sample preparation, the measurement system and conditions, and the reporting of the measurement results.

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## IEEE (Institute of Electrical and Electronics Engineers)

### New Standards

BSR/IEEE C37.47-201x, Standard Specifications For High Voltage (> 1000 V) Current-Limiting Type Distribution Class Fuses and Fuse Disconnecting Switches (new standard)

This standard establishes specifications for high voltage (above 1000 volts) distribution class current limiting type fuses and associated accessories. All of these devices are intended for use on alternating current systems.

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## IEEE (Institute of Electrical and Electronics Engineers)

### *New Standards*

BSR/IEEE C37.122.3-201x, Guide for Sulphur Hexafluoride (SF6) Gas Handling for High Voltage (over 1000 Vac) Equipment (new standard)

This guide describes significant aspects of handling SF6 gas used in electric power equipment, such as gas recovery, reclamation, and recycling, in order to keep the gas permanently in a closed cycle and to avoid any deliberate release into the environment.

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## IEEE (Institute of Electrical and Electronics Engineers)

### *New Standards*

BSR/IEEE C57.148-201x, Standard for Control Cabinets for Power Transformers (new standard)

This Standard will provide minimum and optional function, layout and construction requirements for standard control cabinet designs. It will also include a coding system for specifying standard control cabinets with the required options. This standard will apply to Class 1 and Class 2 power transformers and will not apply to distribution nor padmount design transformers.

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## IEEE (Institute of Electrical and Electronics Engineers)

### *New National Adoptions*

BSR/IEEE 15026-2-201x, Standard Adoption of ISO/IEC 15026 Systems and Software Engineering - Systems and software assurance - Part 2: Assurance case (identical national adoption of ISO/IEC 15026-2:2011)

This International Standard specifies minimum requirements for the structure and contents of an assurance case. An assurance case includes a top-level claim for a property of a system or product (or set of claims), systematic argumentation regarding this claim, and the evidence and explicit assumptions that underlie this argumentation. Arguing through multiple levels of subordinate claims, this structured argumentation connects the top-level claim to the evidence and assumptions.

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## IEEE (Institute of Electrical and Electronics Engineers)

### *Revisions*

BSR/IEEE 181-201x, Standard for Transitions, Pulses, and Related Waveforms (revision of ANSI/IEEE 181-2003)

This standard defines terms pertaining to transitions, pulses, and related signals and defines procedures for estimating their parameters.

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## IEEE (Institute of Electrical and Electronics Engineers)

### *Revisions*

BSR/IEEE 515-201x, Standard for the Testing, Design, Installation, and Maintenance of Electrical Resistance Trace Heating for Industrial Applications (revision of ANSI/IEEE 515-2004)

Specific testing requirements for qualifying electrical resistance heating cables and heating devices for use in industrial applications, as well as a basis for electrical and thermal design, are included. Applications include unclassified, and explosive atmospheres using both Divisions and Zone methods of classification.

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## IEEE (Institute of Electrical and Electronics Engineers)

### *Revisions*

BSR/IEEE 802.15.4-201x, Standard for Local and Metropolitan Area Networks Part 15.4: Low-Rate Wireless Personal Area Networks (LRWPANS) (revision of ANSI/IEEE 802.15.4-2006)

This standard defines the physical layer (PHY) and medium access control (MAC) sublayer specifications for low-data-rate wireless connectivity with fixed, portable, and moving devices with no battery or very limited battery consumption requirements typically operating in the personal operating space (POS) of 10 m.

Single copy price: \$ pdf: 5; printed : 99

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## IEEE (Institute of Electrical and Electronics Engineers)

### Revisions

BSR/IEEE 1246-201x, Guide for Temporary Protective Grounding Systems Used in Substations (revision of ANSI/IEEE 1246-2002)

This guide covers the design, performance, use, testing, and installation of temporary protective grounding (TPG) systems, including the connection points, as used in permanent and mobile substations. This guide does not address series-capacitor compensated systems.

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## IEEE (Institute of Electrical and Electronics Engineers)

### Revisions

BSR/IEEE 1349-201x, Guide for the Application of Electric Motors in Class I, Division 2 and Class I, Zone 2 Hazardous (Classified) Locations (revision of ANSI/IEEE 1349-2001)

Three-phase and single-phase AC synchronous and induction electric motors in ratings 0.18 kW (1/4 hp) and larger are covered in this Guide. Primary emphasis is on the use of open or nonexplosionproof or nonflameproof enclosed motors in Class I, Division 2 and Class I, Zone 2 locations as covered in NFPA 70-2011. Surface temperature test methods and sine wave and non-sine wave applications are covered. Precautions against excessive surface temperatures and sparking are included.

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## IEEE (Institute of Electrical and Electronics Engineers)

### Revisions

BSR/IEEE 1647-201x, Standard for the Functional Verification Language e (revision of ANSI/IEEE 1647-2006)

This standard defines the e functional verification language. This standard aims to serve as an authoritative source for the definition of

- (a) syntax and semantics of e language constructs;
- (b) the e language interaction with standard simulation languages; and
- (c) e language libraries.

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## IEEE (Institute of Electrical and Electronics Engineers)

### Revisions

BSR/IEEE C37.10-201x, Guide for Investigation, Analysis and Reporting of Power Circuit Breaker Failures (revision of ANSI/IEEE C37.10-1996 (R2008))

This guide provides practices and processes to perform, analyze, and report failure investigations of power circuit breakers.

Single copy price: \$ pdf: 118; printed: 144

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## IEEE (Institute of Electrical and Electronics Engineers)

### Revisions

BSR/IEEE C37.011-2011, Guide for the Application of Transient Recovery Voltage for AC High-Voltage Circuit Breakers (revision of ANSI/IEEE C37.011-2005)

This application guide covers procedures and calculations necessary to apply the standard transient recovery voltage (TRV) ratings for ac high-voltage circuit breakers rated above 1000 V. The breaking capability limits of these circuit breakers are determined to a great degree by the TRV. This application guide is not included in other existing circuit breaker standards. In this document, the TRV ratings are compared with typical system TRV duties. Examples of TRV calculation are given with suggested options if the TRV duty exceeds the TRV ratings of the circuit breaker.

Single copy price: \$ pdf: 134; printed: 165

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## IEEE (Institute of Electrical and Electronics Engineers)

### Revisions

BSR/IEEE C37.232-201x, Standard for Common Format for Naming Time Sequence Data Files (COMNAME) (revision of ANSI/IEEE C37.232-2007)

This standard defines a procedure for naming time sequence data (TSD) files that originate from digital protection and measurement devices, such as transient data records, event sequences, and periodic data logs. The filename includes, among other features, key portions of the information contained in the file, including, but not limited to, the names of the circuit, substation and recording device, and the date and time of event occurrence.

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## IEEE (Institute of Electrical and Electronics Engineers)

### Revisions

BSR/IEEE C57.12.20-201x, Standard for Overhead Type Distribution Transformers, 500 kVA and Smaller: High Voltage, 34 500 Volts and Below; Low Voltage, 7970/13 800Y Volts and Below (revision of ANSI/IEEE C57.12.20-2005)

This standard covers certain electrical, dimensional, and mechanical characteristics and safety features of single- and three-phase, 60-Hz, mineral-oil-immersed, self-cooled, overhead-type distribution transformers 500 kVA and smaller, high voltages 34 500 V and below and low voltages 7970/13 800Y V and below.

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## IEEE (Institute of Electrical and Electronics Engineers)

### Revisions

BSR/IEEE C57.16-201x, Standard Requirements, Terminology, and Test Code for Dry-Type Air-Core Series-Connected Reactors (revision of ANSI/IEEE C57.16-1996 (R2001))

This standard applies to series-connected dry-type air-core single-phase and three-phase outdoor or indoor reactors of distribution and transmission voltage class that are connected in the power system to control power flow under steady-state conditions and/or limit fault current under short-circuit conditions. Dry-type air-core reactors covered by this standard are self-cooled by natural air convection.

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## IEEE (Institute of Electrical and Electronics Engineers)

### Revisions

BSR/IEEE C57.135-201x, Guide for the Application, Specification and Testing of Phase Shifting Transformers (revision of ANSI/IEEE C57.135-2001)

This guide covers the application, specification, theory of operation, and factory and field testing of single-phase and three-phase oil-immersed phase-shifting transformers (PST). This guide is limited to matters particular to PSTs and does not include matters relating to general requirements for power transformers covered in existing standards, recommended practices or guides.

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## IEEE (Institute of Electrical and Electronics Engineers)

### Reaffirmations

BSR/IEEE 572-2006 (R201x), Standard for Qualification of Class 1E Connection Assemblies for Nuclear Power Generating Stations (reaffirmation of ANSI/IEEE 572-2006)

This standard provides basic requirements, direction, and methods for qualifying Class 1E Connection Assemblies for service in nuclear power generating stations. These include connectors, terminations, and environmental seals in combination with related cables or wires as assemblies.

Single copy price: \$ pdf: 81; printed: 105

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## IEEE (Institute of Electrical and Electronics Engineers)

### Reaffirmations

BSR/IEEE 1106-2005 (R201x), Recommended Practice for Installation, Maintenance, Testing, and Replacement of Vented Nickel-Cadmium Batteries for Stationary Applications (reaffirmation of ANSI/IEEE 1106-2005)

This recommended practice is applicable to all stationary standby applications. However, specific applications, such as emergency lighting units and semiportable equipment, may have other appropriate practices and are beyond the scope of this recommended practice. Stationary cycling applications, such as those found in alternative energy applications, are also beyond the scope of this document.

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## IEEE (Institute of Electrical and Electronics Engineers)

### Reaffirmations

BSR/IEEE 1175.2-2006 (R201x), Recommended Practice for CASE Tool Interconnection - Characterization of Interconnections (reaffirmation of ANSI/IEEE 1175.2-2006)

This recommended practice presents four contexts for a computing system tool's interconnections that offer insight into the operational problems of interconnecting computing system tools with their environment. This recommended practice establishes recommended collections of standard contextual attributes describing relationships between a computing system tool and its organizational deployment, its human user, its executable platform, and its peer tools.

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

### ***New Standards***

BSR/UL 60730-2-14-201X, Standard for Automatic Electrical Controls for Household and Similar Use; Part 2: Particular Requirements for Electric Actuators (new standard)

This part of IEC 60730 applies to electric actuators for use in, on, or in association with equipment for household and similar use for heating, air-conditioning and ventilation. The equipment may use electricity, gas, oil, solid fuel, solar thermal energy, etc., or a combination thereof. This part 2 applies to electric actuators using NTC or PTC THERMISTORS, additional requirements for which are contained in annex J.

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

### ***Revisions***

BSR/UL 180-201x, Standard for Safety for Liquid-Level Indicating Gauges for Oil Burner Fuels (Bulletin dated March 9, 2012) (revision of ANSI/UL 180-1997 (R2007))

This Proposed Eighth Edition of the Standard for Safety for Liquid-Level Indicating Gauges for Oil Burner Fuels, UL 180, is a complete rewrite of the standard intended to update coverage of gauge types currently available, and to address outdated requirements for construction, function, and compatibility that are reflective of the expected uses; and includes changes to the following major areas:

- (a) Scope and Glossary;
- (b) Construction Requirements;
- (c) Performance Requirements; and
- (d) Markings and Instructions.

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## Comment Deadline: April 23, 2012

### ASTM (ASTM International)

The URL to search for scopes of ASTM standards is: <http://www.astm.org/dsearch.htm>.

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For all ASTM standards, send comments (with copy to BSR) to: Karen Wilson, ASTM; [kwilson@astm.org](mailto:kwilson@astm.org).

### New Standards

BSR/ASTM WK23226-201x, Specification for Multilayer [Polyethylene-Polyamide (PE-PA), Polyamide-Polyethylene (PA-PE) and Polyamide-Polyethylene-Polyamide (PA-PE-PA)] Pipe for Pressure Piping Applications (new standard)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: Free

BSR/ASTM WK23858-201x, Specification For Insulated Vinyl Siding (new standard)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: Free

BSR/ASTM WK28623-201x, Specification for Polyamide 11 Gas Pressure Pipe, Tubing, and Fittings (new standard)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: Free

BSR/ASTM WK30656-201x, Test Method for Determining the Fire Resistance of Building Perimeter Containment Systems Due to External Spread of Fire (new standard)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: Free

BSR/ASTM WK32201-201x, Specification for Crosslinked Polyethylene (PEX) Tubing of 0.070<sub>7</sub> Wall and Fittings for Radiant Heating Systems (new standard)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

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BSR/ASTM WK33567-201x, Specification for PVC Hub and Elastomeric Seal (Gasket) Tee Connection for Joining Plastic Pipe to in situ Pipelines and Manholes (new standard)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

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BSR/ASTM WK35051-201x, Specification for 150 to 1500 mm [6 to 60 in] Annular Corrugated Profile-Wall Polyethylene (PE) Pipe and Fittings for Sanitary Sewer Applications (new standard)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: Free

### Revisions

BSR/ASTM D69-201x, Test Methods for Friction Tapes (revision of ANSI/ASTM D69-2006)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 40.00

BSR/ASTM D902-201x, Test Methods for Flexible Resin-Coated Glass Fabrics and Glass Fabric Tapes Used for Electrical Insulation (revision of ANSI/ASTM D902-2006)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

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BSR/ASTM D1785-201x, Specification for Poly(Vinyl Chloride) (PVC) Plastic Pipe, Schedules 40, 80, And 120 (revision of ANSI/ASTM D1785-2006)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 46.00

BSR/ASTM D2513-201x, Specification for Polyethylene (PE) Gas Pressure Pipe, Tubing, and Fittings (revision of ANSI/ASTM D2513-2012)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 46.00

BSR/ASTM D2665-201x, Specification For Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings (revision of ANSI/ASTM D2665-2011)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 40.00

BSR/ASTM D2992-201x, Practice for Obtaining Hydrostatic or Pressure Design Basis for "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe and Fittings (revision of ANSI/ASTM D2992-2006)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 46.00

BSR/ASTM D3681-201x, Test Method for Chemical Resistance of "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe in a Deflected Condition (revision of ANSI/ASTM D3681-2006)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 40.00

BSR/ASTM D4514-201x, Specification for Friction Tape (revision of ANSI/ASTM D4514-2006)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

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BSR/ASTM D5365-201x, Test Method for Long-Term Ring-Bending Strain of "Fiberglass" (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe (revision of ANSI/ASTM D5365-2006)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 40.00

BSR/ASTM E84-201x, Test Method for Surface Burning Characteristics of Building Materials (revision of ANSI/ASTM E84-2012)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 57.00

BSR/ASTM E119-201x, Test Methods for Fire Tests of Building Construction and Materials (revision of ANSI/ASTM E119-2012)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 57.00

BSR/ASTM E136-201x, Test Method for Behavior of Materials in a Vertical Tube Furnace at 750 C (revision of ANSI/ASTM E136-2011)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 46.00

BSR/ASTM E603-201x, Guide for Room Fire Experiments (revision of ANSI/ASTM E603-2007)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 46.00

BSR/ASTM E1355-201x, Guide for Evaluating the Predictive Capability of Deterministic Fire Models (revision of ANSI/ASTM E1355-2011)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 40.00

BSR/ASTM E1537-201x, Test Method for Fire Testing of Upholstered Furniture (revision of ANSI/ASTM E1537-2007)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 57.00

BSR/ASTM E1590-201x, Test Method for Fire Testing of Mattresses (revision of ANSI/ASTM E1590-2007)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

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BSR/ASTM E1623-201x, Test Method for Determination of Fire and Thermal Parameters of Materials, Products, and Systems Using an Intermediate Scale Calorimeter (ICAL) (revision of ANSI/ASTM E1623-2009)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

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BSR/ASTM E2226-201x, Practice for Application of Hose Stream (revision of ANSI/ASTM E2226-2011)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 40.00

BSR/ASTM E2652-201x, Test Method for Behavior of Materials in a Tube Furnace with a Cone-Shaped Airflow Stabilizer, at 750 C (revision of ANSI/ASTM E2652-2009A)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 46.00

BSR/ASTM E2748-201x, Guide for Fire-Resistance Experiments (revision of ANSI/ASTM E2748-2011)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 40.00

BSR/ASTM F412-201x, Terminology Relating to Plastic Piping Systems (revision of ANSI/ASTM F412-2009)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 46.00

BSR/ASTM F645-201x, Guide for Selection, Design, and Installation of Thermoplastic Water- Pressure Piping Systems (revision of ANSI/ASTM F645-2011)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 40.00

BSR/ASTM F1216-201x, Practice for Rehabilitation of Existing Pipelines and Conduits by the Inversion and Curing of a Resin-Impregnated Tube (revision of ANSI/ASTM F1216-2009)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 40.00

