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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: November 18, 2012

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

#### Addenda

BSR/ASHRAE/USGBC/IES Addendum 189.1p-201x, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011)

The purpose of this addendum is for the removal of the "Acceptance Testing" provision (Section 10.3.1.1, Building Acceptance Testing).

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

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

### UL (Underwriters Laboratories, Inc.)

#### Revision

BSR/UL 13-201x, Standard for Safety for Power-Limited Circuit Cables (revision of ANSI/UL 13-2011)

(1) Revision to Section 9 - Individual Covering.

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

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

### UL (Underwriters Laboratories, Inc.)

#### Revision

BSR/UL 305-201X, Standard for Safety for Panic Hardware (revision of ANSI/UL 305-2012)

Change for the length of the push pad for balanced doors.

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Kristin Andrews, (408) 754-6634, [Kristin.L.Andrews@ul.com](mailto:Kristin.L.Andrews@ul.com)

### UL (Underwriters Laboratories, Inc.)

#### Revision

BSR/UL 634-201x, Standard for Safety for Connectors and Switches for Use with Burglar-Alarm Systems (revision of ANSI/UL 634-2007)

Revision of marking instructions.

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

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

### UL (Underwriters Laboratories, Inc.)

#### Revision

BSR/UL 827-201x, Standard for Safety for Central-Station Alarm Services (revision of ANSI/UL 827-2012)

The following changes in requirements to UL 827 are being proposed:

- (1) Central station glossary definition;
- (2) Storage battery testing;
- (3) Portable water sheds - Elaboration;
- (4) Engine Driven Generators, 9.12.11; and
- (5) UPS Standby Power Testing, 9.14.3 and 9.14.4.

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Tim Corder, (919) 549-1841, [William.T.Corder@ul.com](mailto:William.T.Corder@ul.com)

### UL (Underwriters Laboratories, Inc.)

#### Revision

BSR/UL 1468-201X, Standard for Safety for Direct Acting Pressure Reducing and Pressure Restricting Valves (revision of ANSI/UL 1468-2007) Changes to the length of body test.

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Kristin Andrews, (408) 754-6634, [Kristin.L.Andrews@ul.com](mailto:Kristin.L.Andrews@ul.com)

## Comment Deadline: December 3, 2012

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

#### New National Adoption

BSR/AAMI/IEC 62366-2007/A1-201x, Medical devices - Application of usability engineering to medical devices - Amendment 1 (identical national adoption of IEC 62366:2007/A1 (in development))

Amendment to deal with legacy devices where the user interface design is of unknown provenance.

Single copy price: \$20.00 (AAMI members)/\$25.00 (list)

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: Jennifer Moyer, (703) 253-8274, [jmoyer@aami.org](mailto:jmoyer@aami.org)

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

#### Revision

BSR/AHRI Standard 1120-201x, Acoustical Test Methods and Sound Power Rating Procedures for Transport Refrigeration Equipment (revision of ANSI/AHRI Standard 1120-2011)

This standard applies to factory-made Transport Refrigeration Equipment.

Single copy price: Free

Order from: Daniel Abbate, (703) 524-8800, [dabbate@ahrinet.org](mailto:dabbate@ahrinet.org)

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

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

#### Revision

BSR/AHRI Standard 210/240 with Addenda 1 and 2, Performance Rating of Unitary Air-Conditioning & Air-Source Heat Pump Equipment (revision of ANSI/AHRI Standard 210/240 with Addendum 1-2011)

This standard applies to factory-made Unitary Air-Conditioners and Air-Source Unitary Heat Pumps, as defined in Section 3.

Single copy price: Free

Order from: Daniel Abbate, (703) 524-8800, [dabbate@ahrinet.org](mailto:dabbate@ahrinet.org)

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

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

BSR/AHRI Standard 880 (I-P)-201x with Addendum 1, Performance Rating of Air Terminals (revision of ANSI/AHRI Standard 880(I-P)-2011)

This standard applies to air control devices used in air distribution systems.

Single copy price: Free

Order from: Daniel Abbate, (703) 524-8800, [dabbate@ahrinet.org](mailto:dabbate@ahrinet.org)

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

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

BSR/AHRI Standard 881 (SI)-201x with Addendum 1, Performance Rating of Air Terminals (revision of ANSI/AHRI Standard 881 (SI)-2011)

This standard applies to air control devices used in air distribution systems.

Single copy price: Free

Order from: Daniel Abbate, (703) 524-8800, [dabbate@ahrinet.org](mailto:dabbate@ahrinet.org)

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

**AISI (American Iron and Steel Institute)****Reaffirmation**

BSR/AISI S230-2007 (R201x), North American Standard for Cold-Formed Steel Framing - Prescriptive Method for One and Two Family Dwellings - 2007 Edition (Reaffirmed 2012) (reaffirmation and redesignation of ANSI/AISI S230-2007, ANSI/AISI S230-2007/S1-2008, and ANSI/AISI S230-2007/S2-2008)

This standard provides prescriptive method for design and construction of detached one- and two-family dwellings, townhouses, and other attached single-family dwellings not more than three stories in height using repetitive in-line framing practices.

Single copy price: Free

Obtain an electronic copy from: [hchen@steel.org](mailto:hchen@steel.org)

Order from: Helen Chen, (202) 452-7134, [hchen@steel.org](mailto:hchen@steel.org); [doates@steel.org](mailto:doates@steel.org)

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

**AITC (American Institute of Timber Construction)****Revision**

BSR/AITC A190.1-201x, Standard for Wood Products - Structural Glued Laminated Timber (revision of ANSI/AITC A190.1-2007)

This standard describes minimum requirements for the production of structural glued laminated timber, including sizes and tolerances, grade combinations, lumber, adhesives, appearance grades, and manufacture. It also describes the quality control system for the laminator including:

- plant qualification;
- daily quality control;
- the functions of an accredited inspection agency; and
- product marking.

Single copy price: Free

Obtain an electronic copy from: [rmc@aitc-glulam.org](mailto:rmc@aitc-glulam.org)

Order from: Ron Goff, (303) 792-9559, [rgoff@aitc-glulam.org](mailto:rgoff@aitc-glulam.org)

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

**ASABE (American Society of Agricultural and Biological Engineers)****New National Adoption**

BSR/ASABE AD8759-1:1998 MONYEAR, Agricultural wheel tractors - Front-mounted equipment - Part 1: Power take-off and three-point linkage (national adoption of ISO 8759-1:1998 with modifications and revision of ANSI/ASABE AD8759-1-2012)

Specifies dimensions and requirements for power take-off and for three-point linkages in association with a power lift for the attachment of implements or equipment to the front of agricultural wheeled tractors. It is not applicable to tractors that are designed to run in two directions, where either end can be considered to be the front or the rear; in this case, ISO 500 and ISO 730-1 apply.

Single copy price: \$52.00

Obtain an electronic copy from: [vangilder@asabe.org](mailto:vangilder@asabe.org)

Order from: Carla VanGilder, (269) 932-7015, [vangilder@asabe.org](mailto:vangilder@asabe.org)

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

**ASC X9 (Accredited Standards Committee X9, Incorporated)****New Standard**

BSR X9.119-1-201x, Retail Financial Services - Requirements for Protection of Sensitive Payment Card Data - Part 1: Using Encryption Methods (new standard)

Theft of sensitive card data during a retail payment transaction is increasingly becoming a major source of financial fraud. Besides an optional encrypted PIN, this data includes magnetic stripe track 2 data: PAN, expiration date, card verification value, and issuer private data. While thefts of this data at all segments of the transaction processing system have been reported, the most vulnerable segments are between the point of transaction device capturing the magnetic stripe data and the processing systems at the acquirer. This document would standardize the security requirements and implementation for a method for protecting this sensitive card data over these segments. Several implementations exist to address this situation. This document would provide guidance for evaluating these implementations.

Single copy price: \$100.00

Obtain an electronic copy from: [janet.busch@x9.org](mailto:janet.busch@x9.org)

Order from: Janet Busch, (410) 267-7707, [janet.busch@x9.org](mailto:janet.busch@x9.org)

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

**ASIS (ASIS International)****New Standard**

BSR ASIS PSC.3-201X, Maturity Model for the Phased Implementation of a Quality Assurance Management System for Private Security Service Providers (new 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 six 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.1-2012.