BSR/ASTM F1499-201x, Specification for Coextruded Composite Drain, Waste, and Vent Pipe (DWV) (revision of ANSI/ASTM F1499-2001 (R2008))

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 40.00

BSR/ASTM F1743-201x, Practice for Rehabilitation of Existing Pipelines and Conduits by Pulled-In-Place Installation of Cured-In-Place Thermosetting Resin Pipe (CIPP) (revision of ANSI/ASTM F1743-2008a)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 40.00

BSR/ASTM F1924-201x, Specification for Plastic Mechanical Fittings for Use on Outside Diameter Controlled Polyethylene Gas Distribution Pipe and Tubing (revision of ANSI/ASTM F1924-2005 (R2011))

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 35.00

BSR/ASTM F1948-201x, Specification for Metallic Mechanical Fittings for Use on Outside Diameter Controlled Thermoplastic Gas Distribution Pipe and Tubing (revision of ANSI/ASTM F1948-2005 (R2011))

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 40.00

BSR/ASTM F1973-201x, Specification for Factory Assembled Anodeless Risers and Transition Fittings in Polyethylene (PE) and Polyamide 11 (PA11) and Polyamide 12 (PA12) Fuel Gas Distribution Systems (revision of ANSI/ASTM F1973-2008)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 40.00

BSR/ASTM F2019-201x, Practice for Rehabilitation of Existing Pipelines and Conduits by the Pulled-In-Place Installation of Glass Reinforced Plastic (GRP) Cured-In-Place Thermosetting Resin Pipe (CIPP) (revision of ANSI/ASTM F2019-2011)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 40.00

BSR/ASTM F2138-201x, Specification for Excess Flow Valves for Natural Gas Service (revision of ANSI/ASTM F2138-2009)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 40.00

BSR/ASTM F2435-201x, Specification for Steel Reinforced Polyethylene (PE) Corrugated Pipe (revision of ANSI/ASTM F2435-2006)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 40.00

BSR/ASTM F2831-201x, Practice for Internal Non-Structural Epoxy Barrier Coating Material Used In Rehabilitation of Metallic Pressurized Piping Systems (revision of ANSI/ASTM F2831-2011)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 35.00

BSR/ASTM F2855-201x, Specification for a Chlorinated Poly(Vinyl Chloride)/Aluminum/Chlorinated Poly(Vinyl Chloride) (CPVC-AL-CPVC) Composite Pressure Tubing (revision of ANSI/ASTM F2855-2011)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 40.00

**Reaffirmations**

BSR/ASTM D115-2007 (R201x), Test Methods for Testing Solvent Containing Varnishes Used for Electrical Insulation (reaffirmation of ANSI/ASTM D115-2007)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 40.00

BSR/ASTM D176-2007 (R201x), Test Methods for Solid Filling and Treating Compounds Used for Electrical Insulation (reaffirmation of ANSI/ASTM D176-2007)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 40.00

BSR/ASTM D2464-2006 (R201x), Specification for Threaded Poly(Vinyl Chloride) (PVC) Plastic Pipe Fittings, Schedule 80 (reaffirmation of ANSI/ASTM D2464-2006)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 40.00

BSR/ASTM D2484-2006 (R201x), Specification for Polyester Film Pressure-Sensitive Electrical Insulating Tape (reaffirmation of ANSI/ASTM D2484-2006)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 35.00

BSR/ASTM D2519-2007 (R201x), Test Method for Bond Strength of Electrical Insulating Varnishes by the Helical Coil Test (reaffirmation of ANSI/ASTM D2519-2007)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 35.00

BSR/ASTM D2686-2006 (R201x), Specification for Polytetrafluoroethylene-Backed Pressure-Sensitive Electrical Insulating Tape (reaffirmation of ANSI/ASTM D2686-2006)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 35.00

BSR/ASTM D2756-2007 (R201x), Test Method for Weight Loss of Electrical Insulating Varnishes (reaffirmation of ANSI/ASTM D2756-2007)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 35.00

BSR/ASTM E1334-1995 (R201x), Practice for Rating the Serviceability of a Building or Building-Related Facility (reaffirmation of ANSI/ASTM E1334-1995 (R2005))

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 46.00

BSR/ASTM E1660-1995A (R201x), Classification for Serviceability of an Office Facility for Support for Office Work (reaffirmation of ANSI/ASTM E1660-1995A (R2005))

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 46.00

BSR/ASTM E1661-1995A (R201x), Classification for Serviceability of an Office Facility for Meetings and Group Effectiveness (reaffirmation of ANSI/ASTM E1661-1995A (R2005))

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 46.00

BSR/ASTM E1662-1995A (R201x), Classification for Serviceability of an Office Facility for Sound and Visual Environment (reaffirmation of ANSI/ASTM E1662-1995A (R2005))

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 46.00

BSR/ASTM E1664-1995A (R201x), Classification for Serviceability of an Office Facility for Layout and Building Factors (reaffirmation of ANSI/ASTM E1664-1995A (R2005))

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 40.00

BSR/ASTM E1665-1995A (R201x), Classification for Serviceability of an Office Facility for Facility Protection (reaffirmation of ANSI/ASTM E1665-1995A (R2005))

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 46.00

BSR/ASTM E1666-1995A (R201x), Classification for Serviceability of an Office Facility for Work Outside Normal Hours or Conditions (reaffirmation of ANSI/ASTM E1666-1995A (R2005))

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 40.00

BSR/ASTM E1667-1995 (R201x), Classification for Serviceability of an Office Facility for Image to the Public and Occupants (reaffirmation of ANSI/ASTM E1667-1995A (R2005))

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 46.00

BSR/ASTM E1668-1995A (R201x), Classification for Serviceability of an Office Facility for Amenities to Attract and Retain Staff (reaffirmation of ANSI/ASTM E1668-1995A (R2005))

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 40.00

BSR/ASTM E1669-1995A (R201x), Classification for Serviceability of an Office Facility for Location, Access and Wayfinding (reaffirmation of ANSI/ASTM E1669-1995A (R2005))

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 46.00

BSR/ASTM E1670-1995A (R201x), Classification for Serviceability of an Office Facility for Management of Operations and Maintenance (reaffirmation of ANSI/ASTM E1670-1995A (R2005))

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 46.00

BSR/ASTM E1671-1995A (R201x), Classification for Serviceability of an Office Facility for Cleanliness (reaffirmation of ANSI/ASTM E1671-1995A (R2005))

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 40.00

BSR/ASTM E1679-1995 (R201x), Practice for Setting the Requirements for the Serviceability of a Building or Building-Related Facility (reaffirmation of ANSI/ASTM E1679-1995 (R2005))

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 40.00

BSR/ASTM E1692-1995A (R201x), Classification for Serviceability of an Office Facility for Change and Churn by Occupants (reaffirmation of ANSI/ASTM E1692-1995A (R2005))

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 46.00

BSR/ASTM E1693-1995 (R201x), Classification for Serviceability of an Office Facility for Protection of Occupant Assets (reaffirmation of ANSI/ASTM E1693-1995 (R2005))

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 46.00

BSR/ASTM E1694-1995A (R201x), Classification for Serviceability of an Office Facility for Special Facilities and Technologies (reaffirmation of ANSI/ASTM E1694-1995A (R2005))

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 40.00

BSR/ASTM E1700-1995 (R201x), Classification for Serviceability of an Office Facility for Structure and Building Envelope (reaffirmation of ANSI/ASTM E1700-1995 (R2005))

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 46.00

BSR/ASTM E1701-1995 (R201x), Classification for Serviceability of an Office Facility for Manageability (reaffirmation of ANSI/ASTM E1701-1995 (R2005))

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 46.00

BSR/ASTM E2320-2004 (R201x), Classification for Serviceability of an Office Facility for Thermal Environment and Indoor Air Conditions (reaffirmation of ANSI/ASTM E2320-2004)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 46.00

BSR/ASTM F1867-2005 (R201x), Practice for Installation of Folded/Formed Poly(Vinyl Chloride) (PVC) Pipe Type A for Existing Sewer and Conduit Rehabilitation (reaffirmation of ANSI/ASTM F1867-2005)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 40.00

BSR/ASTM F2158-2008 (R201x), Specification for Residential Central-Vacuum Tube and Fittings (reaffirmation of ANSI/ASTM F2158-2008)

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 40.00

### **Withdrawals**

ANSI/ASTM D372-2000 (R2005), Specification for Flexible Treated Sleeving Used for Electrical Insulation (withdrawal of ANSI/ASTM D372-2000 (R2005))

[http://www.astm.org/ANSI\\_SA](http://www.astm.org/ANSI_SA)

Single copy price: \$ 40.00

# Call for Members (ANS Consensus Bodies)

Directly and materially affected parties who are interested in participating as a member of an ANS consensus body for the standards listed below are requested to contact the sponsoring standards developer directly and in a timely manner.

## AAMI (Association for the Advancement of Medical Instrumentation)

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

**Contact:** *Cliff Bernier*

**Phone:** (703) 253-8263

**Fax:** (703) 276-0793

**E-mail:** [CBernier@aami.org](mailto:CBernier@aami.org)

BSR/AAMI/ISO 8637:2010/DAM1, Hemodialyzers, haemodiafilters, haemofilters and haemoconcentrators - Amendment 1: Revision to Figure 2 - Main fitting dimensions of dialysis fluid inlet and outlet ports (identical national adoption of ISO 8637:2010/DAM1)

## ASCE (American Society of Civil Engineers)

**Office:** 1801 Alexander Bell Drive  
Reston, VA 20191

**Contact:** *Leonard Kusek*

**Phone:** 703-295-6176

**Fax:** 703-295-6361

**E-mail:** [lkusek@asce.org](mailto:lkusek@asce.org)

BSR/ASCE xxx-201x, Athletic Field Lighting (new standard)

BSR/ASCE xxx-x-201x, Inspection and Maintenance of Dry Docking Facilities (new standard)

BSR/ASCE xxx-xx-201x, Operation of Dry Dock Facilities (new standard)

## ASQ (ASC Z1) (American Society for Quality)

**Office:** 600 N Plankinton Ave  
Milwaukee, WI 53201

**Contact:** *Jennifer Admussen*

**Phone:** (414) 272-8575

**Fax:** (414) 272-1734

**E-mail:** [jadmussen@asq.org](mailto:jadmussen@asq.org)

BSR ASQ/ISO 7870-1-201x, Control charts - Part 1: General guidelines (identical national adoption of ISO 7870-1:2007)

BSR ASQ/ISO 11462-1-201x, Guidelines for implementation of statistical process control (SPC) - Part 1: Elements of SPC (identical national adoption of ISO 11462-1:2001)

BSR ASQ/ISO 11462-2-201x, Guidelines for implementation of statistical process control (SPC) - Part 2: Catalogue of tools and techniques (identical national adoption of ISO 11462-2:2010)

BSR ASQ/ISO 11648-1-201x, Statistical aspects of sampling from bulk materials - Part 1: General principles (identical national adoption of ISO 11648-1:2003)

BSR ASQ/ISO 13448-1-201x, Acceptance sampling procedures based on the allocation of priorities principle (APP) - Part 1: Guidelines for the APP approach (identical national adoption of ISO 13448-1:2006)

BSR ASQ/ISO 14006-201x, Environmental management systems - Guidelines for incorporating ecodesign (identical national adoption of ISO 14006:2011)

BSR ASQ/ISO 14015-201x1, Environmental management - Environmental assessment of sites and organizations (EASO) (identical national adoption of ISO 14015:2001)

BSR ASQ/ISO 14025-201x, Environmental management - Environmental labels and declarations - Type 3 declaration - Principles and procedures (identical national adoption of ISO 14025:2006)

BSR ASQ/ISO 14044-201x, Environmental management - Life cycle assessment - Requirements and guidelines (identical national adoption of ISO 14044:2006)

BSR ASQ/ISO 14050-201x, Environmental management - Vocabulary (identical national adoption of ISO 14050:2009)

BSR ASQ/ISO 14051-201x, Environmental management - Material flow cost accounting - General framework (identical national adoption of ISO 14051:2011)

BSR ASQ/ISO 14063-201x, Environmental management - Environmental communication - Guidelines and examples (identical national adoption of ISO 14063:2006)

BSR ASQ/ISO 14066-201x, Environmental management - Green house gases - Competence requirements for greenhouse gas validation teams and verification teams (identical national adoption of ISO 14066:2011)

BSR ASQ/ISO 16269-4-201x, Statistical interpretation of data - Part 4: Detection and treatment of outliers (identical national adoption of ISO 16269-4)

BSR ASQ/ISO 18414-201x, Acceptance sampling procedures by attributes - Accept-zero sampling system based on credit principle for controlling outgoing quality (identical national adoption of ISO 18414:2006)

BSR ASQ/ISO 21747-201x, Statistical methods - Process performance and capability statistics for measured quality characteristics (identical national adoption of ISO 21747:2006)

BSR ASQ/IEC 60300 - 3-3 ed 2.0-201x, Dependability management - Part 3-3: Application guide - Life cycle costing (identical national adoption of IEC 60300-3-3 ed 2.0)

BSR ASQ/IEC 60300-3-10 ed 1.0-201x, Dependability management - Part 3-10: application guide - maintainability (identical national adoption of IEC 60300-3-10 ed 1.0)

BSR ASQ/IEC 61014 ed 2.0-201x, Dependability management - Programmes for reliability growth (identical national adoption of IEC 61014 ed 2.0)

BSR ASQ/IEC 61025 ed 2.0-201x, Dependability management - Fault tree analysis (FTA) (identical national adoption of IEC 61025 ed 2.0)

BSR ASQ/IEC 61078 ed 2.0-201x, Dependability management - Analysis techniques for dependability - Reliability block diagrams and boolean methods (identical national adoption of IEC 61078 ed 2.0)

BSR ASQ/IEC 61124 ed 2.0-201x, Dependability management -  
Reliability tests for constant failure rate and constant failure  
intensity (identical national adoption of IEC 61124 ed 2.0)

BSR ASQ/IEC 61164 ed 2.0-201x, Dependability management -  
Reliability growth - Statistical test and estimation methods (identical  
national adoption of IEC 61164 ed 2.0)

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

**Office:** 455 E Trimble Road  
San Jose, CA 95131-1230

**Contact:** *Linda Phinney*

**Phone:** (408) 754-6684

**Fax:** (408) 754-6684

**E-mail:** Linda.L.Phinney@ul.com

BSR/UL 343-201X, Standard for Safety for Pumps for Oil Burning  
Appliances (new standard)

BSR/UL 1577-201X, Standard for Safety for Optical Isolators (new  
standard)

BSR/UL 60730-2-14-201X, Standard for Automatic Electrical Controls  
for Household and Similar Use; Part 2: Particular Requirements for  
Electric Actuators (new standard)

BSR/UL 60730-2-8-2007 (R201x), Standard for Automatic Electrical  
Controls for Household and Similar Use; Part 2: Particular  
Requirements for Electrically Operated Water Valves, Including  
Mechanical Requirements (reaffirmation of ANSI/UL 60730-2-8-2007)

## Call for Members (ANS Consensus Bodies)

### ANSI Z223.1/NFPA 54-2012

#### Proposal Deadline: June 22, 2012

The ANSI ASC Z223 and the NFPA 54 Committees announce a Call for Proposals on the ANSI Z223.1/NFPA 54-2012, National Fuel Gas Code. Proposals must be received by June 22, 2012, for them to be considered for the 2015 edition of the code. Proposals may be submitted either on the joint AGA/NFPA proposal form or can be submitted electronically via the NFPA website. The two committees will jointly act on all proposals.

The National Fuel Gas Code provides criteria on most aspects of fuel-gas installation on consumer premises. Coverage includes gas piping materials; piping system sizing and design; installation and inspections; combustion air; appliance venting; and specific equipment installation criteria. The code is used by many local gas utilities and officials of Federal, State, and local governments to judge the acceptability of fuel-gas installations. Many of the code's provisions are extracted into the International Fuel Gas Code and the Uniform Plumbing and Mechanical Codes. Gas appliance installation instructions also refer to the code.

Interested persons can submit their proposals to either the American Gas Association or the National Fire Protection Association. Downloadable forms and on-line submittals are available on both organizations' websites: [www.aga.org](http://www.aga.org) or [www.nfpa.org](http://www.nfpa.org). Direct links to the submittal pages are:

<http://www.aga.org/membercenter/gotocommitteepages/Z223/Pages/2013NationalFuelGasCode.aspx> and

<http://www.nfpa.org/AboutTheCodes/AboutTheCodes.asp?docnum=54&tab=nextedition>.

For additional guidance and information contact Paul Cabot, Secretary, ASC Z223 & NFPA 54, American Gas Association, 400 N Capitol St, NW, Washington, DC 20001: PHONE: (202) 824-7312; FAX: (202) 824-9122; e-mail: [pcabot@aga.org](mailto:pcabot@aga.org)

## Call for Members (ANS Consensus Bodies)

### **NFRC (National Fenestration Rating Council)**

**Office:** 6305 Ivy Lane, Suite 140

Greenbelt, MD 20770

*Contact: Robin Merrifield*

**Phone:** (301) 589-1776

**Fax:** (301) 589-3884

**E-mail:** [rmerrifield@nfr.org](mailto:rmerrifield@nfr.org)

NFRC 100: Procedure for Determining Fenestration Product U-factors

NFRC 200: Procedure for Determining Fenestration Product Solar Heat Gain Coefficient and Visible Transmittance at Normal Incidence

NFRC 400: Procedure for Determining Fenestration Product Air Leakage

The NFRC Standards Committee is in particular need of representation from:

- Consumers and consumer advocacy organizations
- Utilities and other energy service providers
- Architects, specifiers and design professionals
- Builders and other construction contractors
- Similar parties with interests in fenestration issues
- Institutions of higher learning and research
- Federal, state or local government and energy or building code offices
- Non-profit organizations promoting energy efficiency or conservation
- Other standards developers involved in energy efficiency and performance
- Other interested party not included in the other categories.

Additional information and applications may be found at

<http://www.nfrc.org/standardsdev.aspx>.



# 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.

## AISI (American Iron and Steel Institute)

### Supplements

ANSI/AISI S905-2008/S1-2012, Supplement 1 to Test Methods for Mechanically Fastened Cold-Formed Steel Connections (supplement to ANSI/AISI S905-2008): 3/2/2012

## ASABE (American Society of Agricultural and Biological Engineers)

### New National Adoptions

ANSI/ASABE AD4254-11-2012, Agricultural machinery - Safety - Part 11: Pick-up balers (national adoption with modifications of ISO 4254-11:2010): 3/5/2012

### Reaffirmations

ANSI/ASABE S592-2007 (R2012), Best Management Practices for Boom Spraying (reaffirmation of ANSI/ASABE S592-2007): 3/1/2012

ANSI/ASAE/ISO 9190-2002 (R2012), Lawn and garden ride-on (riding) tractors - Drawbar (reaffirmation of ANSI/ASAE/ISO 9190-2002 (R2007)): 3/2/2012

ANSI/ASAE/ISO 9191-2002 (R2012), Lawn and garden ride-on (riding) tractors - Three-point hitch (reaffirmation of ANSI/ASAE/ISO 9191-2002 (R2007)): 3/2/2012

ANSI/ASAE/ISO 9192-2002 (R2012), Lawn and garden ride-on (riding) tractors - One-point tubular sleeve hitch (reaffirmation of ANSI/ASAE/ISO 9192-2002 (R2007)): 3/2/2012

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

### Addenda

ANSI/ASHRAE Addendum 62.2j-2012, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2010): 2/24/2012

ANSI/ASHRAE Addendum 62.2k-2012, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2010): 2/24/2012

ANSI/ASHRAE Addendum 62.2m-2012, Ventilation and Acceptable Indoor Air Quality in Low-Rise Residential Buildings (addenda to ANSI/ASHRAE Standard 62.2-2010): 2/24/2012

ANSI/ASHRAE/IES Standard 90.1bz-2012, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2010): 2/24/2012

### Revisions

ANSI/ASHRAE Standard 127-2012, Method of Testing for Rating Computer and Data Processing Room Unitary Air Conditioners (revision of ANSI/ASHRAE Standard 127-2007): 2/24/2012

## ASIS (ASIS International)

### New Standards

ANSI ASIS PSC.1-2012, Management System for Quality of Private Security Company Operations - Requirements with Guidance (new standard): 3/5/2012

## ASME (American Society of Mechanical Engineers)

### Reaffirmations

ANSI/ASME B1.3-2007 (R2012), Screw Thread Gaging Systems for Acceptability: Inch and Metric Screw Threads (UN, UNR, UNJ, M, and MJ) (reaffirmation of ANSI/ASME B1.3-2007): 3/5/2012

ANSI/ASME B29.2M-2007 (R2012), Inverted Tooth (Silent) Chains and Sprockets (reaffirmation of ANSI/ASME B29.2M-2007): 3/5/2012

ANSI/ASME B89.7.3.3-2002 (R2012), Guidelines for Assessing the Reliability of Dimensional Measurement Uncertainty Statements (reaffirmation of ANSI/ASME B89.7.3.3-2002 (R2007)): 3/5/2012

### Revisions

ANSI/ASME A112.1.2-2012, Air Gaps in Plumbing Systems (for Plumbing Fixtures and Water-Connected Receptors) (revision of ANSI/ASME A112.1.2-2004): 3/5/2012

ANSI/ASME A112.19.15-2012, Bathtubs/Whirlpool Bathtubs with Pressure Sealed Doors (revision of ANSI/ASME A112.19.15-2005 (R2010)): 3/5/2012

### Withdrawals

ANSI/ASME B18.2.7.1M-2002, Metric 12-Spline Flange Screws (withdrawal of ANSI/ASME B18.2.7.1M-2002 (R2007)): 3/2/2012

## B11 (B11 Standards, Inc.)

### New National Adoptions

ANSI/ISO 12100-2012, Safety of machinery - General principles for design - Risk assessment and risk reduction (identical national adoption of ISO 12100:2010): 3/5/2012

## HL7 (Health Level Seven)

### New Standards

ANSI/HL7 V3 CPPV3MODELS, R1-2012, HL7 Version 3 Standard: Core Principles and Properties of Version 3 Models, Release 1 (new standard): 3/1/2012

## ITSDF (Industrial Truck Standards Development Foundation, Inc.)

### Revisions

ANSI/ITSDF B56.5-2012, Safety Standard for Guided Industrial Vehicles and Automated Functions of Manned Industrial Vehicles (revision of ANSI/ITSDF B56.5-2005): 3/1/2012

## NEMA (ASC C8) (National Electrical Manufacturers Association)

### Revisions

ANSI ICEA S-101-699-2011, Category 3 Individually Unshielded Twisted Pair Indoor Cable for Use in General Purpose Non-LAN Telecommunications Wiring Systems Technical Requirements (revision of ANSI/ICEA S-101-699-2002): 3/1/2012

## **NPES (ASC CGATS) (Association for Suppliers of Printing, Publishing and Converting Technologies)**

### **New National Adoptions**

ANSI CGATS/ISO 12640-4-2012, Graphic technology - Prepress digital data exchange - Part 4: Wide gamut display-referred standard colour image data [Adobe RGB(1998)/SCID]. (identical national adoption of ISO 12640-4): 3/5/2012

### **Reaffirmations**

ANSI CGATS.9-2007 (R2012), Graphic technology - Graphic arts transmission densitometry measurements - Terminology, equations, image elements and procedures (reaffirmation of ANSI CGATS.9 -2007): 3/1/2012

## **NPPC (National Pork Producers Council)**

### **Reaffirmations**

ANSI/GELPP 0001-2002 (R2012), Good Environmental Livestock Production Practices - Concentrated Livestock Operations - General Site Conditions (reaffirmation of ANSI GELPP0001-2002): 2/19/2012

ANSI/GELPP 0002-2002 (R2012), Good Environmental Livestock Production Practices - Concentrated Livestock Operations - Production Areas (reaffirmation of ANSI GELPP0002-2002): 2/19/2012

ANSI/GELPP 0003-2002 (R2012), Good Environmental Livestock Production Practices - Concentrated Livestock Operations - Outdoor Manure and Storm Water Storage (reaffirmation of ANSI GELPP0003-2002): 2/19/2012

ANSI/GELPP 0004-2002 (R2012), Good Environmental Livestock Production Practices - Concentrated Livestock Operations - Manure Utilization (reaffirmation of ANSI GELPP0004-2002): 2/19/2012

ANSI/GELPP 0005-2002 (R2012), Good Environmental Livestock Production Practices - Concentrated Livestock Operations - Mortality Management (reaffirmation of ANSI GELPP0005-2002): 2/19/2012

## **NSF (NSF International)**

### **New Standards**

- \* ANSI/NSF 347-2012 (i1r3), Sustainability Assessment for Single Ply Roofing Membranes (new standard): 2/14/2012
- \* ANSI/NSF/GCI 355-2011, Greener Chemicals and Processes Information Standard (new standard): 8/15/2011

### **Revisions**

- \* ANSI/BIFMA e3-201x (i7), Furniture Sustainability Standard (revision of ANSI/BIFMA e3-2011):
- \* ANSI/BIFMA e3-2012 (i8), Furniture Sustainability Standard (revision of ANSI/BIFMA e3-2011): 2/5/2012
- \* ANSI/NSF 42-2012 (i71), Drinking Water Treatment Units - Aesthetic Effects (revision of ANSI/NSF 42-2010): 2/22/2012
- \* ANSI/NSF 44-2012 (i33), Residential Cation Exchange Water Softeners (revision of ANSI/NSF 44-2009): 2/22/2012
- ANSI/NSF 50-2012 (i72), Equipment for swimming pools, spas, hot tubs, and other recreational water facilities (revision of ANSI/NSF 50 -2011): 2/15/2012
- ANSI/NSF 50-2012 (i81), Equipment for swimming pools, spas, hot tubs, and other recreational water facilities (revision of ANSI/NSF 50 -2011): 2/27/2012

ANSI/NSF 50-2012 (i82), Equipment for swimming pools, spas, hot tubs, and other recreational water facilities (revision of ANSI/NSF 50 -2011): 2/24/2012

- \* ANSI/NSF 53-2012 (i83), Drinking water treatment units - Health effects (revision of ANSI/NSF 53-2010): 2/22/2012
- ANSI/NSF 55-2012 (i33), Ultraviolet microbiological water treatment systems (revision of ANSI/NSF 55-2009): 2/22/2012
- \* ANSI/NSF 58-2012 (i58), Reverse osmosis drinking water treatment systems (revision of ANSI/NSF 58-2009): 2/22/2012
- \* ANSI/NSF 60-2012 (i50), Drinking Water Treatment Chemicals: Health Effects (revision of ANSI/NSF 60-2009): 2/27/2012
- ANSI/NSF 62-2012 (i22), Drinking water distillation systems (revision of ANSI/NSF 62-2009): 2/22/2012

## **SAIA (ASC A92) (Scaffold & Access Industry Association)**

### **Reaffirmations**

- \* ANSI SIA A92.8-2006 (R2011), Vehicle-Mounted Bridge Inspection and Maintenance Devices (reaffirmation of ANSI SIA A92.8-2006): 3/5/2012

## **TCIA (ASC A300) (Tree Care Industry Association)**

### **Revisions**

- \* ANSI A300 (Part 6)-2012, Tree Care Operations - Tree, Shrub and Other Woody Plant Management - Standard Practices (Planting and Transplanting) (revision of ANSI A300 (Part 6)-2005): 3/2/2012

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

### **New Standards**

- ANSI/UL 1691-2012, Standard for Safety for Single Pole Locking-Type Separable Connectors (new standard): 2/29/2012
- ANSI/UL 1691-2012a, Standard for Safety for Single Pole Locking-Type Separable Connectors (new standard): 2/29/2012

### **Revisions**

- \* ANSI/UL 1917-2012, Standard for Solid-State Fan Speed Controls (revision of ANSI/UL 1917-2011): 2/23/2012

## **VITA (VMEbus International Trade Association (VITA))**

### **New Standards**

- ANSI/VITA 46.7-2012, Ethernet on VPX Fabric Connector (new standard): 3/1/2012

# 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](http://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.

## ASCE (American Society of Civil Engineers)

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### BSR/ASCE xxx-201x, Athletic Field Lighting (new standard)

Stakeholders: Facility owners, design professionals, as well as lighting system supplier/vendors

Project Need: Due to a higher recognition of catastrophic structural failures, many owners and purchasers of such lighting systems are now beginning to seek out applicable technical knowledge regarding proper specification, design, installation, and on-going maintenance of athletic field, or other area lighting support structures.

The objective of this proposal is to establish an ASCE standards activity for the development of a national consensus standard for the proper specification, design, installation, and on-going maintenance of athletic field, or other similar large area lighting system support structures.

### BSR/ASCE xxx-x-201x, Inspection and Maintenance of Dry Docking Facilities (new standard)

Stakeholders: Dry dock owners and operators as well as insurance companies and vessel owners

Project Need: There have been many recent and historic occurrences of dry dock failures resulting in the loss of life and property which were caused by inadequate inspection and maintenance as well as improper operation of dry dock facilities.

Address the requirements for initial evaluation of a drydocking facility and determination of the rated capacity (the maximum lifting capacity and maximum line load capacity) as well as requirements for a maintenance program and periodic re-inspections.

### BSR/ASCE xxx-xx-201x, Operation of Dry Dock Facilities (new standard)

Stakeholders: Dry dock owners and operators as well as insurance companies and vessel owners

Project Need: There have been many recent and historic occurrences of dry dock failures resulting in the loss of life and property which were caused by inadequate inspection and maintenance as well as improper operation of dry dock facilities.

Define the minimum requirements for operating the dry dock to ensure the safety of the dry dock and vessel.

## ASIS (ASIS International)

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### BSR ASIS PSC.3-201X, Maturity Model for the Phased Implementation of a Quality Assurance Management System for Private Security Service Providers (new standard)

Stakeholders: Private Security Companies; Military and Government Agencies and Organizations; Aid Agencies and Organizations; Not for Profit Organizations and Foundations; The Global Business Community; United Nations Organizations; Human Rights Groups; Educational Institutions; Professional Security Practitioners and Consultants.

Project Need: The use of armed private security providers in contingency operations will continue in current and future operations. The U.S. Assistant Deputy Under Secretary of Defense and the International Community have identified the need for industry standards for private security providers to drive greater accountability. This standard enables organizations to implement the core elements of the ANSI/ASIS PSC.1-201X Standard.

This standard will benefit private security service providers (PSC) in improving their quality of services consistent with respect for human rights and legal and contractual obligations. It provides a basis for managing risk while reducing costs, demonstrating legal compliance, enhancing stakeholder relations, and meeting client expectations. The model outlines 6 phases ranging from no process in place for quality assurance management, to going beyond the requirements of the Standard. Criteria based on core elements of ANSI/ASIS PSC.1-201X Standard can be used to demonstrate continual improvement and are compatible with rewards and recognition programs.

**ASME (American Society of Mechanical Engineers)**

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BSR/ASME A112.18.6/CSA B125.6-201x, Flexible Water Connectors - Update No 1. (revision of ANSI/ASME A112.18.6/CSA B125.6-2009)

Stakeholders: plumbing manufacturers, inspectors, and certifiers

Project Need: The committee wishes to update requirements regarding fill valve threads. Standard currently references a document that no longer contains fill valve thread requirements. Committee also plans to make requirements consistent with other standards such as CSA B125.3.

This Standard covers flexible water connectors for use in water supply systems under:

- (a) continuous pressure in accessible locations; and
- (b) intermittent pressure in recreational vehicles only.

**ASQ (ASC Z1) (American Society for Quality)**

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BSR ASQ/ISO 13448-1-201x, Acceptance sampling procedures based on the allocation of priorities principle (APP) - Part 1: Guidelines for the APP approach (identical national adoption of ISO 13448-1:2006)

Stakeholders: Company, Government, Individual, Organization

Project Need: Adopt as an ANS

This part of ISO 13448 provides guidelines specifying the organizational principles of acceptance sampling in situations where the contract or the legislation provides for successive inspection to be carried out by different parties: the supplier, the customer and/or a third party.

BSR ASQ/ISO 14006-201x, Environmental management systems - Guidelines for incorporating ecodesign (identical national adoption of ISO 14006:2011)

Stakeholders: Company, Government, Individual, Organization

Project Need: Adopt ISO 14006: 2011 as an ANS

This International Standard provides guidelines to assist organizations in establishing, documenting, implementing, maintaining and continually improving their management of ecodesign as part of an environmental management system (EMS). This International Standard is intended to be used by those organizations that have implemented an EMS in accordance with ISO 14001, but can help in integrating ecodesign in other management systems. The guidelines are applicable to any organization regardless of its size or activity.

BSR ASQ/ISO 14015-201x1, Environmental management - Environmental assessment of sites and organizations (EASO) (identical national adoption of ISO 14015:2001)

Stakeholders: Company, Government, Individual, Organization

Project Need: Adopt as an ANS

This International Standard provides guidance on how to conduct an EASO through a systematic process of identifying environmental aspects and environmental issues and determining, if appropriate, their business consequences. This International Standard covers the roles and responsibilities of the parties to the assessment (the client, the assessor and the representative of the assessee), and the stages of the assessment process (planning, information gathering and validation, evaluation and reporting).