Single copy price: \$50.00

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

Order from: Aivelis Opicka, (703) 518-1439, [aivelis.opicka@asisonline.org](mailto:aivelis.opicka@asisonline.org); [Sue.Carioti@asisonline.org](mailto:Sue.Carioti@asisonline.org)

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

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

BSR/ASME PTC 19.11-2008 (R201x), Steam and Water Sampling, Conditioning, and Analysis in the Power Cycle (reaffirmation of ANSI/ASME PTC 19.11-2008)

The object of this Code is to specify and discuss the methods and instrumentation for testing boiler makeup and feedwater, steam, and condensate in relation to performance testing as may be required in Performance Test Codes in one-time acceptance testing and continuous performance monitoring. This Code also provides guidance to power-plant management, engineers, chemists, and operators in the design and operation of sampling systems for monitoring of cycle chemistry. The methods and equipment recommended herein may be useful for monitoring other influent and effluent streams of the power plant. Contamination of the steam and water cycle must be at or less than the maximum specified for the performance test before a turbine, condenser, or deaerator performance test is made.

Single copy price: \$93.00

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

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Angel Guzman, ASME; [guzman@asme.org](mailto:guzman@asme.org)

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

BSR/ASME B30.25-201x, Scrap and Material Handlers (revision of ANSI/ASME B30.25-2007)

B30.25 includes provisions that apply to the construction, installation, operation, inspection, and maintenance of scrap and material handlers consisting of a base, a revolving upper structure with operator's station(s), and a front for lifting scrap or materials using attachments such as magnets and grapples, and any variations thereof in which the equipment retains the same fundamental characteristics. The provisions included in this volume apply to scrap and material handlers that are crawler mounted, rail mounted, wheel mounted, or on pedestal bases. The scope includes hydraulically operated scrap and material handlers powered by internal combustion engines or electric motors to lift, lower, and swing scrap and material at various radii.

Single copy price: Free

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

Order from: Mayra Santiago, ASME; [ANSIBOX@asme.org](mailto:ANSIBOX@asme.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Kathryn Hyam, (212) 591-8521, [hyamk@asme.org](mailto:hyamk@asme.org)

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

BSR/ASME BPVC Section III-201x, Rules for Construction of Nuclear Facility Components (revision of ANSI/ASME BPVC Section III-2010)

The rules of this Section constitute requirements for the design, construction, stamping, and overpressure protection of items used in nuclear power plants and other nuclear facilities. This Section consists of the following three divisions:

- (a) Division 1. Metallic vessels, heat exchangers, storage tanks, piping systems, pumps, valves, core support structures, supports, and similar items;
- (b) Division 2. Concrete containment vessels; and
- (c) Division 3. Metallic containment systems for storage or transportation of spent nuclear fuel and high-level radioactive materials and waste.

Single copy price: Free

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

Order from: Mayra Santiago, ASME; [ANSIBOX@asme.org](mailto:ANSIBOX@asme.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Allyson Byk, (212) 591-8521, [byka@asme.org](mailto:byka@asme.org)

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

BSR/ASME BPVC Section IV-201x, Rules for Construction of Heating Boilers (revision of ANSI/ASME BPVC Section IV-2010)

The rules of this Section of the Code cover minimum construction requirements for the design, fabrication, installation, and inspection of steam heating, hot water heating, hot water supply boilers that are directly fired with oil, gas, electricity, coal, or other solid or liquid fuels, and for operation at or below the following pressure and temperature limits:

- (1) 15 psi for steam boilers and
- (2) 160 psi for water heating boilers and/or temperatures not exceeding 250 F.

Single copy price: Free

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

Order from: Mayra Santiago, ASME; [ANSIBOX@asme.org](mailto:ANSIBOX@asme.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Gerardo Moino, (212) 591-8460, [moinog@asme.org](mailto:moinog@asme.org)

**AWS (American Welding Society)****Revision**

BSR/AWS A5.16/A5.16M-201x (ISO 24034-2005 MOD), Specification for Titanium and Titanium-Alloy Welding Electrodes and Rods (revision of ANSI/AWS A5.16/A5.16M-2007)

This specification prescribes the requirements for the classification of over 30 titanium and titanium-alloy welding electrodes and rods. Classification is based upon the chemical composition of the electrode. Major topics include general requirements, testing, packaging, and application guidelines. This specification makes use of both U.S. Customary Units and the International System of Units (SI). Since these are not equivalent, each must be used independently of the other. This specification adopts the requirements of ISO 24034 and incorporates the provisions of earlier versions of A5.16/A5.16M, allowing for classifications under both specifications.

Single copy price: \$25.00

Obtain an electronic copy from: [roneill@aws.org](mailto:roneill@aws.org)

Order from: Rosalinda O'Neill, (305) 443-9353, [roneill@aws.org](mailto:roneill@aws.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Andrew Davis, (305) 443-9353, Ext. 466, [adavis@aws.org](mailto:adavis@aws.org); [roneill@aws.org](mailto:roneill@aws.org)

**HL7 (Health Level Seven)****Revision**

BSR HL7 V2.8-201x, Health Level Seven Standard Version 2.8 - An Application Protocol for Electronic Data Exchange in Healthcare Environments (revision and redesignation of ANSI/HL7 V2.7.1-2012)

Changes have been made to several chapters following the initial ballot of this material. A more complete list of the changes can be found in the ballot announcement and in the ballot reconciliation spreadsheet, both of which are available on the HL7 website.

Single copy price: Free (HL7 members)/\$705.00 (non-members)

Obtain an electronic copy from: Karenvan@HL7.org

Order from: Karen Van Hentenryck, (734) 677-7777 Ext 104, Karenvan@HL7.org

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

**INMM (ASC N14) (Institute of Nuclear Materials Management)****Revision**

BSR N14.5-201x, Radioactive Materials - Leakage Tests on Packages for Shipment (revision of ANSI N14.5-1997)

This Standard specifies methods for demonstrating that Type B packages designed for transport of normal form radioactive material comply with the containment requirements of Title 10 of the Code of Federal Regulations Part 71 (10 CFR Part 71). This Standard describes package release limits, methods for relating package release limits to allowable and reference leakage rates and minimum requirements for leakage rate test procedures.

Single copy price: Free

Obtain an electronic copy from: N14Secretary@yahoo.com

Order from: Ronald Natali, (435) 258-3730, N14Secretary@yahoo.com

Send comments (with copy to psa@ansi.org) to: N14Secretary@yahoo.com

**ITI (INCITS) (InterNational Committee for Information Technology Standards)****New National Adoption**

INCITS/ISO/IEC 19776-1:201x, Information technology - Computer graphics, image processing and environmental data representation - Extensible 3D (X3D) encodings - Part 1: Extensible Markup Language (XML) encoding (identical national adoption of ISO/IEC 19776-1:2009 and revision of INCITS/ISO/IEC 19776-1-2009 and INCITS/ISO/IEC 19776-1-2005 Amendment 1-2009)

ISO/IEC 19775, Extensible 3D (X3D), defines a system that integrates 3D graphics and multimedia. Conceptually, each X3D file is a 3D time-based space that contains graphic and aural objects that can be dynamically modified through a variety of mechanisms. ISO/IEC 19776-1:2009 defines a mapping of the abstract objects in X3D to a specific X3D encoding using the Extensible Markup Language (XML).

Single copy price: \$157.00

Obtain an electronic copy from: <http://www.incits.org> or <http://webstore.ansi.org>

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

Send comments (with copy to psa@ansi.org) to: Barbara Bennett, (202) 626-5743, [bbennett@itic.org](mailto:bbennett@itic.org)

**OPEI (Outdoor Power Equipment Institute)****Revision**

BSR/OPEI B175.3-201x, Outdoor Power Equipment - Internal Combustion Engine-Powered Hand-Held Grass Trimmers and Brushcutters - Safety and Environmental Requirements (revision and redesignation of ANSI B175.3-2003)

The purpose of this standard is to establish safety and environmental requirements for internal combustion engine-powered, hand-held grass trimmers and brushcutters. The requirements of the standard apply to grass trimmers intended for use with flexible non-metallic line, or other types of non-metallic cutting attachments and brushcutters intended for use with cutting blades and other cutting attachments. Trimmers and brushcutters with back-mounted power units are not covered by this standard. This standard is not applicable to machines equipped with metallic cutting attachments consisting of more than one piece, e.g., pivoting chains or flail blades.

Single copy price: Free

Obtain an electronic copy from: [kwoods@opei.org](mailto:kwoods@opei.org)

Order from: Kathleen Woods, (703) 549-7600, ext. 24, [Kwoods@opei.org](mailto:Kwoods@opei.org)

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

**SHRM (Society for Human Resource Management)****New Standard**

BSR/SHRM 02001-201X, Guidelines for Reporting Human Capital Metrics to Investors (new standard)

A standard for a series of analytical measures that will reflect the value of human capital in financial terms that are consistent with those currently used and commonly respected in financial, accounting, and other business communications to investors and similar stakeholders.