BSR ASQ/ISO 14025-201x, Environmental management - Environmental labels and declarations - Type 3 declaration - Principles and procedures (identical national adoption of ISO 14025:2006)

Stakeholders: Company, Government, Individual, Organization

Project Need: Adopt as an ANS

This International Standard establishes the principles and specifies the procedures for developing Type III environmental declaration programmes and Type III environmental declarations. It specifically establishes the use of the ISO 14040 series of standards in the development of Type III environmental declaration programmes and Type III environmental declarations.

BSR ASQ/ISO 14044-201x, Environmental management - Life cycle assessment - Requirements and guidelines (identical national adoption of ISO 14044:2006)

Stakeholders: Company, Government, Individual, Organization

Project Need: Adopt ISO 14044 as an ANS

This International Standard specifies requirements and provides guidelines for life cycle assessment (LCA) including:

- (a) the goal and scope definition of the LCA;
- (b) the life cycle inventory analysis (LCI) phase;
- (c) the life cycle impact assessment (LCIA) phase;
- (d) the life cycle interpretation phase;
- (e) reporting and critical review of the LCA; and
- (f) limitations of the LCA.

BSR ASQ/ISO 14050-201x, Environmental management - Vocabulary (identical national adoption of ISO 14050:2009)

Stakeholders: Company, Government, Individual, Organization

Project Need: Adopt ISO 14050: 2009 as an ANS

This International Standard defines terms of fundamental concepts related to environmental management, published in the ISO 14000 series of International Standards.

BSR ASQ/ISO 14051-201x, Environmental management - Material flow cost accounting - General framework (identical national adoption of ISO 14051:2011)

Stakeholders: Company, Government, Individual, Organization

Project Need: Adopt ISO 14051: 2011 as an ANS

This International Standard provides a general framework for material flow cost accounting (MFCA). Under MFCA, the flows and stocks of materials within an organization are traced and quantified in physical units (e.g. mass, volume) and the costs associated with those material flows are also evaluated. The resulting information can act as a motivator for organizations and managers to seek opportunities to simultaneously generate financial benefits and reduce adverse environmental impacts. MFCA is applicable to any organization that uses materials and energy, regardless of their products, services, size, structure, location, and existing management and accounting systems.

BSR ASQ/ISO 14063-201x, Environmental management - Environmental communication - Guidelines and examples (identical national adoption of ISO 14063:2006)

Stakeholders: Company, Government, Individual, Organization

Project Need: Adopt as an ANS

This International Standard gives guidance to an organization on general principles, policy, strategy and activities relating to both internal and external environmental communication. It utilizes proven and well-established approaches for communication, adapted to the specific conditions that exist in environmental communication. It is applicable to all organizations regardless of their size, type, location, structure, activities, products and services, and whether or not they have an environmental management system in place.

BSR ASQ/ISO 14066-201x, Environmental management - Greenhouse gases - Competence requirements for greenhouse gas validation teams and verification teams (identical national adoption of ISO 14066:2011)

Stakeholders: Company, Government, Individual, Organization

Project Need: Adopt as an ANS

This International Standard specifies competence requirements for validation teams and verification teams. This International Standard complements the implementation of ISO 14065. This International Standard is not linked to any particular greenhouse gas (GHG) programme. If a particular GHG programme is applicable, competence requirements of that GHG programme are additional to the requirements of this International Standard.

BSR ASQ/ISO 18414-201x, Acceptance sampling procedures by attributes - Accept-zero sampling system based on credit principle for controlling outgoing quality (identical national adoption of ISO 18414:2006)

Stakeholders: Company, Government, Individual, Organization

Project Need: Adopt as an ANS

This International Standard specifies a system of single sampling schemes for lot-by-lot inspection by attributes. All the sampling plans of the present system are of accept-zero form, i.e., no lot is accepted if the sample from it contains one or more nonconforming items. The schemes depend on a suitably defined average outgoing quality limit (AOQL), the value of which is chosen by the user; no restrictions are placed on the choice of the value of the AOQL or on the sizes of successive lots in the series. The methodology ensures that the overall average quality reaching the customer or market-place will not exceed the AOQL in the long run.

BSR ASQ/ISO 21747-201x, Statistical methods - Process performance and capability statistics for measured quality characteristics (identical national adoption of ISO 21747:2006)

Stakeholders: Company, Government, Individual, Organization

Project Need: Adopt as an ANS

This International Standard describes a procedure for the determination of statistics in order to estimate the quality capability of product and process characteristics. The process results of these quality characteristics are tabularized into eight possible distribution types. Calculation formulae for the statistical values are placed with every distribution.

BSR ASQ/IEC 60300-3-3 ed 2.0-201x, Dependability management - Part 3-3: Application guide - Life cycle costing (identical national adoption of IEC 60300-3-3 ed 2.0)

Stakeholders: Company, Government, Individual, Organization

Project Need: Adopt as an ANS

This part of IEC 60300 provides a general introduction to the concept of life cycle costing and covers all applications. Although the life cycle costs consist of many contributing elements, this standard particularly highlights the costs associated with dependability of the product. This standard is intended for general application by both customers (users) and suppliers of products. It explains the purpose and value of life cycle costing and outlines the general approaches involved. It also identifies typical life cycle cost elements to facilitate project and programme planning.

BSR ASQ/IEC 60300-3-10 ed 1.0-201x, Dependability management - Part 3-10: application guide - maintainability (identical national adoption of IEC 60300-3-10 ed 1.0)

Stakeholders: Company, Government, Individual, Organization

Project Need: Adopt as an ANS

This International Standard, which forms part of the series of standards in the IEC 60300-3 series, is the application guide for maintainability. It can be used to implement a maintainability programme covering the initiation, development and in-service phases of a product, which form part of the tasks described in IEC 60300-2.

BSR ASQ/IEC 61014 ed 2.0-201x, Dependability management - Programmes for reliability growth (identical national adoption of IEC 61014 ed 2.0)

Stakeholders: Company, Government, Individual, Organization

Project Need: Adopt as an ANS

This International Standard specifies requirements and gives guidelines for the exposure and removal of weaknesses in hardware and software items for the purpose of reliability growth.

BSR ASQ/IEC 61025 ed 2.0-201x, Dependability management - Fault tree analysis (FTA) (identical national adoption of IEC 61025 ed 2.0)

Stakeholders: Company, Government, Individual, Organization

Project Need: Adopt as an ANS

This International Standard describes fault tree analysis and provides guidance on its application as follows:

- definition of basic principles;
- describing and explaining the associated mathematical modelling;
- explaining the relationships of FTA to other reliability modelling techniques;
- description of the steps involved in performing the FTA;
- identification of appropriate assumptions, events and failure modes; and
- identification and description of commonly used symbols.

BSR ASQ/IEC 61078 ed 2.0-201x, Dependability management - Analysis techniques for dependability - Reliability block diagrams and boolean methods (identical national adoption of IEC 61078 ed 2.0)

Stakeholders: Company, Government, Individual, Organization

Project Need: Adopt as an ANS

This International Standard describes procedures for modelling the dependability of a system and for using the model in order to calculate reliability and availability measures. The RBD modelling technique is intended to be applied primarily to systems without repair and where the order in which failures occur does not matter. For systems where the order of failures is to be taken into account or where repairs are to be carried out, other modelling techniques, such as Markov analysis, are more suitable.

BSR ASQ/IEC 61124 ed 2.0-201x, Dependability management - Reliability tests for constant failure rate and constant failure intensity (identical national adoption of IEC 61124 ed 2.0)

Stakeholders: Company, Government, Individual, Organization

Project Need: Adopt as an ANS

This International Standard gives a number of optimized test plans, the corresponding operating characteristic curves and expected test times. In addition the algorithms for designing test plans using a spreadsheet program are also given, together with guidance on how to choose test plans. This standard specifies procedures to test whether an observed value of:

- failure rate;
- failure intensity;
- mean time to failure (MTTF); and
- mean operating time between failures (MTBF), conforms to a given requirement.

BSR ASQ/IEC 61164 ed 2.0-201x, Dependability management - Reliability growth - Statistical test and estimation methods (identical national adoption of IEC 61164 ed 2.0)

Stakeholders: Company, Government, Individual, Organization

Project Need: Adopt as an ANS

This International Standard gives models and numerical methods for reliability growth assessments based on failure data, which were generated in a reliability improvement programme. These procedures deal with growth, estimation, confidence intervals for product reliability and goodness-of-fit tests.

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BSR ASQ/ISO 2859-2-201x, Sampling procedures for inspection by attributes - Part 2: Sampling plans indexed by limiting quality (LQ) for isolated lot inspection (identical national adoption of ISO 2859-2:1985)

Stakeholders: Companies, individuals, government, organizations  
Project Need: Adopt ISO 2859-2 as an ANS

This part of ISO 2859 establishes LQ sampling plans and procedures for inspection by attribute compatible with ISO 2859-1 that can be used when the switching rules given in ISO 2859-1 are not applied, for example, when lots are of an isolated nature.

BSR ASQ/ISO 2859-3-201x, Sampling procedures for inspection by attributes - Part 3: Skip-lot sampling procedures (identical national adoption of ISO 2859-3:2005)

Stakeholders: Companies, individuals, government, organizations  
Project Need: Adopt an ANS

This part of ISO 2859 specifies generic skip-lot sampling procedures for acceptance inspection by attributes. The purpose of these procedures is to provide a way of reducing the inspection effort on products of high quality submitted by a supplier who has a satisfactory quality assurance system and effective quality controls. The reduction in inspection effort is achieved by determining at random, with a specified probability, whether a lot presented for inspection will be accepted without inspection. This procedure extends the principle of the random selection of sample items already applied in ISO 2859-1 to the random selection of lots.

BSR ASQ/ISO 2859-5-201x, Sampling procedures for inspection by attributes - Part 5: System of sequential sampling plans indexed by acceptance quality limit (AQL) for lot-by-lot inspection (identical national adoption of ISO 2859-5:2005)

Stakeholders: Companies, organizations, individuals, government  
Project Need: Adopt ANS

This part of ISO 2859 specifies sequential sampling schemes that supplement the ISO 2859-1 acceptance sampling system for inspection by attributes. The ISO 2859-1 acceptance sampling system is indexed in terms of the acceptance quality limit (AQL). Its purpose is to induce a supplier, through the economic and psychological pressure of lot non-acceptance, to maintain a process average at least as good as the specified acceptance quality limit, while at the same time providing an upper limit for the risk to the consumer of accepting the occasional poor lot.

BSR ASQ/ISO 2859-10-201x, Sampling procedures for inspection by attributes - Part 10: Introduction to the ISO 2859 series of standards for sampling for inspection by attributes (identical national adoption of ISO 2859-10:2006)

Stakeholders: Companies, individuals, government, organizations  
Project Need: Adopt an ANS

This part of ISO 2859 provides a general introduction to acceptance sampling by attributes and provides a brief summary of the attribute sampling schemes and plans used in ISO 2859-1, ISO 2859-2, ISO 2859-3, ISO 2859-4 and ISO 2859-5, which describe specific types of attribute sampling systems. It also provides guidance on the selection of the appropriate inspection system for use in a particular situation.

BSR ASQ/ISO 3951-1-201x, Sampling procedures for inspection by variables - Part 1: Specification for single sampling plans (identical national adoption of ISO 3951-1:2005)

Stakeholders: Companies, individuals, government, organizations  
Project Need: Adopt an ANS

This part of ISO 3951 specifies an acceptance sampling system of single sampling plans for inspection by variables, in which the acceptability of a lot is implicitly determined from an estimate of the percentage of nonconforming items in the process, based on a random sample of items from the lot.

BSR ASQ/ISO 3951-2-201x, Sampling procedures for inspection by variables - Part 2: General specification for single sampling plans indexed by acceptance quality limit (AQL) for lot-by-lot inspection of independent quality characteristics (identical national adoption of ISO 3951-2:2006)

Stakeholders: Companies, organizations, individuals, government  
Project Need: Adopt an ANS

This part of ISO 3951 specifies an acceptance sampling system of single sampling plans for inspection by variables, indexed in terms of the Acceptance Quality Limit (AQL).

BSR ASQ/ISO 3951-3-201x, Sampling procedures for inspection by variables - Part 3: Double sampling schemes indexed by acceptance quality limit (AQL) for lot-by-lot inspection (identical national adoption of ISO 3951-3:2007)

Stakeholders: Companies, organizations, government, individuals  
Project Need: Adopt an ANS

This part of ISO 3951 specifies an acceptance sampling system of double sampling schemes for inspection by variables for percent nonconforming. It is indexed in terms of the acceptance quality limit (AQL). The objectives of the methods laid down in this part of ISO 3951 are to ensure that lots of acceptable quality have a high probability of acceptance and that the probability of non-accepting inferior lots is as high as practicable.

BSR ASQ/ISO 3951-4-201x, Sampling procedures for inspection by variables - Part 4: Procedures for assessment of declared quality levels (identical national adoption of ISO 3951-4:2011)

Stakeholders: Companies, organizations, individuals, government  
Project Need: Adopt an ANS

This part of ISO 3951 establishes sampling plans and procedures by variables that can be used to assess whether the quality level of an entity (lot, process, etc.) conforms to a declared value. The sampling plans have been devised so that their operating characteristic curves match those of the corresponding attributes plans in ISO 2859-4 as closely as possible, so that the choice between using sampling by attributes and sampling by variables is not influenced by attempts to increase the chance of accepting an incorrectly declared quality level.

BSR ASQ/ISO 3951-5-201x, Sampling procedures for inspection by variables - Part 5: Sequential sampling plans indexed by acceptance quality limit (AQL) for inspection by variables (known standard deviation) (identical national adoption of ISO 3951-5:2006)

Stakeholders: Companies, organizations, individuals, government  
Project Need: Adopt an ANS

This part of ISO 3951 specifies a system of sequential sampling plans (schemes) for lot-by-lot inspection by variables. The schemes are indexed in terms of a preferred series of acceptance quality limit (AQL) values, ranging from 0,01 to 10, which are defined in terms of percent nonconforming items.

BSR ASQ/ISO 5479-201x, Statistical interpretation of data - Tests for departure from the normal distribution (identical national adoption of ISO 5479:1997)

Stakeholders: Companies, government, individuals, organizations

Project Need: Adopt ISO 5479 as an ANS

This international standards gives guidance on methods and tests for use in deciding whether or not the hypothesis of a normal distribution should be rejected, assuming that the observations are independent.

BSR ASQ/ISO 7870-1-201x, Control charts - Part 1: General guidelines (identical national adoption of ISO 7870-1:2007)

Stakeholders: Companies, organizations, individuals, government

Project Need: Adopt ANS

This part of ISO 7870 presents key elements and philosophy of the control chart approach, and identifies a wide variety of control charts (including those related to the Shewhart control chart and those stressing process acceptance or on-line process adjustment).

BSR ASQ/ISO 7870-4-201x, Control charts - Part 4: Cumulative sum charts (identical national adoption of ISO 7870-4:2011)

Stakeholders: Companies, organizations, government, individuals

Project Need: Adopt ANS

This part of ISO 7870 provides statistical procedures for setting up cumulative sum (cusum) schemes for process and quality control using variables (measured) and attribute data. It describes general-purpose methods of decision-making using cumulative sum (cusum) techniques for monitoring, control and retrospective analysis.

BSR ASQ/ISO 8422-201x, Sequential sampling plans for inspection by attributes (identical national adoption of ISO 8422:2006)

Stakeholders: Companies, organizations, individuals, government

Project Need: Adopt ANS

The purpose of this International Standard is to provide procedures for sequential assessment of inspection results that may be used to induce the supplier, through the economic and psychological pressure of nonacceptance of lots of inferior quality, to supply lots of a quality having a high probability of acceptance. At the same time, the consumer is protected by a prescribed upper limit to the probability of accepting lots of poor quality.

BSR ASQ/ISO 8423-201x, Sequential sampling plans for inspection by variables for percent nonconforming (known standard deviation) (identical national adoption of ISO 8423:2008)

Stakeholders: Companies, organizations, individuals, government

Project Need: Adopt ANS

The purpose of this International Standard is to provide procedures for the sequential assessment of inspection results that may be used to induce the supplier to supply lots of a quality having a high probability of acceptance. At the same time, the consumer is protected by a prescribed upper limit to the probability of accepting a lot (or process) of poor quality.

BSR ASQ/ISO 11462-1-201x, Guidelines for implementation of statistical process control (SPC) - Part 1: Elements of SPC (identical national adoption of ISO 11462-1:2001)

Stakeholders: Companies, organizations, individuals, government

Project Need: Adopt ANS

Statistical process control (SPC) concerns the use of statistical techniques and/or statistical or stochastic control algorithms to achieve one or more of the following objectives:

- (a) to increase knowledge about a process;
- (b) to steer a process to behave in the desired way; and
- (c) to reduce variation of final-product parameters, or in other ways improve performance of a process.

BSR ASQ/ISO 11462-2-201x, Guidelines for implementation of statistical process control (SPC) - Part 2: Catalogue of tools and techniques (identical national adoption of ISO 11462-2:2010)

Stakeholders: Companies, organizations, individuals, government

Project Need: Adopt ANS

This part of ISO 11462 provides a catalogue of tools and techniques to help an organization in planning, implementation and evaluation of an effective statistical process control (SPC) system. This catalogue gives tools and techniques that are essential for the successful realization of the SPC elements specified in ISO 11462-1.

BSR ASQ/ISO 11648-1-201x, Statistical aspects of sampling from bulk materials - Part 1: General principles (identical national adoption of ISO 11648-1:2003)

Stakeholders: Companies, government, individuals, organizations

Project Need: Adopt ISO 11648-1 as an ANS

This part of ISO 11648 establishes the general principles for the application and statistical treatment of the sampling of bulk materials. It also provides general guidance and examples for estimating necessary variances and checking precision and bias when the average value of a quality characteristic is investigated. Furthermore, this part of ISO 11648 gives information relating to the statistical analyses of serial data, by the use of variograms and correlograms.

BSR ASQ/ISO 13053-1-201x, Quantitative methods in process improvement - Six Sigma - Part 1: DMAIC methodology (identical national adoption of ISO 13053-1:2011)

Stakeholders: Companies, organizations, individuals, government

Project Need: Adopt ANS

This part of ISO 13053 describes a methodology for the business improvement methodology known as Six Sigma. The methodology typically comprises five phases: define, measure, analyse, improve and control (DMAIC).

BSR ASQ/ISO 13053-2-201x, Quantitative methods in process improvement - Six Sigma - Part 1: Tools and techniques (identical national adoption of ISO 13053-2:2011)

Stakeholders: Companies, organizations, government, individuals

Project Need: Adopt ANS

This part of ISO 13053 describes the tools and techniques, illustrated by factsheets, to be used at each phase of the DMAIC approach.

BSR ASQ/ISO 16269-4-201x, Statistical interpretation of data - Part 4: Detection and treatment of outliers (identical national adoption of ISO 16269-4)

Stakeholders: Company, government, individual, organization

Project Need: Adopt ISO 16269-4 as an ANS

This part of ISO 16269 provides detailed descriptions of sound statistical testing procedures and graphical data analysis methods for detecting outliers in data obtained from measurement processes. It recommends sound robust estimation and testing procedures to accommodate the presence of outliers.

**ASTM (ASTM International)**

**Office:** 100 Barr Harbor Drive  
West Conshohocken, PA 19428-2959

**Contact:** Jeff Richardson

**Fax:** (610) 834-7067

**E-mail:** jrichard@astm.org

BSR/ASTM WK36573-201x, New Practice for the Standard Practice for the Installation of a Single-Sized Cured-In-Place Liner for Manholes Having Various Sizes (new standard)

Stakeholders: Plastic Piping Systems Industry

Project Need: This practice describes the procedures for the installation of a single-sized cured-in-place liner for Manholes of various sizes. Once the resin saturated liner is installed and cured, the liner will rehabilitate the existing Manhole.

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK36573.htm>

BSR/ASTM WK36574-201x, New Practice for the Installation of a PVC Pipe Sewer Service Clean Out Through a Non-Invasive Small Bore Vacuum Excavation (new standard)

Stakeholders: Plastic Piping Systems Industry

Project Need: This practice describes the procedures for the installation of a PVC (Poly-Vinyl Chloride) pipe sewer service clean out through a non-invasive small bore vacuum excavation.

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK36574.htm>

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

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

**Contact:** Kerriane Conn

**Fax:** (202) 347-7125

**E-mail:** kconn@atis.org

BSR ATIS 0600003-201x, Battery Enclosure and Rooms/Areas (revision of ANSI ATIS 0600003-2007)

Stakeholders: Communications Industry

Project Need: To develop industry-wide requirements including methods and procedures for the control of battery room and enclosure environments.

The purpose of this standard is to develop industry-wide requirements including methods and procedures for the control of battery room and enclosure environments. This includes adequate ventilation of battery-generated gases, the dissipation of battery-generated head, the control of room and enclosure temperature, the management of battery electrolyte spills, and in general the control of any contaminants within the battery room or enclosure.

BSR ATIS 0600009-201x, RoHS-Compliant Plating Standard for Structural Metals, Bus Bars, and Fasteners (revision of ANSI ATIS 0600009-2007)

Stakeholders: Communications Industry

Project Need: This standard proposes text for specifying finishes, testing criteria and workmanship classifications.

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

BSR ATIS 0600015.03-201x, Energy Efficiency for Telecommunications Equipment: Methodology for Measurement and Reporting for Router and Ethernet Switch Products (revision of ANSI ATIS 0600015.03-2009)

Stakeholders: Communication Industry

Project Need: To specify the definition of router and Ethernet switch products based on their position in a network, as well as a methodology to calculate the Telecommunications Energy Efficiency Ratio (TEER).

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

BSR ATIS 0600015.08-201x, Optical Access Network Equipment Energy Efficiency Standard (new standard)

Stakeholders: Communication Industry

Project Need: There is an industry need for a standardized measurement methodology and TEER metric for Optical Access technologies such as Passive Optical Networks, Active Ethernet or Point to Point Ethernet.

There is an industry need for a standardized measurement methodology and TEER metric for Optical Access technologies such as Passive Optical Networks, Active Ethernet or Point to Point Ethernet.

BSR ATIS 0600015-201x, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting - General Requirements (revision of ANSI ATIS 0600015-2009)

Stakeholders: Communication Industry

Project Need: To provides the methodology to be used by vendors and third party test laboratories in the formation of Telecommunications Energy Efficiency Ratio (TEER).

This document provides the methodology to be used by vendors and third party test laboratories in the formation of Telecommunications Energy Efficiency Ratio (TEER). This document is the base standard for determining telecommunications energy efficiency.

BSR ATIS 0600315-201x, Voltage Levels for DC-Powered Equipment Used in the Telecommunications Environment (revision of ANSI ATIS 0600315-2007)

Stakeholders: Communication Industry

Project Need: To establish requirements and test procedures for voltage ranges and characteristics associated with the input voltage of telecommunications equipment powered from dc power systems in the telecommunications environment.

This standard establishes requirements and test procedures for voltage ranges and characteristics associated with the input voltage of telecommunications equipment powered from dc power systems in the telecommunications environment. It includes +12, + and -24, -48, + and -130, and 140 VDC.



BSR ATIS 0600328-201x, Protection of Telecommunications Links from Physical Stress and Radiation Effects and Associated Requirements for DC Power Systems (A Baseline Standard) (revision of ANSI ATIS 0600328-2007)  
Stakeholders: Communications Industry  
Project Need: To provide baseline measures describing the durability (Survivability) of outside plant copper-conductor and optical fiber telecommunications distribution links to various levels of physical stress and radiation effects.

This standard provides baseline measures describing the durability (Survivability) of outside plant copper-conductor and optical fiber telecommunications distribution links to various levels of physical stress and radiation effects. The standard applies to optical fiber and metallic links for trunk feeder, and local distribution. The standard includes information for the design and installation of aerial, buried, and underground plant, and applies to all telecommunications networks including, but not limited to, exchange carriers and interexchange carriers.

#### CSA (CSA America, Inc.)

**Office:** 8501 E. Pleasant Valley Rd.  
Cleveland, OH 44131

**Contact:** Cathy Rake

**Fax:** (216) 520-8979

**E-mail:** cathy.rake@csa-america.org

BSR/NGV 4.2a-201x, Hoses for Natural Gas Vehicles and Dispensing System, Addenda a (addenda to ANSI/IAS NGV 4.2/CSA 12.52 -1999 (R2009))

Stakeholders: Consumers, Manufacturers, Gas Suppliers, Certification Agencies

Project Need: Safety

This standard contains safety requirements for the material, design, manufacture and testing of natural gas hose and hose assemblies which are

- (1) used as a part of the dispensing station to connect the dispenser to the refueling nozzle;
- (2) used as part of a vehicle on-board fuel system; or (3) used as vent lines which carry gas to a safe location for either vehicles or dispensing systems.

#### NEMA (ASC C8) (National Electrical Manufacturers Association)

**Office:** 1300 North 17th Street, Suite 1752  
Rosslyn, VA 22209

**Contact:** Ryan Franks

**Fax:** 703-841-3371

**E-mail:** ryan.franks@nema.org

BSR NEMA ICEA S-93-639/WC 74-201x, 5 - 46 kV Shielded Power Cable for Use in the Transmission and Distribution of Electric Energy (revision of ANSI NEMA ICEA S-93-639/WC 74-2006)

Stakeholders: Commercial and Industrial medium voltage power cable users.

Project Need: This project is a revision to update an existing standard according to established guidelines.

This standard applies to materials, constructions, and testing of 5 kV to 46 kV shielded XLPE and EPR insulated wires and cables which are used for the transmission and distribution of electrical energy for normal conditions of installation and service, either indoors, outdoors, aerial, underground, or submarine.

#### UL (Underwriters Laboratories, Inc.)

**Office:** 455 E Trimble Road  
San Jose, CA 95131-1230

**Contact:** Kristin Andrews

**Fax:** (408) 754-6634

**E-mail:** Kristin.L.Andrews@ul.com

BSR/UL 565-201X, Standard for Safety for Liquid-level Gauges and Indicators for Anhydrous Ammonia and LP-Gas (new standard)

Stakeholders: Manufacturers and Users of Liquid-Level Gauges and indicators for Anhydrous Ammonia and LP-Gas including Propane Companies and gas processing plants, manufacturers of LP-Gas and Anhydrous Ammonia equipment and systems, AHJs

Project Need: To obtain national recognition of a standard covering Liquid-level Gauges and Indicators for Anhydrous Ammonia and LP-Gas

These requirements cover liquid-level gauges and indicators for anhydrous ammonia and liquefied petroleum gas (LP-Gas) for use with pressure vessels in nonrefrigerated systems in installations covered by the following American National Standards and others:

- Storage and Handling of Anhydrous Ammonia, ANSI K61.1;
- Liquefied Petroleum Gas Code, NFPA 58; and
- Storage and Handling of Liquefied Petroleum Gases at Utility Plants, ANSI/NFPA 59.

BSR/UL 644-201X, Standard for Safety for Container Assemblies for LP-Gas (new standard)

Stakeholders: Manufacturers and Users of Container Assemblies for LP-Gas including Propane Companies and gas processing plants, AHJ&#8217;s, and manufacturers of LP-Gas and Anhydrous Ammonia equipment and systems

Project Need: To obtain national recognition of a standard covering container assemblies for LP-gas

These requirements cover aboveground, underground, and interchangeable (aboveground or underground) stationary container assemblies for liquefied petroleum gases which include any material having a vapor pressure not exceeding that allowed for commercial propane composed predominately of the following hydrocarbons, either by themselves or as mixtures: propane, propylene, butane (normal butane or isobutane), and butylenes. These container assemblies are provided with tanks constructed under the appropriate provisions of the current edition of the Boiler and Pressure Vessel Code of the American Society of Mechanical Engineers (ASME).

#### UL (Underwriters Laboratories, Inc.)

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San Jose, CA 95131-1230

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**Fax:** (408) 754-6684

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BSR/UL 343-201X, Standard for Safety for Pumps for Oil Burning Appliances (new standard)

Stakeholders: Pump producers for oil burning appliances

Project Need: To obtain national recognition of a standard covering pumps for oil burning appliances.

These requirements cover pumps that are intended to be used as part of oil-burning appliances or installed in fuel-oil piping systems serving such equipment. Oil-burning appliance pumps may be either automatic or power-operated.

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

**Office:** 333 Pflingsten Road  
Northbrook, IL 60062

**Contact:** *Megan VanHeirseele*

**Fax:** (847) 664-2881

**E-mail:** Megan.M.VanHeirseele@ul.com

BSR/UL 1296-201x, Shear Resistance Tests for Ceiling Boards for  
Manufactured Homes (new standard)

Stakeholders: gypsum board manufacturers, manufactured home  
builders, fire protection industry, and regulatory agencies

Project Need: Publish a new ANSI Standard

These requirements cover ceiling materials intended for use as  
structural building products in manufactured homes. These  
requirements are intended to provide information as to the performance  
of mineral and fiberboard, gypsum wallboard or other ceiling materials  
when attached to a roof truss or rafter system using a specific fastening  
schedule. These requirements do not cover thermal, acoustical,  
flammability characteristics, and other properties of such materials.

**VITA (VMEbus International Trade Association (VITA))**

**Office:** PO Box 19658  
Fountain Hills, AZ 85269

**Contact:** *John Rynearson*

**Fax:** (480) 837-7486

**E-mail:** techdir@vita.com

BSR/VITA 74-201x, Nano Small Form Factor Computers (new  
standard)

Stakeholders: Manufacturers, suppliers, and users of modular  
embedded computers

Project Need: Address need to develop a standard for small light  
weight electronic module for applications in mobile environments.

This proposed standard will provides a mechanical format for switched  
serial interconnects for small form-factor applications, with specific  
concern taken to allow deployment in ruggedized environments.

# American National Standards Maintained Under Continuous Maintenance

The ANSI Essential Requirements: Due Process Requirements for American National Standards provide 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)
- AGRSS, Inc. (Automotive Glass Replacement Safety Standards Committee, Inc.)
- 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)
- GEIA (Greenguard Environmental Institute)
- HL7 (Health Level Seven)
- 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)
- TIA (Telecommunications Industry Association)
- UL (Underwriters Laboratories, Inc.)

To obtain additional information with regard to these standards, such as contact information at the ANSI accredited standards developer, please visit ANSI Online at [www.ansi.org](http://www.ansi.org), select Internet Resources, click on "Standards Information," and see "American National Standards Maintained Under Continuous Maintenance". This information is also available directly at [www.ansi.org/publicreview](http://www.ansi.org/publicreview).

Alternatively, you may contact the Procedures & Standards Administration Department (PSA) at [psa@ansi.org](mailto: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](mailto:standact@ansi.org).

## AAMI

Association for the Advancement of  
Medical Instrumentation  
4301 N Fairfax Drive  
Suite 301  
Arlington, VA 22203-1633  
Phone: (703) 253-8268  
Fax: (703) 276-0793  
Web: [www.aami.org](http://www.aami.org)

## ABYC

American Boat and Yacht Council  
613 Third Street  
Suite 10  
Annapolis, MD 21403  
Phone: (410) 990-4460  
Fax: (410) 990-4466  
Web: [www.abycinc.org](http://www.abycinc.org)

## AISI

American Iron and Steel Institute  
1140 Connecticut Avenue, NW  
Suite 705  
Washington, DC 20036  
Phone: (202) 452-7134  
Fax: (202) 452-1039  
Web: [www.steel.org](http://www.steel.org)

## ARMA

Association of Records Managers and  
Administrators  
11880 College Boulevard, Suite 450  
Overland Park, KS 66210  
Phone: (913) 312-5565  
Fax: (913) 341-3742  
Web: [www.arma.org](http://www.arma.org)

## ASABE

American Society of Agricultural and  
Biological Engineers  
2950 Niles Road  
St Joseph, MI 49085  
Phone: (269) 932-7015  
Fax: (269) 429-3852  
Web: [www.asabe.org](http://www.asabe.org)

## ASCE

American Society of Civil Engineers  
1801 Alexander Bell Drive  
Reston, VA 20191  
Phone: 703-295-6176  
Fax: 703-295-6361  
Web: [www.asce.org](http://www.asce.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](http://www.ashrae.org)

## ASIS

ASIS International  
1625 Prince Street  
Alexandria, VA 22314-2818  
Phone: (703) 518-1439  
Fax: (703) 518-1517  
Web: [www.asisonline.org](http://www.asisonline.org)

## ASME

American Society of Mechanical  
Engineers  
3 Park Avenue, 20th Floor (20N2)  
New York, NY 10016  
Phone: (212) 591-8521  
Fax: (212) 591-8501  
Web: [www.asme.org](http://www.asme.org)

## ASQ (ASC Z1)

American Society for Quality  
600 N Plankinton Ave  
Milwaukee, WI 53201  
Phone: (414) 272-8575  
Fax: (414) 272-1734  
Web: [www.asq.org](http://www.asq.org)

## ASSE (Organization)

American Society of Sanitary  
Engineering  
901 Canterbury Road, Suite A  
Westlake, OH 44145-1480  
Phone: (440) 835-3040  
Fax: (440) 835-3488  
Web: [www.asse-plumbing.org](http://www.asse-plumbing.org)