Single copy price: Free

Obtain an electronic copy from: [http://hrstandardsworkspace.shrm.org/apps/group\\_public/document.php?document\\_id=6684&wg\\_abbrev=mamt02](http://hrstandardsworkspace.shrm.org/apps/group_public/document.php?document_id=6684&wg_abbrev=mamt02)

Order from: Lee Webster, (703) 535-6047, [lwebster@shrm.org](mailto:lwebster@shrm.org); [HRSTDS@SHRM.ORG](http://HRSTDS@SHRM.ORG)

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

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

BSR/UL 294B-201x, Standard for Safety for Power Over Ethernet (PoE) Power Sources for Access Control Systems and Equipment (new standard)

This proposed first edition covers requirements for the evaluation of Power over Ethernet (PoE) power sources for access control systems and equipment. The power sources may be provided integral with the access control equipment or as a separate device supplying power. The equipment is intended to comply with Article 725.121 of the National Electrical Code. Equipment covered by this standard provides a nominal source voltage of 48 or 53 V DC. This standard applies to all connected equipment and interconnections necessary to ensure normal operation of the PoE-powered control system.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

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

BSR/UL 497A-2004 (R201x), Standard for Safety for Secondary Protectors for Communications Circuits (reaffirmation of ANSI/UL 497A-2004 (R2008))

UL 497A covers secondary protectors for use in single- or multiple-pair-type communications circuits that are intended to be installed in accordance with Article 800 of the National Electrical Code, ANSI/NFPA 70.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Derrick Martin, (408) 754-6656, [Derrick.L.Martin@ul.com](mailto:Derrick.L.Martin@ul.com)

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

BSR/UL 746E-201x, Standard for Safety for Polymeric Materials - Industrial Laminates, Filament Wound Tubing, Vulcanized Fibre, and Materials Used in Printed-Wiring Boards (revision of ANSI/UL 746E-2012)

Revisions to various construction and performance requirements for UL 746E are being proposed.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Derrick Martin, (408) 754-6656, [Derrick.L.Martin@ul.com](mailto:Derrick.L.Martin@ul.com)

**Comment Deadline: December 18, 2012****AGMA (American Gear Manufacturers Association)****Revision**

BSR/AGMA 1102-200x, Tolerance Specification for Gear Hobs (revision of ANSI/AGMA 1102-2003 (R2010))

This standard provides specifications for nomenclature, dimensions, tolerances, and inspection for gear hobs for modules 0.63 to 40 mm. It establishes a basis for understanding the use and manufacture of these tools.

Single copy price: \$84.00

Order from: Charles Fischer, (703) 684-0211, [fischer@agma.org](mailto:fischer@agma.org); [tech@agma.org](mailto:tech@agma.org)

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

**Projects Withdrawn from Consideration**

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

**ASPE (American Society of Plumbing Engineers)**

BSR/ARCSA/ASPE 63-201x, Rainwater Catchment Systems (new standard)

**Technical Reports Registered with ANSI**

Technical Reports Registered with ANSI are not consensus documents. Rather, all material contained in Technical Reports Registered with ANSI is informational in nature. Technical reports may include, for example, reports of technical research, tutorials, factual data obtained from a survey carried out among standards developers and/or national bodies, or information on the "state of the art" in relation to standards of national or international bodies on a particular subject.

Immediately following the end of a 30-day announcement period in Standards Action, the Technical Report will be registered by ANSI. Please submit any comments regarding this registration to the organization indicated, with a copy to the PSA Center, American National Standards Institute, 25 West 43rd Street, New York, NY 10036 or E-Mail to [psa@ansi.org](mailto:psa@ansi.org).

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

AAMI/ISO TIR 19218-2:2012, Medical devices - Hierarchical coding structure for adverse events - Part 2: Evaluation codes (TECHNICAL REPORT) (technical report)

This part of ISO/TS 19218 specifies requirements for a hierarchical coding structure for characterizing the results of the analysis or evaluation describing adverse events relating to medical devices.

Single copy price: \$45.00 (AAMI members)/\$90.00 (non-members)

Order from: <http://www.aami.org/applications/search/details.cfm>; Hillary Woehrle [hwoehrle@aami.org](mailto:hwoehrle@aami.org)

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Hillary Woehrle, (703) 525-4890, [Hwoehrle@aami.org](mailto:Hwoehrle@aami.org); [customerservice@aami.org](mailto:customerservice@aami.org)

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

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

ANSI/ANS 2.2-2002, Earthquake Instrumentation Criteria for Nuclear Power Plants

ANSI/ISA 67.06.01-2002, Performance Monitoring for Nuclear Safety-Related Instrument Channels in Nuclear Power Plants

# 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.

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

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

**Contact:** *Jennifer Moyer*

**Phone:** (703) 253-8274

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

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

BSR/AAMI/IEC 62366-2007/A1-201x, Medical devices - Application of usability engineering to medical devices, Amendment 1 (identical national adoption of IEC 62366:2007/A1 (in development))

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

**Office:** 2111 Wilson Boulevard  
Suite 500  
Arlington, VA 22201

**Contact:** *Daniel Abbate*

**Phone:** (703) 600-0327

**Fax:** (703) 562-1942

**E-mail:** [dabbate@ahrinet.org](mailto:dabbate@ahrinet.org)

BSR/AHRI Standard 1120-201x, Acoustical Test Methods and Sound Power Rating Procedures for Transport Refrigeration Equipment (revision of ANSI/AHRI Standard 1120-2011)

BSR/AHRI Standard 210/240 with Addenda 1 and 2, Performance Rating of Unitary Air-Conditioning & Air-Source Heat Pump Equipment (revision of ANSI/AHRI Standard 210/240 with Addendum 1-2011)

BSR/AHRI Standard 880 (I-P)-201x with Addendum 1, Performance Rating of Air Terminals (revision of ANSI/AHRI Standard 880(I-P)-2011)

BSR/AHRI Standard 881 (SI)-201x with Addendum 1, Performance Rating of Air Terminals (revision of ANSI/AHRI Standard 881 (SI)-2011)

## **EIMA (EIFS Industry Members Association)**

**Office:** 513 West Broad Street, Suite 210  
Falls Church, VA 22046-3257

**Contact:** *David Johnston*

**Phone:** (703) 538-1616

**Fax:** (703) 538-1736

**E-mail:** [djohnston@eima.com](mailto:djohnston@eima.com)

BSR/EIMA 99-A-200x, Standard for Exterior Insulation and Finish Systems (EIFS) and EIFS with Drainage (new standard)

## **HI (Hydraulic Institute)**

**Office:** 6 Campus Drive, 1st Fl North  
Parsippany, NJ 07054

**Contact:** *Karen Anderson*

**Phone:** (973) 267-9700 Ext 123

**Fax:** (973) 267-9055

**E-mail:** [kanderson@pumps.org](mailto:kanderson@pumps.org)

BSR/HI 7.1-7.5-201x, Controlled-Volume Metering Pumps for Nomenclature, Definitions, Application, and Operation (revision of ANSI/HI 7.1-7.5-2006)

## **ISA (ISA)**

**Office:** 67 Alexander Drive  
Research Triangle Park, NC 27709

**Contact:** *Eliana Brazda*

**Phone:** (919) 990-9228

**Fax:** (919) 549-8288

**E-mail:** [ebrazda@isa.org](mailto:ebrazda@isa.org)

BSR/ISA 67.06.01-201x, Performance Monitoring for Nuclear Safety-Related Instrument Channels in Nuclear Power Plants (new standard)

BSR/ISA 95.00.05-201x, Enterprise-control system integration - Part 5: Business-to-manufacturing transactions (revision of ANSI/ISA 95.00.05-2007)

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

**Office:** 1101 K Street NW, Suite 610  
Washington, DC 20005

**Contact:** *Barbara Bennett*

**Phone:** (202) 626-5743

**Fax:** (202) 638-4922

**E-mail:** [bbennett@itc.org](mailto:bbennett@itc.org)

INCITS/ISO/IEC 19776-1:201x, Information technology - Computer graphics, image processing and environmental data representation - Extensible 3D (X3D) encodings - Part 1: Extensible Markup Language (XML) encoding (identical national adoption of ISO/IEC 19776-1:2009 and revision of INCITS/ISO/IEC 19776-1-2009 and INCITS/ISO/IEC 19776-1-2005 Amendment 1-2009)

**SHRM (Society for Human Resource Management)**

**Office:** 1800 Duke Street  
Alexandria, VA 22315

**Contact:** *Lee Webster*

**Phone:** (703) 535-6047

**Fax:** (703) 535-6432

**E-mail:** lwebster@shrm.org; HRSTDS@SHRM.ORG

BSR/SHRM 02001-201X, Guidelines for Reporting Human Capital  
Metrics to Investors (new standard)

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

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

**Contact:** *Derrick Martin*

**Phone:** (408) 754-6656

**Fax:** (408) 754-6656

**E-mail:** Derrick.L.Martin@ul.com

BSR/UL 497A-2004 (R201x), Standard for Safety for Secondary  
Protectors for Communications Circuits (reaffirmation of ANSI/UL  
497A-2004 (R2008))



# 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.

## API (American Petroleum Institute)

### *New National Adoption*

ANSI/API 6DX-201/ISO 12490-2011, Mechanical integrity and sizing of actuators and mounting kits for pipeline valves (identical national adoption of ISO 12490:2011): 10/16/2012

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

### *Revision*

ANSI/ASAE EP486.2-2012, Shallow Post and Pier Foundation Design (revision of ANSI/ASAE EP486.1-OCT00 (R2005)): 10/16/2012

## ASC X9 (Accredited Standards Committee X9, Incorporated)

### *Reaffirmation*

ANSI X9.100-40, Part 1 & 2-2008 (R2012), Specifications for Check Image Tests - Part 1: Definition of Elements and Structures; Part 2: Application and Registration Procedures (reaffirmation of ANSI X9.100-40, Part 1-2008 and ANSI X9.100-40, Part 2-2008): 10/16/2012

## AWS (American Welding Society)

### *Revision*

ANSI/AWS G2.1M/G2.1-2012, Guide for the Joining of Wrought Nickel-Based Alloys (revision of ANSI/AWS G2.1M/G2.1-2002): 10/16/2012

ANSI/AWS G2.3M/G2.3-2012, Guide for the Joining of Solid Solution Austenitic Stainless Steels (revision of ANSI/AWS G2.3M/G2.3:2009): 10/16/2012

## AWWA (American Water Works Association)

### *New Standard*

ANSI/AWWA B101-2012, Precoat Filter Media (new standard): 10/16/2012

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

### *New Standard*

ANSI INCITS 498-2012, Information technology - CIM Representations for Management (new standard): 10/16/2012

ANSI INCITS 500-2012, Information technology - Database Language SQL - Row Pattern Recognition (SQL/RPR) (new standard): 10/16/2012

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

### *Revision*

ANSI/ITSDF B56.11.1-2012, Double Race or Bi-Level Swivel and Rigid Industrial Casters (revision of ANSI/ITSDF B56.11.1-2005): 10/16/2012

## NEMA (ASC C29) (National Electrical Manufacturers Association)

### *New Standard*

ANSI C29.2-2012, Standard for Insulators - Wet-Process Porcelain and Toughened Glass - Suspension Type (new standard): 10/15/2012

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

### *Revision*

\* ANSI/ICEA S-99-689-2012, ICEA Standard for Broadband TP Filled, PE, Cu (revision of ANSI/ICEA S-99-689-2006): 10/15/2012

## NSF (NSF International)

### *Revision*

\* ANSI/NSF 140-2012 (i18), Sustainability Assessment for Carpet (revision of ANSI/NSF 140-2012): 9/30/2012

## PLASA (PLASA North America)

### *New Standard*

ANSI E1.6-1-2012, Entertainment Technology - Powered Hoist Systems (new standard): 10/16/2012

### *Reaffirmation*

ANSI E1.9-2007 (R2012), Entertainment Technology - Reporting Photometric Performance Data for Luminaires Used in Entertainment Lighting (reaffirmation of ANSI E1.9-2007): 10/15/2012

ANSI E1.16-2002 (R2012), Entertainment Technology - Configuration Standard for Metal-Halide Ballast Power Cables (reaffirmation of ANSI E1.16-2002 (R2007)): 10/15/2012

### *Revision*

ANSI E1.25-2012, Recommended Basic Conditions for Measuring the Photometric Output of Stage and Studio Luminaires by Measuring Illumination Levels Produced on a Planar Surface (revision of ANSI E1.25-2006): 10/15/2012

## PMI (Project Management Institute)

### *Revision*

ANSI/PMI 99-001-2013, A Guide to the Project Management Body of Knowledge - Fifth Edition (PMBOK (R) Guide - Fifth Edition) (revision of ANSI/PMI 99-001-2008): 10/16/2012

## TechAmerica

### *Revision*

ANSI/GEIA STD-0005-2-A-2012, Standard for Mitigating the Effects of Tin Whiskers in Aerospace and High Performance Electronic Systems (revision and redesignation of ANSI/GEIA STD-0005-2-2006): 10/16/2012

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

### ***New Standard***

ANSI/UL 1416-2012, Standard for Safety for Overcurrent and Overtemperature Protectors for Radio- and Television-Type Appliances (new standard): 10/12/2012

### ***Reaffirmation***

ANSI/UL 506-2008 (R2012), Standard for Safety for Specialty Transformers (reaffirmation of ANSI/UL 506-2008): 10/12/2012

## **Approval Rescinded**

### **Notice to Rescind Approval as American National Standards at the Request of CSA**

The approval of the following standards as American National Standards has been rescinded at the request of CSA. For further information, please contact Cathy Rake ([cathy.rake@csagroup.org](mailto:cathy.rake@csagroup.org)).

**ANSI/CSA HGV 4.1-2012**, Standard for hydrogen dispensing systems

**ANSI/CSA HGV 4.2-2012**, Standard for hoses for compressed hydrogen fuel stations, dispensers and vehicle fuel systems

**ANSI/CSA HGV 4.4-2012**, Standard for breakaway devices for compressed hydrogen dispensing hoses and systems

**ANSI/CSA HGV 4.5-2012**, Standard for priority and sequencing equipment for hydrogen vehicle fueling

# 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.

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

**Office:** 2111 Wilson Boulevard  
Suite 500  
Arlington, VA 22201

**Contact:** Daniel Abbate

**Fax:** (703) 562-1942

**E-mail:** [dabbate@ahrinet.org](mailto:dabbate@ahrinet.org)

BSR/AHRI Standard 260 (I-P)-201x, Sound Rating of Ducted Air Moving and Conditioning Equipment (revision and partition of ANSI/AHRI Standard 260-2011)

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

Project Need: The purpose of this standard is to establish a method of sound rating the indoor portions of ducted air moving and conditioning equipment. The standard provides definitions; requirements for acquiring mapped sound data; sound power level calculations and ratings; minimum data requirements for published sound ratings; and conformance conditions.

This standard applies to Ducted Equipment and specifies the methods for the determination of the sound power rating of the indoor sections of factory-made residential, commercial, and industrial air-conditioning and heat pump equipment, which are electrically driven, with mechanical compression and containing fans, using mapped sound data for rating the various product Sound Components.

BSR/AHRI Standard 261 (SI)-201x, Sound Rating of Ducted Air Moving and Conditioning Equipment (revision and partition of ANSI/AHRI Standard 260-2011)

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

Project Need: The purpose of this standard is to establish a method of sound rating the indoor portions of ducted air moving and conditioning equipment. The standard provides definitions; requirements for acquiring mapped sound data; sound power level calculations and ratings; minimum data requirements for published sound ratings; and conformance conditions.

This standard applies to Ducted Equipment and specifies the methods for the determination of the sound power rating of the indoor sections of factory-made residential, commercial and industrial air-conditioning and heat pump equipment, which are electrically driven, with mechanical compression and containing fans, using mapped sound data for rating the various product Sound Components.

BSR/AHRI Standard 810 (I-P)-2012, Performance Rating of Automatic Commercial Ice-Makers (revision and partition of ANSI/AHRI Standard 810-2003)

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

Project Need: The purpose of this standard is to establish for Automatic Commercial Ice-Makers: definitions; test requirements; rating requirements; minimum data requirements for Published Ratings; marking and nameplate data; and conformance conditions.

This standard applies to factory-made Automatic Commercial Ice-Makers as defined in Section 3.

BSR/AHRI Standard 811 (SI)-201x, Performance Rating of Automatic Commercial Ice-Makers (revision and partition of ANSI/AHRI Standard 810-2003)

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

Project Need: The purpose of this standard is to establish for Automatic Commercial Ice-Makers: definitions; test requirements; rating requirements; minimum data requirements for Published Ratings; marking and nameplate data; and conformance conditions.

This standard applies to factory-made Automatic Commercial Ice-Makers as defined in Section 3.

BSR/AHRI Standard 550/590 (I-P)-2012 with Addendum 1, Performance Rating of Water-Chilling and Heat Pump Water-Heating Packages Using the Vapor Compression Cycle (revision of ANSI/AHRI Standard 550/590 (I-P)-2012)

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

Project Need: The purpose of this standard is to establish for Water-Chilling and Water-Heating Packages using the vapor compression cycle: definitions; test requirements; rating requirements; minimum data requirements for Published Ratings; marking and nameplate data; and conformance conditions.

This standard applies to factory-made vapor-compression refrigeration Water-Chilling and Water-Heating Packages including one or more hermetic or open drive compressors. These Water-Chilling and Water-Heating Packages include:

- Water-cooled, air-cooled, or evaporatively-cooled condensers;
- Water-cooled heat-reclaim condensers;
- Air-to-water heat pump; and
- Water-to-water heat pumps with a capacity greater or equal to 135,000 Btu/h.