## ASSE (Safety)

American Society of Safety Engineers  
1800 East Oakton Street  
Des Plaines, IL 60018-2187  
Phone: (847) 768-3411  
Fax: (847) 296-9221  
Web: [www.asse.org](http://www.asse.org)

## ASTM

ASTM International  
100 Barr Harbor Drive  
West Conshohocken, PA 19428-2959  
Phone: (610) 832-9696  
Fax: (610) 834-7067  
Web: [www.astm.org](http://www.astm.org)

## ATIS

Alliance for Telecommunications  
Industry Solutions  
1200 G Street, NW  
Suite 500  
Washington, DC 20005  
Phone: (202) 434-8841  
Fax: (202) 347-7125  
Web: [www.atis.org](http://www.atis.org)

## AWWA

American Water Works Association  
6666 W. Quincy Ave.  
Denver, CO 80235  
Phone: (303) 347-6178  
Fax: (303) 795-6303  
Web: [www.awwa.org](http://www.awwa.org)

## B11

B11 Standards, Inc.  
42293 Young Lane  
Leesburg, VA 20176  
Phone: (703) 771-6957  
Fax: (703) 893-1151

## CSA

CSA America, Inc.  
8501 E. Pleasant Valley Rd.  
Cleveland, OH 44131  
Phone: (216) 524-4990  
Fax: (216) 520-8979  
Web: [www.csa-america.org](http://www.csa-america.org)

## HL7

Health Level Seven  
3300 Washtenaw Avenue  
Suite 227  
Ann Arbor, MI 48104  
Phone: (734) 677-7777 Ext 104  
Fax: (734) 677-6622  
Web: [www.hl7.org](http://www.hl7.org)

## IAPMO

International Association of Plumbing  
and Mechanical Officials  
4755 East Philadelphia Street  
Ontario, CA 91761  
Phone: (909) 472-4110  
Fax: (909) 472-4152  
Web: [www.iapmo.org](http://www.iapmo.org)

## IEEE

Institute of Electrical and Electronics  
Engineers (IEEE)  
445 Hoes Lane  
Piscataway, NJ 08854  
Phone: (732) 562-3854  
Fax: (732) 796-6966  
Web: [www.ieee.org](http://www.ieee.org)

## ITSDF

Industrial Truck Standards  
Development Foundation, Inc.  
1750 K Street NW  
Suite 460  
Washington, DC 20006  
Phone: (202) 296-9880  
Fax: (202) 478-7599  
Web: [www.indtrk.org/default.asp](http://www.indtrk.org/default.asp)

## NEMA (ASC C8)

National Electrical Manufacturers  
Association  
1300 North 17th Street, Suite 1752  
Rosslyn, VA 22209  
Phone: 703-841-3271  
Fax: 703-841-3371  
Web: [www.nema.org](http://www.nema.org)

## NPES (ASC CGATS)

NPES  
1899 Preston White Drive  
Reston, VA 20191  
Phone: (703) 264-7229  
Fax: (703) 620-0994  
Web: [www.npes.org](http://www.npes.org)

## NPPC

National Pork Producers Council  
P.O. Box 10383  
Urbandale, IA 50306  
Phone: (515) 278-8002  
Fax: (515) 278-8011  
Web: [www.nppc.org](http://www.nppc.org)

## NSF

NSF International  
789 N. Dixboro Road  
Ann Arbor, MI 48105  
Phone: (734) 827-6819  
Fax: (734) 827-7875  
Web: [www.nsf.org](http://www.nsf.org)

## PLASA

PLASA North America  
630 Ninth Avenue, Suite 609  
New York, NY 10036-3748  
Phone: (212) 244-1505  
Fax: (212) 244-1502  
Web: [www.plasa.org](http://www.plasa.org)

## SAIA (ASC A92)

Scaffold & Access Industry Association  
400 Admiral Boulevard  
Kansas City, MO 64106  
Phone: (816) 595-4846  
Web: [www.saiaonline.org](http://www.saiaonline.org)

## SCTE

Society of Cable Telecommunications  
Engineers  
140 Philips Rd.  
Exton, PA 19341  
Phone: (610) 594-7308  
Fax: (610) 363-5898  
Web: [www.scte.org](http://www.scte.org)

**TAPPI**

Technical Association of the Pulp and  
Paper Industry

15 Technology Parkway South  
Norcross, GA 30092  
Phone: (770) 209-7276  
Fax: (770) 446-6947  
Web: [www.tappi.org](http://www.tappi.org)

**TCIA (ASC A300)**

Tree Care Industry Association  
136 Harvey Road, Suite 101  
Londonderry, NH 3053  
Phone: (603) 314-5380 ext. 117  
Fax: (603) 314-5386  
Web: [www.treecareindustry.org](http://www.treecareindustry.org)

**UL**

Underwriters Laboratories, Inc.

333 Pfingsten Road  
Northbrook, IL 60062  
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Fax: (847) 664-2881  
Web: [www.ul.com/](http://www.ul.com/)

**VITA**

VMEbus International Trade  
Association (VITA)

PO Box 19658  
Fountain Hills, AZ 85269  
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Fax: (480) 837-7486  
Web: [www.vita.com/](http://www.vita.com/)



# ISO Draft International Standards

This section lists proposed standards that the International Organization for Standardization (ISO) is considering for approval. The proposals have received substantial support within the technical committees or subcommittees that developed them and are now being circulated to ISO 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 Karen Hughes, at ANSI's New York offices (isot@ansi.org). The final date for offering comments is listed after each draft.

## Ordering Instructions

**ISO Drafts can be made available by contacting ANSI's Customer Service department. Please e-mail your request for an ISO Draft to Customer Service at [sales@ansi.org](mailto: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.**

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### **AGRICULTURAL FOOD PRODUCTS (TC 34)**

ISO/DIS 4833-1, Microbiology of food and animal feed - Horizontal method for the enumeration of microorganisms - Part 1: Colony count at 30 degrees C by the pour plate technique - 5/24/2012, \$53.00

ISO/DIS 4833-2, Microbiology of food and animal feed - Horizontal method for the enumeration of microorganisms - Part 2: Colony count at 30 degrees C by the surface plating technique - 5/24/2012, \$53.00

### **ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)**

ISO/DIS 5367, Anaesthetic and respiratory equipment - Breathing sets and connectors - 5/24/2012, \$102.00

ISO/DIS 10079-2, Medical suction equipment - Part 2: Manually powered suction equipment - 5/24/2012, \$67.00

ISO/DIS 10079-3, Medical suction equipment - Part 3: Suction equipment powered from a vacuum or positive pressure gas source - 6/2/2012, \$77.00

### **CORROSION OF METALS AND ALLOYS (TC 156)**

ISO/DIS 15158, Corrosion of metals and alloys - Method of measuring the pitting potential for stainless steels by potentiokinetic control in sodium chloride solution - 5/24/2012, \$62.00

### **DOCUMENT IMAGING APPLICATIONS (TC 171)**

ISO/DIS 32000-2, Document management - Portable document format - Part 2: PDF 2.0 - 6/3/2012, \$301.00

### **GAS CYLINDERS (TC 58)**

ISO/DIS 12209, Gas cylinders - Outlet connections for gas cylinder valves for compressed breathable air - 5/24/2012, \$77.00

### **MACHINE TOOLS (TC 39)**

ISO/DIS 10791-6, Test conditions for machining centres - Part 6: Accuracy of speeds and interpolations - 5/24/2012, \$107.00

### **NATURAL GAS (TC 193)**

ISO/DIS 13734, Natural gas - Organic components used as odorants - Requirements and test methods - 5/24/2012, \$53.00

### **PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)**

ISO/DIS 16384, Refrigerated hydrocarbon and non-petroleum based liquefied gaseous fuels - Dimethylether (DME) - Measurement and calculation on boards ships - 6/2/2012, \$58.00

### **PLASTICS (TC 61)**

ISO/DIS 12856, Plastic railway sleepers (railroad ties) - 6/3/2012, \$107.00

ISO/DIS 11357-2, Plastics - Differential scanning calorimetry (DSC) - Part 2: Determination of glass transition temperature and glass transition step height - 6/2/2012, \$40.00

ISO/DIS 16525-1, Adhesives - Test methods for isotropically electrically conducting adhesives - Part 1: General test methods - 6/2/2012, \$40.00

ISO/DIS 16525-2, Adhesives - Test methods for isotropically electrically conducting adhesives - Part 2: Determination of electrical characteristics - 6/2/2012, \$53.00

ISO/DIS 16525-3, Adhesives - Test methods for isotropically electrically conducting adhesives - Part 3: Determination of heat transfer properties - 6/2/2012, \$67.00

ISO/DIS 16525-4, Adhesives - Test methods for isotropically electrically conducting adhesives - Part 4: Determination of shear strength and electrical resistance using rigid-to-rigid bonded assemblies - 6/2/2012, \$46.00

ISO/DIS 16525-5, Adhesives - Test methods for isotropically electrically conducting adhesives - Part 5: Shear fatigue testing - 6/2/2012, \$58.00

ISO/DIS 16525-6, Adhesives - Test methods for isotropically electrically conducting adhesives - Part 6: Pendulum-type impact testing - 6/2/2012, \$62.00

ISO/DIS 16525-7, Adhesives - Test methods for isotropically electrically conducting adhesives - Part 7: Environmental test methods - 6/2/2012, \$40.00

ISO/DIS 16525-8, Adhesives - Test methods for isotropically electrically conducting adhesives - Part 8: Electrochemical-migration test methods - 6/2/2012, \$46.00

### **POWDER METALLURGY (TC 119)**

ISO/DIS 13517, Metallic powders - Determination of flowrate by means of a calibrated funnel (Gustavsson flowmeter) - 6/2/2012, \$40.00

**SHIPS AND MARINE TECHNOLOGY (TC 8)**

ISO/DIS 13073-2, Ships and marine technology - Risk assessment on anti-fouling systems on ships - Part 2: Marine environmental risk assessment method for anti-fouling systems on ships using biocidally active substances - 5/25/2012, \$53.00

**TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)**

ISO/DIS 13693-1, Irrigation equipment - Safety devices for chemigation - Part 1: Small plastics valves for chemigation - 5/24/2012, \$82.00

**TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)**

ISO/DIS 15623, Intelligent Transport Systems - Forward vehicle collision warning systems - Performance requirements and test procedures - 5/24/2012, \$98.00

**ISO/IEC JTC 1, Information Technology**

ISO/IEC DIS 15504-6, Information technology - Process assessment - Part 6: An exemplar system life cycle process assessment model - 5/25/2012, \$165.00

ISO/IEC DIS 23000-10, Information technology - Multimedia application format (MPEG-A) - Part 10: Surveillance application format - 6/3/2012, \$125.00

# 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](http://www.ansi.org). All paper copies are available from Standards resellers (<http://webstore.ansi.org/faq.aspx#resellers>).

## ISO Standards

### AIRCRAFT AND SPACE VEHICLES (TC 20)

[ISO 11892:2012](#), Space systems - Subsystems/units to spacecraft interface control document, \$86.00

### FLOOR COVERINGS (TC 219)

[ISO 10361:2012](#), Textile floor coverings - Production of changes in appearance by means of Vettermann drum and hexapod tumbler tester, \$65.00

### OPTICS AND OPTICAL INSTRUMENTS (TC 172)

[ISO 25297-1:2012](#), Optics and photonics - Electronic exchange of optical data - Part 1: NODIF information model, \$180.00

### PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

[ISO 22846-2:2012](#), Personal equipment for protection against falls - Rope access systems - Part 2: Code of practice, \$141.00

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

[ISO 8533/Amd1:2012](#), Plastics piping systems for pressure and non-pressure drainage and sewerage - Glass-reinforced thermosetting plastics (GRP) systems based on unsaturated polyester (UP) resin - Test methods to prove the design of cemented or wrapped joints - Amendment 1, \$16.00

[ISO 10467/Amd1:2012](#), Plastics piping systems for pressure and non-pressure drainage and sewerage - Glass-reinforced thermosetting plastics (GRP) systems based on unsaturated polyester (UP) resin - Amendment 1, \$16.00

### ROAD VEHICLES (TC 22)

[ISO 10597:2012](#), Road vehicles - Flat attachment fixing nuts for commercial vehicles - Test methods, \$49.00

[ISO 11446-1:2012](#), Road vehicles - Connectors for the electrical connection of towing and towed vehicles - Part 1: 13-pole connectors for vehicles with 12 V nominal supply voltage not intended to cross water fords, \$57.00

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

[ISO 23599:2012](#), Assistive products for blind and vision-impaired persons - Tactile walking surface indicators, \$135.00

## ISO/IEC JTC 1, Information Technology

[ISO/IEC 14443-4/Amd1:2012](#), Identification cards - Contactless integrated circuit cards - Proximity cards - Part 4: Transmission protocol - Amendment 4: Exchange of additional parameters, \$16.00

### OTHER

[ISO/IEC 17020:2012](#), Conformity assessment - Requirements for the operation of various types of bodies performing inspection, \$92.00

## IEC Standards

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

[IEC 60461 Ed. 4.0 b:2010](#), Time and control code, \$179.00

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

[IEC 61196-8 Ed. 1.0 b:2012](#), Coaxial communication cables - Part 8:

Sectional specification for semi-flexible cables with polytetrafluoroethylene (PTFE) dielectric, \$61.00

[IEC/TR 60344 Ed. 3.0 en Cor.1:2012](#), Corrigendum 1 - Calculation of d.c. resistance of plain and coated copper conductors of low-frequency cables and wires - Application guide, \$0.00

### DOCUMENTATION AND GRAPHICAL SYMBOLS (TC 3)

[IEC 62023 Ed. 2.0 b Cor.1:2012](#), Corrigendum 1 - Structuring of technical information and documentation, \$0.00

### ELECTRICAL EQUIPMENT IN MEDICAL PRACTICE (TC 62)

[IEC 60601-2-47 Ed. 2.0 b:2012](#), Medical electrical equipment - Part 2 -47: Particular requirements for the basic safety and essential performance of ambulatory electrocardiographic systems, \$235.00

[IEC 60601-2-60 Ed. 1.0 b:2012](#), Medical electrical equipment - Part 2 -60: Particular requirements for the basic safety and essential performance of dental equipment, \$143.00

### ELECTRICAL INSTALLATIONS OF BUILDINGS (TC 64)

[IEC 60364-7-709 Amd.1 Ed. 2.0 b:2012](#), Amendment 1 - Low-voltage electrical installations - Part 7-709: Requirements for special installations or locations - Marinas and similar locations, \$18.00

### ELECTRICAL MOTOR-OPERATED CLEANING APPLIANCES FOR INDUSTRIAL USE (TC 61J)

[IEC 60335-2-69 Ed. 4.0 en:2012](#), Household and similar electrical appliances - Safety - Part 2-69: Particular requirements for wet and dry vacuum cleaners, including power brush, for commercial use, \$235.00

[IEC 60335-2-79 Ed. 3.0 en:2012](#), Household and similar electrical appliances - Safety - Part 2-79: Particular requirements for high pressure cleaners and steam cleaners, \$235.00

### ELECTROACOUSTICS (TC 29)

[IEC 60645-1 Ed. 3.0 b:2012](#), Electroacoustics - Audiometric equipment - Part 1: Equipment for pure-tone audiometry, \$143.00

[IEC 60118-15 Ed. 1.0 b:2012](#), Electroacoustics - Hearing aids - Part 15: Methods for characterising signal processing in hearing aids with a speech-like signal, \$143.00



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

[IEC 60352-5 Ed. 4.0 b:2012](#), Solderless connections - Part 5: Press-in connections - General requirements, test methods and practical guidance, \$143.00

[IEC 60512-1-100 Ed. 3.0 b:2012](#), Connectors for electronic equipment - Tests and measurements - Part 1-100: General - Applicable publications, \$51.00

**FIBRE OPTICS (TC 86)**

[IEC 61755-3-6 Amd.1 Ed. 1.0 b:2012](#), Amendment 1 - Fibre optic connector optical interfaces - Part 3-6: Optical interface - 2,5 mm and 1,25 mm diameter cylindrical 8 degrees angled-PC composite ferrule using Cu-Ni-alloy as fibre surrounding material, single mode fibre, \$19.00

[IEC 60794-3-60 Ed. 1.0 b:2008](#), Optical fibre cables - Part 3-60: Outdoor cables - Family specification for drinking water pipe cables and subducts for installation by blowing and/or pulling/dragging/floating in drinking water pipes, \$143.00

[IEC 61300-3-33 Ed. 2.0 en:2012](#), Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-33: Examinations and measurements - Withdrawal force from a resilient alignment sleeve using gauge pins, \$56.00

[IEC 61753-087-6 Ed. 1.0 en:2012](#), Fibre optic interconnecting devices and passive components - Performance standard - Part 087-6: Non-connectorised single-mode bidirectional 1 310 nm upstream and 1 490 nm downstream WDM devices for category O - Uncontrolled environment, \$66.00

**FIRE HAZARD TESTING (TC 89)**

[IEC 60695-2-13 Ed. 2.0 b Cor.1:2012](#), Corrigendum 1 - Fire hazard testing - Part 2-13: Glowing/hot-wire based test methods - Glow-wire ignition temperature (GWIT) test method for materials, \$0.00

**FLUIDS FOR ELECTROTECHNICAL APPLICATIONS (TC 10)**

[IEC 60296 Ed. 4.0 b:2012](#), Fluids for electrotechnical applications - Unused mineral insulating oils for transformers and switchgear, \$107.00

[IEC 61181 Amd.1 Ed. 2.0 b:2012](#), Amendment 1 - Mineral oil-filled electrical equipment - Application of dissolved gas analysis (DGA) to factory tests on electrical equipment, \$19.00

**FUEL CELL TECHNOLOGIES (TC 105)**

[IEC 62282-3-100 Ed. 1.0 en:2012](#), Fuel cell technologies - Part 3-100: Stationary fuel cell power systems - Safety, \$235.00

**INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)**

[IEC 62337 Ed. 2.0 b:2012](#), Commissioning of electrical, instrumentation and control systems in the process industry - Specific phases and milestones, \$158.00

[IEC 62381 Ed. 2.0 b:2012](#), Automation systems in the process industry - Factory acceptance test (FAT), site acceptance test (SAT), and site integration test (SIT), \$158.00

[IEC 62439-4 Amd.1 Ed. 1.0 b:2012](#), Amendment 1 - Industrial communication networks - High availability automation networks - Part 4: Cross-network Redundancy Protocol (CRP), \$21.00

[IEC 61784-3-3 Ed. 2.0 b:2010](#), Industrial communication networks - Profiles - Part 3-3: Functional safety fieldbuses - Additional specifications for CPF 3, \$275.00

[IEC 61784-5-2 Ed. 2.0 b:2010](#), Industrial communication networks - Profiles - Part 5-2: Installation of fieldbuses - Installation profiles for CPF 2, \$281.00

[IEC 61784-5-4 Ed. 1.0 b:2010](#), Industrial communication networks - Profiles - Part 5-4: Installation of fieldbuses - Installation profiles for CPF 4, \$143.00

[IEC 61784-5-6 Ed. 2.0 b:2010](#), Industrial communication networks - Profiles - Part 5-6: Installation of fieldbuses - Installation profiles for CPF 6, \$204.00

[IEC 61784-3-12 Ed. 1.0 b:2010](#), Industrial communication networks - Profiles - Part 3-12: Functional safety fieldbuses - Additional specifications for CPF 12, \$260.00

[IEC 61784-3-13 Ed. 1.0 b:2010](#), Industrial communication networks - Profiles - Part 3-13: Functional safety fieldbuses - Additional specifications for CPF 13, \$281.00

[IEC 61784-3-14 Ed. 1.0 b:2010](#), Industrial communication networks - Profiles - Part 3-14: Functional safety fieldbuses - Additional specifications for CPF 14, \$250.00

[IEC 61784-5-10 Ed. 2.0 b:2010](#), Industrial communication networks - Profiles - Part 5-10: Installation of fieldbuses - Installation profiles for CPF 10, \$97.00

[IEC 61784-5-11 Ed. 2.0 b:2010](#), Industrial communication networks - Profiles - Part 5-11: Installation of fieldbuses - Installation profiles for CPF 11, \$128.00

[IEC 61784-5-12 Ed. 1.0 b:2010](#), Industrial communication networks - Profiles - Part 5-12: Installation of fieldbuses - Installation profiles for CPF 12, \$97.00

[IEC 61784-5-14 Ed. 1.0 b:2010](#), Industrial communication networks - Profiles - Part 5-14: Installation of fieldbuses - Installation profiles for CPF 14, \$143.00

[IEC 61784-5-15 Ed. 1.0 b:2010](#), Industrial communication networks - Profiles - Part 5-15: Installation of fieldbuses - Installation profiles for CPF 15, \$117.00

**LAMPS AND RELATED EQUIPMENT (TC 34)**

[IEC 62034 Ed. 2.0 b:2012](#), Automatic test systems for battery powered emergency escape lighting, \$128.00

[IEC 62639 Ed. 1.0 b:2012](#), Fluorescent induction lamps - Performance specification, \$235.00

[IEC/TR 62750 Ed. 1.0 en:2012](#), Unified fluorescent lamp dimming standard calculations, \$97.00

**OVENS AND MICROWAVE OVENS, COOKING RANGES AND SIMILAR APPLIANCES (TC 59K)**

[IEC 60350-1 Ed. 1.0 b Cor.1:2012](#), Corrigendum 1 - Household electric cooking appliances - Part 1: Ranges, ovens, steam ovens and grills - Methods for measuring performance, \$0.00

**PERFORMANCE OF HOUSEHOLD ELECTRICAL APPLIANCES (TC 59)**

[IEC 60436 Amd.2 Ed. 3.0 en:2012](#), Amendment 2 - Electric dishwashers for household use - Methods for measuring the performance, \$77.00

[IEC 61121 Ed. 4.0 en:2012](#), Tumble dryers for household use - Methods for measuring the performance, \$179.00

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

[IEC 60335-2-107 Ed. 1.0 b:2012](#), Household and similar electrical appliances - Safety - Part 2-107: Particular requirements for robotic battery powered electrical lawnmowers, \$235.00

**SECONDARY CELLS AND BATTERIES (TC 21)**

[IEC 61056-1 Ed. 3.0 b:2012](#), General purpose lead-acid batteries (valve-regulated types) - Part 1: General requirements, functional characteristics - Methods of test, \$107.00

[IEC 61056-2 Ed. 3.0 b:2012](#), General purpose lead-acid batteries (valve-regulated types) - Part 2: Dimensions, terminals and marking, \$61.00

#### **SEMICONDUCTOR DEVICES (TC 47)**

[IEC 62047-10 Ed. 1.0 b Cor.1:2012](#), Corrigendum 1 - Semiconductor devices - Micro-electromechanical devices - Part 10: Micro-pillar compression test for MEMS materials, \$0.00

[IEC 62047-13 Ed. 1.0 b:2012](#), Semiconductor devices - Micro-electromechanical devices - Part 13: Bend - and shear - type test methods of measuring adhesive strength for MEMS structures, \$77.00

[IEC 62047-14 Ed. 1.0 b:2012](#), Semiconductor devices - Micro-electromechanical devices - Part 14: Forming limit measuring method of metallic film materials, \$87.00

#### **SWITCHGEAR AND CONTROLGEAR (TC 17)**

[IEC 60947-3 Amd.1 Ed. 3.0 b:2012](#), Amendment 1 - Low-voltage switchgear and controlgear - Part 3: Switches, disconnectors, switch-disconnectors and fuse-combination units, \$56.00

[IEC 61439-3 Ed. 1.0 b:2012](#), Low-voltage switchgear and controlgear assemblies - Part 3: Distribution boards intended to be operated by ordinary persons (DBO), \$97.00

[IEC 62271-102 Ed. 1.1 b:2012](#), High-voltage switchgear and controlgear - Part 102: Alternating current disconnectors and earthing switches, \$347.00

# Registration of Organization Names in the United States

The Procedures for Registration of Organization Names in the United States of America (document ISSB 989) require that alphanumeric organization names be subject to a 90-day Public Review period prior to registration. For further information, please contact the Registration Coordinator at (212) 642-4946.

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

## PUBLIC REVIEW

DDD-Diagnostic A/S

Public Review: December 16, 2011 to March 14, 2012

Digital Technology International

Public Review: January 13 to March 12, 2012

New York City Health and Hospital Corporation

Public Review: February 10 to May 6, 2012

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

A challenge is initiated when a letter from an interested entity is received by the Registration Coordinator. The letter shall identify the alphanumeric organization name being challenged and state the rationale supporting the challenge. A challenge fee shall accompany the letter. After receipt of the challenge, the alphanumeric organization name shall be marked as challenged in the Public Review list. The Registration Coordinator shall take no further action to register the challenged name until the challenge is resolved among the disputing parties.

# Proposed Foreign Government Regulations

## Call for Comment

U.S. manufacturers, exporters, regulatory agencies and standards developing organizations may be interested in proposed foreign technical regulations 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](mailto:ncsci@nist.gov) or [notifyus@nist.gov](mailto:notifyus@nist.gov).

# Information Concerning

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## 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 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 seeks to broaden its membership base and is recruiting new participants in the following membership categories:

- special interest (user, academic, consortia)
- non-business (government and major/minor SDOs)

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](mailto:jgarner@itic.org). Visit [www.INCITS.org](http://www.INCITS.org) for more information regarding INCITS activities.

### Call 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](http://www.scte.org) or by email from [standards@scte.org](mailto:standards@scte.org).

### PINS Correction

#### BSR/ISA 111.01-201x

The scope of BSR/ISA 111.01-201x listed in the PINS section of the February 24, 2012 issue of Standards Action should have included the following text at the end of the scope: "Joint project and publication with InfoCOMM is expected".

## ANSI Accredited Standards Developers

### Administrative Recreditations

#### ASC N14 – Packaging and Transport of Radioactive and Non-Nuclear Hazardous Materials

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of Accredited Standards Committee N14, Packaging and Transport of Radioactive and Non-Nuclear Hazardous Materials under revised operating procedures for documenting consensus on ASC N14 American National Standards has been administratively approved, effective March 2, 2012. For additional information, please contact the Secretariat of ASC N14: Mr. Mark Hawk, Nuclear Science & Technology Division, Institute of Nuclear Materials Management, P.O. Box 2008, MS-6472, Oak Ridge, TN 37831-6472; phone: 865.946.1275; fax: 865.574.3431; Email: [hawkmb@ornl.gov](mailto:hawkmb@ornl.gov).

#### Compressed Air and Gas Institute (CAGI); Door and Access Systems Manufacturers Association (DASMA); Fluid Controls Institute (FCI); Scaffolding, Shoring and Forming Institute (SSFI)

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditations of the Compressed Air and Gas Institute (CAGI); Door and Access Systems Manufacturers Association (DASMA); Fluid Controls Institute (FCI) and Scaffolding, Shoring and Forming Institute (SSFI) - all full ANSI Organizational Members - have been administratively approved under recently revised operating procedures for documenting consensus on each ASD's sponsored American National Standards, effective March 6, 2012. For additional information, please contact: Mr. Christopher Johnson, Thomas Associates, 1300 Sumner Avenue, Cleveland, OH 44115-2851; phone: 216.241.7333, ext. 3027; Email: [cjohnson@thomasamc.com](mailto:cjohnson@thomasamc.com).

#### Electrical Apparatus Service Association (EASA)

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of the Electrical Apparatus Service Association (EASA), a full ANSI Organizational Member, has been administratively approved under its recently revised operating procedures for documenting consensus on EASA-sponsored American National Standards, effective March 6, 2012. For additional information, please contact: Mr. Tom Bishop, P.E., Senior Technical Support Specialist, Electrical Apparatus Service Association, 1331 Baur Boulevard, St. Louis, MO 63132; phone: 314.993.1269; Email: [tbishop@easa.com](mailto:tbishop@easa.com).

## Initiation of Reaccreditation

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

#### Comment Deadline: April 9, 2012

The American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE) has submitted revisions to its currently accredited Procedures for ASHRAE Standards Actions under which it was last reaccredited in February 2011. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of ASHRAE's revised procedures or to offer comments, please contact: Ms. Tanisha Meyers-Lisle, Procedures Administrator, ASHRAE, 1791 Tullie Circle, Atlanta, GA 30329; phone: 678.539.1111; Email: TMeyers-Lisle@ashrae.org. You may view/download a copy of the revisions during the public review period at the following URL:

<http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fPublic%20Review%20and%20Comment%2fANS%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d>. Please submit any public comments on the revised procedures to ASHRAE by April 9, 2012, with a copy to the ExSC Recording Secretary in ANSI's New York Office (E-mail: Jthompso@ANSI.org).

## ANSI Accreditation Program for Third Party Product Certification Agencies

### Initial Application

### DOT Quality Services

#### Comment Deadline: April 9, 2012

Ms. Veronica Elliott, Director of Operations  
DOT Quality Services  
742 N LaSalle Dr, Suite 400  
Chicago, IL 60654  
Tel: 312-285-5344  
E-mail: [v.elliott@dotqs.com](mailto:v.elliott@dotqs.com)  
[www.dotqualityservices.com](http://www.dotqualityservices.com)

DOT Quality Services has applied for ANSI accreditation for the following:

Welding of Metallic Materials, specifically Arc Welding and Resistance Welding

Please send your comments by April 9, 2012 to Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: [rfigueir@ansi.org](mailto:rfigueir@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](mailto:njackson@ansi.org).

## Scope Extension

### Advanced Compliance Solutions, Inc.

#### Comment Deadline: April 9, 2012

Mr. Jeff Woods, Wireless Certification Engineer  
Advanced Compliance Solutions, Inc  
5015 B.U. Bowman Drive  
Buford, GA 30518  
Tel: 770-831-8048, ext. 232  
Fax: 770-831-8598  
E-mail: [jwoods@acstestlab.com](mailto:jwoods@acstestlab.com)  
[www.acstestlab.com](http://www.acstestlab.com)

Advanced Compliance Solutions, Inc., an ANSI-accredited certification body, has extended its scope of ANSI accreditation to include the following:

EPA ENERGY STAR®

Residential Water Heaters

Please send your comments by April 9, 2012 to Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: [rfigueir@ansi.org](mailto:rfigueir@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](mailto:njackson@ansi.org).

## International Organization for Standardization (ISO)

### Calls for US/TAG and US/TAG Administrators

#### ISO/TC 268 – Sustainable Development in Communities

The ISO Technical Management board has created a new ISO Technical Committee on Sustainable development in communities (ISO/TC 268). The secretariat has been assigned to AFNOR (France). The new technical committee has the following scope:

Standardization in the field of Sustainable Development in Communities will include requirements, guidance and supporting techniques and tools to help all kind of communities, their related subdivisions and interested and concerned parties become more resilient and sustainable and demonstrate achievements in that regard.

The proposed series of International Standards will thus encourage the development and implementation of holistic, cross-sector and area-based approaches to sustainable development in communities. As appears in the program of work, it will include Management System Requirement, Guidance and Related standards.

Organizations interested in serving as the US/TAG administrator or participating on the US/TAG should contact ANSI's ISO Team at [isot@ansi.org](mailto:isot@ansi.org).

#### ISO/TC 268/SC 1 – Smart Urban Infrastructure Metrics

The ISO Technical Management board has created a Subcommittee on Smart Urban Infrastructure Metrics (ISO/TC 268/SC 1). The secretariat has been assigned to JISC (Japan).

Organizations interested in serving as the US/TAG administrator or participating on the US/TAG should contact ANSI's ISO Team at [isot@ansi.org](mailto:isot@ansi.org).

**New Work Item Proposal for a New ISO Standard  
Glass Beads for Road Materials – Determination  
of Refractive Index using Secondary Rainbow  
Method**

**Comment Deadline: April 27, 2012**

ISO's Committee on Consumer Policy has submitted to ISO a new work item proposal for a new ISO standard on "Glass beads for road materials – Determination of refractive index using secondary rainbow method" with the following scope statement:

To provide a procedure for determining the refractive index of glass beads for road materials such as road marking materials and reflective films using the secondary rainbow method.

Anyone wishing to review the new work item proposal can request a copy of the proposal by contacting ANSI's ISO Team via email: [isot@ansi.org](mailto:isot@ansi.org) with submission of comments to Steve Cornish ([scornish@ansi.org](mailto:scornish@ansi.org)) by close of business on Friday, April 27, 2012.



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## NSF/ANSI - 49

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

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**3.x Biosafety cabinet nominal width:** The interior sidewall to sidewall width. The cabinet nominal width is expressed in 1 foot increments for cabinets with an interior sidewall to sidewall width greater than 33 inches. Cabinets with an interior sidewall to sidewall width of 33 inches or less are classified to the nearest half-foot. This definition is provided for the purpose of determining the required downflow velocity grid spacing requirements and personnel protection slit sampler positioning.