Water-to-water heat pumps with a capacity less than 135,000 Btu/h are covered by the latest edition of AHRI Standard 320.

BSR/AHRI Standard 551/591-2011 with Addendum 1, Performance Rating of Water-Chilling and Heat Pump Water-Heating Packages Using the Vapor Compression Cycle (revision of ANSI/AHRI Standard 551/591-2011)

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

Project Need: The purpose of this standard is to establish for Water-Chilling and Water-Heating Packages using the vapor compression cycle: definitions; test requirements; rating requirements; minimum data requirements for Published Ratings; marking and nameplate data; and conformance conditions.

This standard applies to factory-made vapor-compression refrigeration Water-Chilling and Water-Heating Packages including one or more hermetic or open drive compressors. These Water-Chilling and Water-Heating Packages include:

- Water-cooled, air-cooled, or evaporatively-cooled condensers;
- Water-cooled heat-reclaim condensers;
- Air-to-water heat pump;
- Water-to-water heat pumps with a capacity greater or equal to 40 kW.

Water-to-water heat pumps with a capacity less than 40 kW are covered by the latest edition of AHRI Standard 320.

#### **ASC X9 (Accredited Standards Committee X9, Incorporated)**

**Office:** 1212 West Street, Suite 200  
Annapolis, MD 21401

**Contact:** Janet Busch

**Fax:** (410) 267-0961

**E-mail:** janet.busch@x9.org

BSR X9.127-201x, Quality Management System for Algorithmic and High Frequency Trading (new standard)

Stakeholders: Sell side brokerages, proprietary trading firms, software vendors, exchanges, other market participants, society in general.

Project Need: The industry is in need of a quality management system of standardized the entire algorithmic or high-frequency trading system lifecycle - research, development, operation, and control.

This work item defines a quality management standard for mitigating the risks inherent in automated (algorithmic) electronic trading of financial instruments at very high speeds (high frequency). This standard will provide for market places (exchanges), market participants, market regulators with a comprehensive framework and process for ensuring the safety and quality of automated trading systems.

BSR X9.126/ISO 17442-201x, Legal Entity Identifier (LEI) (identical national adoption of ISO 17442)

Stakeholders: Corporations, all financial intermediaries, banks and finance organizations, all entities listed on an exchange, all entities that issue or trade financial instruments, and all entities under the purview of a financial regulator and their holding

Project Need: The LEI standard will be a valuable tool for financial firms and corporations, as well as for global regulators, to satisfy their data collection and analysis requirements arising from the global financial crisis.

Legal entity identification is an integrated and necessary component of financial services transactions. Entering into business relationships requires 'Know Your Customer' processes to be initiated and maintained for the duration of these relationships and any longer term data retention requirements to be addressed. Parties involved in financial transactions need to be identified within these transactions. Then the risk of each party and the resulting concentration risk also needs to be measured. All of this is to be achieved while the support for Straight Through Processing (STP) is maintained. Following the global financial crisis, the need for regulators to identify legal entities, both nationally and across the global markets, has been raised as a critical need. More specifically, regulators are asking for standards to be used within the solutions they are developing to address the data collection and analysis needs resulting from the crisis. ISO 17442 fulfills the needs for legal entity identification of the global financial services industry and the regulatory community.

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

**Office:** 3 Park Avenue, 20th Floor (20N2)  
New York, NY 10016

**Contact:** Mayra Santiago

**Fax:** (212) 591-8501

**E-mail:** ANSIBox@asme.org

BSR/ASME B29.10M-201x, Heavy Duty Offset Sidebar Power Transmission Roller Chains and Sprocket Teeth (revision of ANSI/ASME B29.10M-1997 (R2009))

Stakeholders: Manufacturers and users, and engineers associated with both, of the types of chain with which the Standard is concerned.

Project Need: This Standard remains viable but is in need of updating.

This Standard covers chains characterized by a series of offset links in which the pins articulate inside the bushings and the rollers are free to turn on the bushings. Pins and bushings are fixed in their respective sidebar holes. This Standard is not intended to be submitted for consideration as an ISO or ISO/IEC JTC-1 Standard.

BSR/ASME B29.15M-201x, Steel Roller Type Conveyor Chains, Attachments, and Sprocket Teeth (revision of ANSI/ASME B29.15M-1997 (R2009))

Stakeholders: Manufacturers and users, and engineers associated with both, of the type of chain described by this Standard.

Project Need: This Standard remains viable but is in need of updating

This Standard covers a type of chain in which a series of roller links having steel bushings with rollers to contact the sprocket teeth, alternating with links comprised of sidebars and pins, which articulate in the steel bushings of the roller link. This Standard is not intended to be submitted for consideration as an ISO or ISO/IEC JTC-1 Standard.

BSR/ASME B29.300-201x, Agricultural, Detachable, and Pintle Chains, Attachments and Sprockets (revision of ANSI/ASME B29.19-1998)

Stakeholders: Manufacturers and users, and engineers associated with both, of the types of chains covered by this Standard.

Project Need: This Standard remains viable but is in need of updating.

This Standard includes the several types of chains as below. This Standard is not intended to be submitted for consideration as an ISO or ISO/IEC JTC-1 Standard. Agricultural Chains: This Standard covers chains that are a series of alternately assembled roller links and pin links in which the pins articulate inside the bushings and the rollers are free to turn on the bushings. The pitch of the sidebars is derived from the pitch of B29.6 series chain contained in the B29.300 Standard. Pin link plates and roller link plates have identical contours.

Detachable Chains: This Standard covers chains that are a series of successively assembled steel links in which the end bars articulate inside the hook. The chain is detached by flexing it and driving the end bar out of the adjoining hook. Sprockets for use with steel detachable chains covered by this Standard are only those with dimensions controlling the surfaces that must properly engage or clear the chain.

Pintle Chains: This Standard covers chains that are a series of one-piece formed links, connected by pins, that articulate within the barrels of adjacent links. Each link has a barrel end and an open end. The pins are fixed against rotation by mechanical locks or interference fits at the open end of the link. The barrels are open, leaving the pins

#### HI (Hydraulic Institute)

**Office:** 6 Campus Drive, 1st Fl North  
Parsippany, NJ 07054

**Contact:** Karen Anderson

**Fax:** (973) 267-9055

**E-mail:** kanderson@pumps.org

BSR/HI 7.1-7.5-201x, Controlled-Volume Metering Pumps for Nomenclature, Definitions, Application, and Operation (revision of ANSI/HI 7.1-7.5-2006)

Stakeholders: Pump manufacturers, suppliers and consultants and users.

Project Need: To improve upon existing ANSI/HI Standard for Nomenclature, Definitions, Application, and Operation.

The Controlled Volume Metering Pump Section will limit its activity to the above matters to reciprocating positive displacement metering pumps including, but not limited to, the following:

- (A) Hydraulic coupled disc diaphragm;
- (B) Hydraulic coupled tubular diaphragm;
- (C) Mechanical coupled disc diaphragm;
- (D) Pack piston; and
- (E) Plunger.

#### ISA (ISA)

**Office:** 67 Alexander Drive  
Research Triangle Park, NC 27709

**Contact:** Charles Robinson

**Fax:** (919) 549-8288

**E-mail:** crobinson@isa.org

BSR/ISA 95.00.05-201x, Enterprise-control system integration - Part 5: Business-to-manufacturing transactions (revision of ANSI/ISA 95.00.05-2007)

Stakeholders: Processing/manufacturing companies in all sectors of industry.

Project Need: This standard will serve as a revised Part 5 of ISA's Enterprise-Control System Integration series of standards.

This standard defines business-to-manufacturing transactions that may be used on the objects defined in the object models of the Part 1 and Part 2 standards in the ANSI/ISA 95 series. The transactions of required and actual manufacturing activities bind and organize the manufacturing objects and activities defined in those earlier standards.

#### ISA (ISA)

**Office:** 67 Alexander Drive  
Research Triangle Park, NC 27709

**Contact:** Eliana Brazda

**Fax:** (919) 549-8288

**E-mail:** ebrazda@isa.org

BSR/ISA 67.06.01-201x, Performance Monitoring for Nuclear Safety-Related Instrument Channels in Nuclear Power Plants (new standard)

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: Provides guidance to the nuclear power industry in demonstrating acceptable performance of safety-related instrument channels.

This standard provides the nuclear power industry methods for assuring that nuclear safety-related instrument channels satisfy acceptable calibration, response time, and other factors affecting the performance of the instrument channel. This standard applies only to those instrument channels whose primary sensors measure pressure, differential pressure, temperature, or neutron flux. Primary flow elements are addressed by other standards.