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#### A.6.3.1 Method

- a) Set the cabinet at the nominal set point airflow velocities.
- b) A nebulizer containing up to 55 mL of spore suspension ( $5 \times 10^8$  to  $8 \times 10^8$  /mL) shall be centered between sidewalls of the cabinet. The horizontal spray axis shall be placed 14 inches (35 cm) above the work surface; the opening of the nebulizer shall be 4 inches (10 cm) behind the front window. The spray axis shall be parallel to the work surface and directed toward the front window (see annex A, figure A6).
- c) The cylinder shall be placed at the cabinet center. The axis of the cylinder shall be 2.75 inches (7.0 cm) above the work surface. Around the cylinder, 4 AGI-30s shall be positioned with the sampling inlets 2.5 inches (6.3 cm) outside the cabinet front. Two AGI-30s shall be placed so that their inlet axes are 6.0 inches (15 cm) apart and in a horizontal plane tangent to the top of the cylinder. Two AGI-30s shall be positioned so that their inlet axes are 2.0 inches (5.0 cm) apart and lie in a horizontal plane 1.0 inch (2.5 cm) below the cylinder. As a positive control, an agar plate shall be placed under the center of the cylinder, and supported a minimum of 0.50 inches (1.3 cm) above or below the front intake grill, to minimize the obstruction of airflow into the grill (see annex A, figures A6 and A7).
- d) Two slit-type air samplers shall be placed so that the horizontal plane of the air inlets is at the work surface elevation, and the vertical axes of the inlets are 6.0 inches (15 cm) in front of the cabinet and 8.0 inches (20 cm) from each interior sidewall. When the nominal width of the test cabinet is less than 3 feet, the two slit-type air samplers shall be placed so that the horizontal plane of the air inlets is at the work surface elevation, and the vertical axes of the inlets are 6.0 inches (15 cm) in front of the cabinet and 2.0 inches (5.1 cm) from each interior sidewall. Two AGI-30 samplers shall be placed so that the horizontal plane of the air inlets is 14 inches (36 cm) above the work surface, the vertical axes are 2.0 inches (5.0 cm) outside the front edge of the cabinet, and there are 6.0 inches (15 cm) on each side of the cabinet centerline (see annex A, figure A7).

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## A.8.2 Apparatus

– A thermal anemometer with an accuracy of  $\pm 3.0$  ft/min ( $\pm 0.015$  m/s) or 3% of the indicated velocity, whichever is larger, shall be used. The device shall be calibrated in accordance with the thermal anemometer manufacturer's instructions, or with IEST-RP-CC-013 if instructions are not provided. When barometric pressure and air stream temperature (where velocity readings are taken) deviate from standard conditions listed for the thermal anemometer being used, correction factors from the manufacturer's manual for the thermal anemometer shall be consulted for the appropriate correction calculation.

~~— The air measurement probe shall be held rigidly in a freestanding fixture that permits accurate positioning and does not distort the airflow pattern (ring-stand and clamp).~~

## A.8.3 Method: Setting nominal set point

The removable equipment non-essential to cabinet operation (acceptable option components) shall be removed prior to setting the nominal set points. The air measurement probe shall be held rigidly in a freestanding fixture that permits accurate positioning and does not distort the airflow pattern (ring-stand and clamp).

### A.8.3.1 Uniform downflow cabinets

Measure the air velocity at multiple points across the workspace, using equal points in the horizontal plane defined 4 inches (10 cm) above the bottom edge of the sash frame (certified height) using the following spacing:

- A uniform rectangular grid with spacings as close to but no greater than 6.0 x 6.0 inches (15 x 15 cm) and containing a minimum of three rows and seven readings per row.
- For cabinets with a nominal width of 3 feet or greater, there shall be a minimum seven readings per row.
- For cabinets with a nominal width less than 3 feet, there shall be a minimum four readings per row.
- Perimeter air velocity readings shall be taken 6.0 inches (15 cm) away from the walls and sash enclosing the work area (see annex A, figure A15).

~~Removable equipment nonessential to cabinet operation (acceptable option components) shall be removed prior to the setting of the nominal set point.~~

~~The air measurement probe shall be held rigidly in a freestanding fixture that permits accurate positioning and does not distort the airflow pattern (ring-stand and clamp).~~ Reported values shall be each of the readings included in the applicable grid and the overall average of these readings. The nominal set point shall be based on this average.

### A.8.3.2 Non-uniform (zoned) downflow cabinets

Measure the air velocity at multiple points across the workspace in zones defined by the manufacturer in the horizontal plane defined 4 in (10 cm) above the bottom edge of the sash frame (height being tested). Manufacturer's instructions shall include locations of zone boundaries and the number of points within each zone.

The requirements for the zones are:



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- The grid test points must have equidistant spacing;
- Each zone must have at least 7 test points within it;
- For cabinets with a nominal width of 3 feet or greater, there shall be a minimum seven readings per zone.
- For cabinets with a nominal width less than 3 feet, there shall be a minimum four readings per zone.
- The distance between test points in each contiguous zone shall be not less than 4 inches (10 cm), nor more than 8 (20 cm) inches apart; and
- The area defined by the perimeter of the test points must equal at least 30% of the total area of the plane in which the readings are taken, accept as noted below.
- Each zone shall be taken at least 6 inches (15 cm) away from the walls and sash enclosing the work area. When the requirement above for covering at least 30% of the area in the grid plane cannot be met due to the size of the cabinet, grid spacing shall start 6 inches (15 cm) away from the walls and sash.

~~The removable equipment non-essential to cabinet operation (acceptable option components) shall be removed prior to setting the nominal set points. The air measurement probe shall be held rigidly in freestanding fixture that permits accurate positioning and does not distort the airflow pattern (ring stand and clamp). Reported values shall be each of the readings taken in each of the zones and the average of each zone. The nominal set point shall be based on the above data in accordance with the manufacturer's instructions.~~

#### A.8.4 Acceptance

The average downward airflow velocity through the cross section of the unobstructed work area (with removable acceptable option components removed) at the level 4 in (10 cm) above the bottom of the sash of cabinets meeting the requirements of annex A, section A.6 shall be the values specified by the manufacturer. Subsequent production cabinets of the initial model and size conforming to annex A, section A.6 may also qualify if the measured downflow velocity set points are within  $\pm 5$  ft/min ( $\pm 0.025$  m/s) of the nominal downflow velocity set point and any additional velocity readings agreed to by the testing organization are provided. Individual point readings in cabinets with uniform downflow shall not vary more than  $\pm 20\%$  or  $\pm 16$  ft/min ( $\pm 0.081$  m/s) from the average downflow velocity, whichever is greater, as determined in annex A, section A.8.3. Individual point readings shall not vary more than  $\pm 20\%$  or  $\pm 16$  ft/min ( $\pm 0.081$  m/s) from the average of each zone, whichever is greater, as determined in annex A, section A.8.3, when the downflow is specified as non-uniform downflow (zoned) by the manufacturer.

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## F.2 Downflow velocity

### F.2.1 Purpose

This test measures the velocity of air moving through the cabinet workspace 4 inches (10 cm) above the bottom edge of the sash and shall be performed on all cabinets accepted under annex A, section A.6.

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## F.2.2 Apparatus

**F.2.2.1** A thermal anemometer with an accuracy of  $\pm 3.0$  ft/min ( $\pm 0.015$  m/s) or 3% of the indicated velocity, whichever is larger, shall be used. The device shall be calibrated in accordance with the thermal anemometer manufacturer's instructions or IEST-RP-CC-013 if instructions are not provided. When the conditions vary from sea level by more than 1000 ft (300 m) and/or the temperature varies from 70 °F (21 °C) by more than 5 °F (2 °C), an appropriate correction for altitude and/or temperature should be used. The manufacturer's manual for the thermal anemometer or the Industrial Ventilation Manual shall be consulted for the appropriate correction calculation.

~~**F.2.2.2** A freestanding fixture that permits accurate positioning of the thermal anemometer probe that does not distort the airflow pattern (ring stand and clamp) shall be used.~~

## F.2.3 Method: setting nominal set point

The removable equipment non-essential to cabinet operation (acceptable option components) shall be removed prior to setting the nominal set points to replicate the as-manufactured conditions tested by the testing organization when required. The air measurement probe shall be held rigidly in a freestanding fixture that permits accurate positioning and does not distort the airflow pattern (ring-stand and clamp).

### F.2.3.1 Uniform downflow cabinets

a) The air velocity shall be measured at multiple points across the workspace, using equal points in the horizontal plane 4 inches (10 cm) above the bottom edge of the sash, as specified on the data plate.

~~b) Removable equipment shall be removed prior to the test to replicate the as-manufactured conditions tested by the testing organization when required.~~

~~c) The air measurement probe shall be held rigidly in a freestanding fixture that permits accurate positioning and does not distort the airflow pattern (ring stand and clamp).~~

db) Reported values shall be:

- Individual velocity readings in the applicable grid;
- Overall average of the velocity readings;
- Minimum velocity reading;
- Maximum velocity reading;
- Acceptance criteria for average airflow velocity;
- Acceptance criteria for airflow velocity uniformity; and
- Name of test (Uniform Downflow Velocity Test).

ec) The nominal set point shall be based on the above data in accordance with the manufacturer's instructions.

### F.2.3.2 Non-uniform (zoned) downflow cabinets

a) The air velocity shall be measured at multiple points across the work space in zones, as specified on the data plate, 4 inches (10 cm) above the bottom edge of the sash.

b) Reported values for each zone shall be:

- Individual velocity readings in the applicable grid;
- Overall average of the velocity;

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- Minimum velocity reading;
  - Maximum velocity reading;
  - Acceptance criteria for average airflow velocity;
  - Acceptance criteria for airflow velocity uniformity; and
  - Name of test (Non-uniform (zoned) Downflow Velocity Test).
- c) The nominal set point shall be based on the above data in accordance with the manufacturer's instructions.

## **F.2.4 Acceptance**

### **F.2.4.1 Uniform downflow**

A cabinet for which the cabinet manufacturer has specified a uniform downflow velocity shall conform to the following:

- the average downflow velocity shall be within  $\pm 5$  ft/min ( $\pm 0.025$  m/s) of the value specified; and
- the individual point readings shall not vary more than  $\pm 25\%$  or 16 ft/min (0.08 m/s), whichever is greater, from the average downflow velocity.

### **F.2.4.2 Non-uniform downflow**

A cabinet for which the cabinet manufacturer has specified a non-uniform (zoned) downflow velocity shall conform to the following:

- the individual zone average downflow velocities shall be within  $\pm 5$  ft/min ( $\pm 0.025$  m/s) of the values specified by the manufacturer; and
- the individual point readings shall not vary more than  $\pm 25\%$  or 16 ft/min (0.08 m/s), whichever is greater, from the average downflow velocity of each zone.

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

## NSF/ANSI Standard for Drinking Water Additives —

### Drinking Water Treatment Chemicals – Health effects

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#### **8 Miscellaneous water supply products**

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##### **8.3.1.1 Well application products**

All products used in well applications shall not support microbiological growth when evaluated in accordance with Annex C. Well cleaning aids used in conjunction with sodium hypochlorite, calcium hypochlorite or chlorine, as well as all well pump lubricating oils, are excluded from this requirement.

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##### **8.3.2 Published instructions**

For products designed to be flushed out prior to using the system for drinking water, the manufacturer's product data sheet shall contain instructions for proper flushing and draining before placing a system back into service. A product that qualifies under this section for a specific and limited use shall be clearly identified in the manufacturer's product data sheet. Polyacrylamide-containing well-drilling additives shall be identified in the manufacturer's product data sheet to indicate that these products are not acceptable for use in constructing wells in highly porous formations such as cavernous limestone.

Instructions and certification listings for well pump lubricating oils shall indicate that the products have not been evaluated for the potential to support microbial growth.

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### **Annex C**

#### **C.2 Products Covered**

This method is applicable to all products used in well applications, which are required to be evaluated for the potential to support microbial growth per Section 8.3.1, such as well-drilling aids, muds, and grouts. Products shall be prepared according to manufacturer's instruction.

***Reason: Revised per 2011 DWA JC meeting (November 30, 2011) unanimous vote to ballot the exclusion of well pump mineral oil applications from the microbial growth test requirement.***

**BSR/UL 60065-201x****1. Proposal for Additional "Coin" Cell Requirements****PROPOSAL**

*Note that all of Annex I is a DU National Difference, and is therefore shown underlined.*


(CURRENT)

Add the following to sub-clause 5.4.1:

i) If an apparatus contains a user-replaceable **COIN / BUTTON CELL BATTERY**, either of the following symbols shall be placed on the apparatus close to the battery compartment:



In addition, there shall be a warning in the accompanying documentation. The warning shall contain the symbol placed on the apparatus and the following text or equivalent.

 **WARNING**  
**CHEMICAL BURN HAZARD**

or

 **WARNING**  
**CHEMICAL BURN HAZARD**

followed by:

[The remote control supplied with] This product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.

Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children.

If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

(PROPOSED)

Add the following to sub-clause 5.4.1:

i) If an apparatus contains a user-replaceable **COIN / BUTTON CELL BATTERY**, either of the following symbols shall be placed on the apparatus close to the battery compartment:



In addition, there shall be a warning in the accompanying documentation. The warning shall contain the symbol placed on the apparatus and the following text or equivalent.

 WARNING  
DO NOT INGEST BATTERY, CHEMICAL BURN HAZARD

or

 WARNING  
DO NOT INGEST BATTERY, CHEMICAL BURN HAZARD

followed by:

[The remote control supplied with] This product contains a coin/button cell battery. If the coin/button cell battery is swallowed, it can cause severe internal burns in just 2 hours and can lead to death.

Keep new and used batteries away from children. If the battery compartment does not close securely, stop using the product and keep it away from children.

If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.

## **PROPOSAL FOR UL 174**

None, If the June 17, 2011 proposal is withdrawn, the current requirements in the standard would remain unchanged with regard to the addition of a new Supplement B to document the Safety Requirements for Smart Enabled Household Electric Storage Tank Water Heaters. Consequently, the proposed new Supplement B will not be adopted.

## PROPOSAL FOR 1626 (RECIRCULATION)

46A.1.1 After being subjected to the test exposures specified in 46A.1.2, polymeric sprinkler assemblies shall show no visible cracks and comply with the Leakage Test (Section 22), Hydrostatic Strength Test (Section 23), and Flow Endurance Test (Section 21).

46A.2.2 Following the exposures described in 46A.3 - 46A.5, three samples with the maximum torque value and three samples with 120% of the maximum torque value from each exposure are to be subjected to the Leakage Test (Section 22) and Hydrostatic Strength Test (Section 23). When subjected to the Leakage Test (Section 22), no visible leakage past a polymeric threaded inlet connection shall be observed when the pipe threads are sealed as specified by the manufacturer and no visible cracks in the inlet threads shall be observed after removal of the sprinkler from the fitting. The remaining samples from each exposure are to be subjected to the Flow Endurance Test (Section 21).

46C.1 When subjected to the temperature cycling exposure described in 46C.2 and 46C.3, polymeric sprinkler assemblies shall not crack, rupture, leak, or operate and then comply with the Leakage Test (Section 22), Sensitivity Oven Heat Test (Section 29.1), and Flow Endurance Test (Section 21).

46C.3 The test samples are to be exposed to ten temperature cycles while pressurized with air to 40 psig (276 Kpa) with each cycle comprised of a 24-hour exposure to a low temperature of  $\text{minus } 40^{\circ}\text{F} \pm 4^{\circ}\text{F}$  ( $\text{minus } 40^{\circ}\text{C} \pm 2^{\circ}\text{C}$ ) and a 24-hour exposure to  $150 \pm 4^{\circ}\text{F}$  ( $66 \pm 2^{\circ}\text{C}$ ). After the exposure, the samples are to be conditioned for not less than 24 hours at  $70 \pm 5^{\circ}\text{F}$  ( $21 \pm 3^{\circ}\text{C}$ ) prior to further testing. Each sample shall be then be subjected to the Leakage Test (Section 22) followed by the Sensitivity Oven Heat Test (Section 29.1). After removal of the sprinkler from the fitting, no visible cracks in the inlet threads shall be observed. One of the samples shall then be subjected to the Flow Endurance Test (Section 21).

46D.2 With each sample conditioned to the minimum installation temperature referenced in the manufacturer's instructions or  $0 \pm 4^{\circ}\text{F}$  ( $\text{minus } 18^{\circ}\text{C} \pm 2^{\circ}\text{C}$ ), whichever is lower, five sprinkler sample assemblies are to be subjected to an impact by dropping a cylindrical mass equivalent to the mass of the sprinkler to the nearest 15-g increment from a height of one meter onto the geometric center of the deflector or, when this is not practicable, onto the butt end of the sprinkler. The mass is to be prevented from impacting more than once upon each sample. See Figure 18.1 for a description of the test arrangement. Following the impact, each sprinkler is to be visually examined and there shall be no evidence of cracks, breaks, or any other damage. Each sample shall



be then be subjected to the Leakage Test (Section 22) followed by the Sensitivity Oven Heat Test (Section 29.1). One of the samples shall then be subjected to the Flow Endurance Test (Section 21).

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