# 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

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Phone: (703) 253-8274  
Fax: (703) 276-0793  
Web: [www.aami.org](http://www.aami.org)

## AGMA

American Gear Manufacturers  
Association

1001 N Fairfax Street, 5th Floor  
Alexandria, VA 22314  
Phone: (703) 684-0211  
Fax: (703) 684-0242  
Web: [www.agma.org](http://www.agma.org)

## AHRI

Air-Conditioning, Heating, and  
Refrigeration Institute

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

## AISI

American Iron and Steel Institute

25 Massachusetts Avenue, NW  
Suite 800  
Washington, DC 20001  
Phone: (202) 452-7134  
Fax: (202) 452-1039  
Web: [www.steel.org](http://www.steel.org)

## AITC (Organization)

American Institute of Timber  
Construction

7021 S. Revere Parkway Suite 140  
Centennial, CO 80112  
Phone: (303) 792-9559  
Fax: (303) 792-0669  
Web: [www.aitc-glulam.org](http://www.aitc-glulam.org)

## API

American Petroleum Institute

1220 L Street, NW  
Washington, DC 20005-4070  
Phone: (202) 682-8135  
Fax: (202) 962-4797  
Web: [www.api.org](http://www.api.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)

## ASC X9

Accredited Standards Committee X9,  
Incorporated

1212 West Street, Suite 200  
Annapolis, MD 21401  
Phone: (410) 267-7707  
Fax: (410) 267-0961  
Web: [www.x9.org](http://www.x9.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)

## ASPE

American Society of Plumbing  
Engineers

2980 S. River Road  
Des Plaines, IL 60018  
Phone: (847) 296-0002  
Fax: (847) 296-2963  
Web: [www.aspe.org](http://www.aspe.org)

## AWS

American Welding Society

550 N.W. LeJeune Road  
Miami, FL 33126  
Phone: (305) 443-9353  
Fax: (305) 443-5951  
Web: [www.aws.org](http://www.aws.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)

## HI

Hydraulic Institute

6 Campus Drive, 1st Fl North  
Parsippany, NJ 07054  
Phone: (973) 267-9700 Ext 123  
Fax: (973) 267-9055  
Web: [www.pumps.org](http://www.pumps.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)

## INMM (ASC N14)

Institute of Nuclear Materials  
Management

75 North 200 East  
Richmond, UT 84333  
Phone: (435) 258-3730  
Web: [www.inmm.org](http://www.inmm.org)

## ISA (Organization)

ISA-The Instrumentation, Systems,  
and Automation Society

67 Alexander Drive  
Research Triangle Park, NC 27709  
Phone: (919) 990-9213  
Fax: (919) 549-8288  
Web: [www.isa.org](http://www.isa.org)

## ITI (INCITS)

InterNational Committee for  
Information Technology Standards

1101 K Street NW, Suite 610  
Washington, DC 20005  
Phone: (202) 626-5743  
Fax: (202) 638-4922  
Web: [www.incits.org](http://www.incits.org)

## ITSDF

Industrial Truck Standards  
Development Foundation, Inc.

1750 K Street NW  
Suite 460  
Washington, DC 20006  
Phone: (202) 296-9880  
Fax: (202) 296-9884  
Web: [www.indtrk.org/default.asp](http://www.indtrk.org/default.asp)

## NEMA (ASC C29)

National Electrical Manufacturers  
Association

1300 North 17th Street, Suite 1752  
Rosslyn, VA 22209  
Phone: 703-841-3297  
Fax: 703-841-3397  
Web: [www.nema.org](http://www.nema.org)

## 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)

## 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)

## OPEI

Outdoor Power Equipment Institute

341 South Patrick Street  
Alexandria, VA 22314  
Phone: (703) 549-7600, ext. 24  
Fax: (703) 549-7604  
Web: [www.opei.org](http://www.opei.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)

## PMI (ORGANIZATION)

Project Management Institute

14 Campus Boulevard  
Newtown Square, PA 19073-3299  
Phone: 610-356-4600  
Fax: 610-356-4647  
Web: [www.pmi.org](http://www.pmi.org)

## SHRM

Society for Human Resource  
Management

1800 Duke Street  
Alexandria, VA 22315  
Phone: (703) 535-6047  
Fax: (703) 535-6432  
Web: [www.shrm.org](http://www.shrm.org)

## TechAmerica

TechAmerica

1401 Wilson Boulevard  
Suite 1100  
Arlington, VA 20004  
Phone: (703) 284-5355  
Fax: (703) 525-2279  
Web: [www.techamerica.org](http://www.techamerica.org)

## UL

Underwriters Laboratories, Inc.

333 Pfingsten Road  
Northbrook, IL 60062  
Phone: (847) 664-3411  
Fax: (847) 664-3411  
Web: [www.ul.com/](http://www.ul.com/)



# Newly Published ISO Standards

Listed here are new and revised standards recently approved and promulgated by ISO - the International Organization for Standardization. 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>).

## **COMPRESSORS, PNEUMATIC TOOLS AND PNEUMATIC MACHINES (TC 118)**

ISO 28927-12:2012, Hand-held portable power tools - Test methods for evaluation of vibration emission - Part 12: Die grinders, \$98.00

## **GRAPHICAL SYMBOLS (TC 145)**

ISO 7010/Amd3:2012, Graphical symbols - Safety colours and safety signs - Registered safety signs - Amendment 3, \$16.00

## **METALLIC AND OTHER INORGANIC COATINGS (TC 107)**

ISO 14188:2012, Metallic and other inorganic coatings - Test methods for measuring thermal cycle resistance and thermal shock resistance for thermal barrier coatings, \$86.00

## **PAINTS AND VARNISHES (TC 35)**

ISO 12013-1:2012, Paints and varnishes - Determination of curing characteristics using a free damped oscillation method - Part 1: Start temperature of the curing reaction, \$65.00

ISO 12013-2:2012, Paints and varnishes - Determination of curing characteristics using a free damped oscillation method - Part 2: Glass transition temperature, \$65.00

## **PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)**

ISO 13287:2012, Personal protective equipment - Footwear - Test method for slip resistance, \$98.00

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

ISO 9080:2012, Plastics piping and ducting systems - Determination of the long-term hydrostatic strength of thermoplastics materials in pipe form by extrapolation, \$116.00

ISO 17467-1:2012, Plastics piping systems for the supply of gaseous fuels - Unplasticized polyamide (PA-U) piping systems jointed by solvent cement - Part 1: General, \$104.00

ISO 17467-2:2012, Plastics piping systems for the supply of gaseous fuels - Unplasticized polyamide (PA-U) piping systems jointed by solvent cement - Part 2: Pipes, \$65.00

ISO 17467-3:2012, Plastics piping systems for the supply of gaseous fuels - Unplasticized polyamide (PA-U) piping systems jointed by solvent cement - Part 3: Fittings, \$49.00

## **PULLEYS AND BELTS (INCLUDING VEEBELTS) (TC 41)**

ISO 5285:2012, Conveyor belts - Guidelines for storage and handling, \$57.00

## **RUBBER AND RUBBER PRODUCTS (TC 45)**

ISO 1382:2012, Rubber - Vocabulary, \$206.00

## **SHIPS AND MARINE TECHNOLOGY (TC 8)**

ISO 16548:2012, Ships and marine technology - Ship design - General guidance on emergency towing procedures, \$122.00

ISO/PAS 18215:2012, Ships and marine technology - Vessel machinery operations in polar waters - Guidelines, \$65.00

## **THERMAL INSULATION (TC 163)**

ISO 12575-1:2012, Thermal insulation products - Exterior insulating systems for foundations - Part 1: Material specification, \$73.00

## **WATER QUALITY (TC 147)**

ISO 5814:2012, Water quality - Determination of dissolved oxygen - Electrochemical probe method, \$80.00

## **WELDING AND ALLIED PROCESSES (TC 44)**

ISO 8205-3:2012, Water-cooled secondary connection cables for resistance welding - Part 3: Test requirements, \$57.00

## **ISO Technical Reports**

### **PHOTOGRAPHY (TC 42)**

ISO/TR 17321-2:2012, Graphic technology and photography - Colour characterization of digital still cameras (DSCs) - Part 2: Considerations for determining scene analysis transforms, \$92.00

### **THERMAL INSULATION (TC 163)**

ISO/TR 16344:2012, Energy performance of buildings - Common terms, definitions and symbols for the overall energy performance rating and certification, \$135.00

## **ISO Technical Specifications**

### **GLASS IN BUILDING (TC 160)**

ISO/TS 29584:2012, Glass in building - Pendulum impact testing and classification of safety glass for use in buildings, \$141.00

## **ISO/IEC JTC 1, Information Technology**

ISO/IEC 10373-6/Amd2:2012, Identification cards - Test methods - Part 6: Proximity cards - Amendment 2: Test methods for electromagnetic disturbance, \$16.00

ISO/IEC 19794-2/Cor1:2009, Information technology - Biometric data interchange formats - Part 2: Finger minutiae data - Corrigendum, FREE



ISO/IEC 19794-2/Amd1:2010, Information technology - Biometric data interchange formats - Part 2: Finger minutiae data - Amendment 1: Detailed description of finger minutiae location, direction, and type, \$104.00

ISO/IEC 19794-4/Cor1:2011, Information technology - Biometric data interchange formats - Part 4: Finger image data - Corrigendum, FREE

ISO/IEC 19794-5/Amd1:2007, Information technology - Biometric data interchange formats - Part 5: Face image data - Amendment 1: Conditions for taking photographs for face image data, \$122.00

ISO/IEC 19794-5/Cor1:2008, Information technology - Biometric data interchange formats - Part 5: Face image data - Corrigendum, FREE

ISO/IEC 19794-5/Cor2:2008, Information technology - Biometric data interchange formats - Part 5: Face image data - Corrigendum 2, FREE

ISO/IEC 19794-5/Amd2:2009, Information technology - Biometric data interchange formats - Part 5: Face image data - Amendment 2: Three-dimensional face image data interchange format, \$129.00

ISO/IEC 19794-8/Cor1:2011, Information technology - Biometric data interchange formats - Part 8: Finger pattern skeletal data - Corrigendum, FREE

ISO/IEC 25041:2012, Systems and software engineering - Systems and software Quality Requirements and Evaluation (SQuaRE) - Evaluation guide for developers, acquirers and independent evaluators, \$157.00

ISO/IEC 40500:2012, Information technology - W3C Web Content Accessibility Guidelines (WCAG) 2.0, \$37.00

ISO/IEC 11694-1:2012, Identification cards - Optical memory cards - Linear recording method - Part 1: Physical characteristics, \$37.00

# Proposed Foreign Government Regulations

## Call for Comment

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

The National Center for Standards and Certification Information (NCSCI) at the National Institute of Standards and Technology

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

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

### Calls for Members

#### Society of Cable Telecommunications

##### ANSI Accredited Standards Developer

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

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

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

## ANSI Accredited Standards Developers

### Approvals of Reaccreditation

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

ANSI's Executive Standards Council has approved the reaccreditation of the American Society of Heating, Refrigerating and Air-Conditioning Engineers (ASHRAE), an ANSI Organizational Member, under its recently revised operating procedures for documenting consensus on American National Standards, effective October 12, 2012. For additional information, please contact: Ms. Tanisha Meyers-Lisle, ASHRAE, 1791 Tullie Circle, Atlanta, GA 30329; phone: 678.539.1111; email: [TMeyers-Lisle@ashrae.org](mailto:TMeyers-Lisle@ashrae.org).

#### SPI – The Plastics Industry Trade Association

ANSI's Executive Standards Council has approved the reaccreditation of SPI – The Plastics Industry Trade Association, an ANSI Organizational Member, under its recently revised operating procedures for documenting consensus on SPI-sponsored American National Standards, effective October 16, 2012. For additional information, please contact: Mr. David Felinski, Standards Program Coordinator, SPI – The Plastics Industry Trade Association, 1667 K Street, NW, Suite 1000, Washington, DC 20006; phone: 832.446.6999; email: [dfelinski@plasticsindustry.org](mailto:dfelinski@plasticsindustry.org).

### Reaccreditations

#### Institute of Inspection, Cleaning and Restoration Certification (IICRC)

##### Comment Deadline: November 19, 2012

The Institute of Inspection, Cleaning and Restoration Certification (IICRC), an ANSI Organizational Member, has submitted revisions to its currently accredited operating procedures for documenting consensus on American National Standards, under which it was last reaccredited in July 2009. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the IICRC's revised procedures or to offer comments, please contact: Ms. Mili Washington, Standards Director, IICRC, 2715 E. Mill Plain Boulevard, Vancouver, WA 98661; phone: 360.313.7088; email: [mili@iicrc.org](mailto:mili@iicrc.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%20Comments%2fANS%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d>. Please submit any public comments on the revised procedures to IICRC by November 19, 2012, with a copy to the ExSC Recording Secretary in ANSI's New York Office (email: [Jthompso@ANSI.org](mailto:Jthompso@ANSI.org)).

## Leonardo Academy

### Comment Deadline: November 19, 2012

The Leonardo Academy, an ANSI Organizational Member, has submitted revisions to its currently accredited operating procedures for documenting consensus on American National Standards, under which it was last reaccredited in August 2011. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the Leonardo Academy's revised procedures or to offer comments, please contact: Mr. Michael Army, President, Leonardo Academy, Inc., P.O. Box 5425, Madison, WI 53705; phone: 608.280.0255; email: [MichaelArmy@leonardoacademy.org](mailto:MichaelArmy@leonardoacademy.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 the Leonardo Academy by November 19, 2012, with a copy to the ExSC Recording Secretary in ANSI's New York Office (email: [Jthompso@ANSI.org](mailto:Jthompso@ANSI.org)).

# International Electrotechnical Commission (IEC)

## Call for Members

### USNC TAG for IEC/TC 120 – Electrical Energy Storage (EES) Systems

The U S National Committee for IEC is now a Participating Member of IEC/TC 120 and the National Electrical Manufacturers Association (NEMA) is in the process of organizing the USNC Technical Advisory Group.

Title: Electrical Energy Storage (EES) Systems

Scope: Standardization in the field of grid-integrated EES systems implementing system approaches to understand their complex constructions.

Anyone interested in joining the USNC TAG for IEC/TC 120 is invited to contact the TAG Secretary at the email provided below.

#### **TAG Secretary – USNC TAG for IEC TC 120:**

Ryan Franks  
NEMA | Technical Program Manager  
1300 N. 17th St., Suite 1752  
Rosslyn, VA 22209  
Email: [ryan.franks@nema.org](mailto:ryan.franks@nema.org)  
Office: 703.841.3271  
Mobile: 217.377.4038

BSR/ASHRAE/IES/USGBC Addendum  
p to ANSI/ASHRAE/USGBC/IES  
Standard 189.1-2011

# Public Review Draft

## Proposed Addendum p to Standard 189.1-2011 Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings

First Public Review (September 2012) (Draft Shows Proposed Changes to Current Standard)

This draft has been recommended for public review by the responsible project committee. To submit a comment on this proposed addendum, go to the ASHRAE web site at <http://www.ashrae.org/standards-research-technology/public-review-drafts> and access the online comment database. The draft is subject to modification until it is approved for publication by the Board of Directors and ANSI. Until this time, the current edition of the standard (as modified by any published addenda on the ASHRAE web site) remains in effect.

The current edition of any standard may be purchased from the ASHRAE Bookstore @ <http://www.ashrae.org> or by calling 404-636-8400 or 1-800-527-4723 (for orders in the U.S. or Canada).

This standard is under continuous maintenance. To propose a change to the current standard, use the change submittal form available on the ASHRAE web site @ <http://www.ashrae.org>.

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

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AMERICAN SOCIETY OF HEATING, REFRIGERATING  
AND AIR-CONDITIONING ENGINEERS, INC. 1791 Tullie Circle, NE  
Atlanta GA 30329-2305



**Illuminating**  
ENGINEERING SOCIETY

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

## **FOREWORD**

*The purpose of this addendum is for the removal of the “Acceptance Testing” provision (Section 10.3.1.1) from ASHRAE Standard 189.1. The section as it currently stands indicates that when a building size is less than 5,000 square feet it is therefore a “simple” building, and thus requires a reduced level of commissioning effort, referred to as Acceptance Testing. However, building size does not relate to complexity as many buildings less than 5,000 square feet can be complex. This DA proposes that Building Commissioning per Section 10.3.1.2 becomes mandatory for all buildings that are designed and built under the requirements of ASHRAE 189.1.*

*Commissioning is a robust and well supported discipline with established guidelines (ASHRAE and others), a long history of use, and with many practitioners. Furthermore, the Commissioning Process is one that adapts to the specific attributes of a given building. A “simple” building would only require “simple” Commissioning. Furthermore, it does not appear that “Acceptance Testing” is a universally defined activity nor does there appear to be specific instructions or guidelines within the industry detailing how this activity is formally completed. Also, a review of the mandatory requirements of 189.1 could be interpreted as producing a [relatively] complex building (i.e. consumption measurement, on-site renewable energy, daylighting control, outdoor air delivery monitoring, economizers, condensate recovery, etc.)*

*Finally, under the current “Acceptance Testing” section, ASHRAE Standard 189.1 would not meet the minimum commissioning requirement (prerequisite) of the LEED Rating System which requires all buildings to undergo the commissioning process. The following addendum references several sections of ASHRAE 189.1 Chapter 10 associated with this proposal.*

**Note: In this addendum, changes to the current standard are indicated in the text by underlining (for additions) and ~~striketrough~~ (for deletions) unless the instructions specifically mention some other means of indicating the changes. Only these changes are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed substantive changes.**

## Addendum p to 189.1-2011

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Modify Section 10.1 as follows:

**10.1 Scope.** This section specifies requirements for construction and plans for operation, including the *commissioning process*, ~~building acceptance testing~~, measurement and *verification*, energy use reporting, durability, transportation management, erosion and sediment control, construction, and indoor air quality during construction.

Modify Section 10.3.1.1 as follows (remove in its entirety):

~~10.3.1.1 **Building Acceptance Testing.** Acceptance testing shall be performed on all buildings in accordance with this section using *generally accepted engineering standards* and handbooks acceptable to the *AHJ*.~~

~~An acceptance testing process shall be incorporated into the design and construction of the *building project* that verifies systems specified in this section perform in accordance with construction documents.~~

~~10.3.1.1.1 **Activities Prior to Building Permit.** Complete the following:~~

- ~~a. Designate a project *Acceptance Representative* to lead, review, and oversee completion of acceptance testing activities.~~
- ~~b. Construction documents shall indicate who is to perform acceptance tests and the details of the tests to be performed.~~
- ~~c. *Acceptance representative* shall review construction documents to verify relevant sensor locations, devices, and control sequences are properly documented.~~

~~10.3.1.1.2 **Activities Prior to Building Occupancy.** Complete the following:~~

- ~~a. Verify proper installation and start up of the systems.~~
- ~~b. Perform acceptance tests. For each acceptance test, complete test form and include a signature and license number, as appropriate, for the party who has performed the test.~~
- ~~c. Verify a system manual has been prepared that includes O&M documentation and full warranty information, and provides operating staff the information needed to understand and optimally operate building systems.~~

~~10.3.1.1.3 **Systems.** The following systems, if included in the *building project*, shall have acceptance testing:~~

- ~~a. Mechanical systems: heating, ventilating, air conditioning, IAQ, and refrigeration systems (mechanical and/or passive) and associated controls.~~
- ~~b. Lighting systems: automatic daylighting controls, manual daylighting controls, occupancy sensing devices, and, automatic shut off controls~~
- ~~c. Fenestration Control Systems: Automatic controls for shading devices and dynamic glazing.~~
- ~~d. Renewable energy systems.~~

BSR/ASHRAE/USGBC/IES Addendum p to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings  
First Public Review Draft.

- ~~e. Water measurement devices, as required in Section 6.3.3.~~
- ~~f. Energy measurement devices, as required in Section 7.3.3.~~

~~10.3.1.1.4 **Documentation.** The owner shall retain completed acceptance test forms.~~

Modify Section 10.3.1.2 as follows:

~~**10.3.1.2 10.3.1.1 Building Project Commissioning.** For buildings that exceed 5000 ft<sup>2</sup> (500 m<sup>2</sup>) of gross floor area, ~~c~~Commissioning shall be performed in accordance with this section using generally accepted engineering standards and handbooks acceptable to the AHJ. Buildings undergoing the commissioning process will be deemed to comply with the requirements of Section 10.3.1.1, “Building Acceptance Testing.”~~

Modify Section 10.3.2.1.2.1 as follows:

**10.3.2.1.2.1 Initial Measurement and Verification.** Use the water measurement devices and collection/storage infrastructure specified in Section 6.3.3 to collect and store water use data for each device, starting no later than after building ~~acceptance testing~~ commissioning has been completed and certificate of occupancy has been issued.

Modify Section 10.3.2.1.3.1 as follows:

**10.3.2.1.3.1 Initial Measurement and Verification.** Use the energy measurement devices and collection/storage infrastructure specified in Section 7.3.3 to collect and store energy data for each device, starting no later than after ~~acceptance testing~~ commissioning has been completed and certificate of occupancy has been issued.

Modify Section 3.2 (Definitions) as follows:

### 3.2 Definitions

~~**acceptance representative:** An entity identified by the owner who leads, plans, schedules, and coordinates the activities needed to implement the building acceptance testing activities. The acceptance representative may be a qualified employee or consultant of the owner. The individual serving as the acceptance representative shall be independent of the project design and construction management, though this individual may be an employee of a firms providing those services.~~

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## BSR/UL 13, Standard for Safety for Power-Limited Circuit Cables

### 1. Revision to Section 9 - Individual Covering

#### 9 Individual Covering

##### 9.1 Individual covering

9.1.1 9.4 An individual covering shall comply with Table 9.1.

##### 9.2 Overall covering

9.2.1 The core, any group of conductors, or several groups within the core may be bound by a non-metallic covering. No other details of the covering are specified.

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## BSR/UL 305, Standard for Safety for Panic Hardware

2.1.5 The actuating bar, also called the push pad or cross bar, shall extend across not less than one half of the width of the door leaf. Balanced doors with panic hardware shall have push-pad type panics, and the pad shall not extend more than one-half the width of the door measured from the latch side. Refer to local codes for location and length of activating bar or pads.

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## BSR/UL 634, Standard for Connectors and Switches for Use with Burglar-Alarm Systems

### 1. Revision of Marking Instructions

(NEW)

42.1.1 All required markings are permitted to be marked on the inside of the unit or on the units mounting surface if the marking is visible when the product is opened for servicing or removed from the mounting surface.

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## BSR/UL 827, Standard for Central-Station Alarm Services

### 1. Central Station Glossary Definition

#### PROPOSAL

3.2.6 CENTRAL-STATION - A building or distributed group of buildings or enclosed area within a building that houses an operating room and / or equipment used to provide central-station service to protected properties.

### 2. Storage Battery Testing

#### PROPOSAL

9.10.3 Storage batteries that are intended to supply 24 hours of standby power shall be tested ~~monthly by a 30-minute~~ with a normal operating load discharge test either:

- a) For 30 minutes every 30 consecutive days; or
- b) On a frequency established by the battery manufacturer.

The average voltage per cell shall not be permitted to drop below the manufacturer's recommended level.

### 3. Portable Water Sheds - Elaboration

#### PROPOSAL

6.3.1 A water shed shall be installed over any equipment that is sensitive to water damage if there is a possibility of water damage from overhead, such as the discharging of a sprinkler head. The water shed may be ~~permanent~~ a fixed-in-place deflector, an enclosed rack designed to deflect water from the equipment, or may be a movable waterproof cover or shield installed next to the equipment so that it can be immediately positioned by one person to protect the equipment. A movable waterproof cover shall only be used in a ~~manned~~ staffed station. When staff is not always in the same room as the equipment and the source of water is a pre-action sprinkler system, the discharge of the sprinkler shall be annunciated to designated personnel trained in the implementation of a written operating procedure for rapidly positioning the water shed.

### 4. Engine Driven Generators, 9.12.11

#### PROPOSAL

9.12.11 Each engine-driven generator used by a central station shall be operated weekly under load by disconnecting the normal supply to the system for a continuous period of at least 30 minutes. This operation shall be performed at a definite scheduled time each week with a record retained of the test and results. tested under normal maximum load or through the use of a load bank that has been sized based on the information described in 9.12.13 by one of the following schedules:

a) Operated for a period of 30 continuous minutes at a scheduled time every 7 consecutive days; or

b) Where the installation of the generator complies with the Standard for Emergency and Standby Power Systems, NFPA 110 for a period of 30 continuous minutes at a scheduled time every 30 consecutive days.

In either case, a record of the test and results shall be created and maintained for a minimum period of 12 months.

*Exception: An engine-driven generator at a subsidiary station may be tested monthly. See 11.10.*

## 5. UPS Standby Power Testing, 9.14.3 and 9.14.4

### PROPOSAL

9.14.3 A UPS that is intended to supply 24 hours of standby power shall be tested monthly by using it to supply its intended load either:-

a) For 30 minutes every 30 consecutive days; or

b) On a frequency established by the manufacturer of the batteries connected to the UPS.

A record shall be kept of the test and the results for a minimum period of 12 months.

9.14.4 A UPS that is intended to supply 4 hours or 15 minutes of standby power shall be tested monthly by using it to supply its intended load either:-

a) For 5 minutes every 30 consecutive days; or

b) On a frequency established by the manufacturer of the batteries connected to the UPS.

A record shall be kept of the test and the results for a minimum period of 12 months.

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**BSR/UL 1468, Standard for Safety for Direct Acting Pressure Reducing and Pressure Restricting Valves, UL 1468, are being proposed:**

25.1 A valve shall withstand for 4 5 minutes without rupture an internal hydrostatic test pressure of four times the rated inlet pressure when tested as specified in 25.2. If separate tests for the inlet and outlet side are needed as specified in 25.2, the outlet side shall be tested at five times the maximum static outlet pressure indicated in the installation and operating instructions. In addition, there shall be no leakage through the castings or other evidence of structural weakness. Leakage at joints is acceptable.

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