

## Contents

### American National Standards

<b>Call for Comment on Standards Proposals</b> .....	<b>2</b>
<b>Call for Members (ANS Consensus Bodies)</b> .....	<b>12</b>
<b>Final Actions</b> .....	<b>13</b>
<b>Project Initiation Notification System (PINS)</b> .....	<b>15</b>
<b>ANS Maintained Under Continuous Maintenance</b> .....	<b>17</b>
<b>ANSI-Accredited Standards Developers Contact Information</b> .....	<b>18</b>

### International Standards

<b>ISO and IEC Draft Standards</b> .....	<b>20</b>
<b>ISO and IEC Newly Published Standards</b> .....	<b>24</b>

<b>Proposed Foreign Government Regulations</b> .....	<b>26</b>
<b>Information Concerning</b> .....	<b>27</b>

## 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: December 21, 2014

**BPI (Building Performance Institute)**

**30-Day Public Comment Period: Announcement of Limited Substantive Changes to an Approved**

### **American National Standard**

ANSI/BPI 2400-S-2012, Standard Practice for Standardized Qualification of Whole-House Energy Savings Predictions by Calibration to Energy Use History

Public review is limited to the revisions shown in the linked attachment.

Specifies the requirements and process for the calculation of standardized predicted savings: a difference (delta simulation) between the modeled energy usage before an energy upgrade (or set of upgrades) and modeled energy use after an upgrade (or set of upgrades), using approved building energy simulation software. Applies to existing detached single-family dwellings and townhouses that meet specific criteria. Note: For download and to submit comments access the link at [www.bpi.org](http://www.bpi.org).

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

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Susan Carson, (877) 274-1274, [scarson@bpi.org](mailto:scarson@bpi.org); [standards@bpi.org](mailto:standards@bpi.org)

## Comment Deadline: December 21, 2014

### IIAR (International Institute of Ammonia Refrigeration)

#### Revision

BSR/IIAR 2-201x, Standard for the Safe Design of Closed-Circuit Ammonia Refrigeration Systems (revision of ANSI/IIAR 2-2008)

This public review is concurrent with BSR/IIAR 2-201x, public review 3, to correct an error in public review 3. The entire standard is being revised and shall provide the minimum requirements for the application and design of ammonia refrigeration systems.

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Eric Smith, (703) 312-4200, [eric.smith@iiar.org](mailto:eric.smith@iiar.org)

### NSF (NSF International)

#### Revision

BSR/NSF 50-201x (i74r4), Equipment for Swimming Pools, Spas, Hot Tubs and Other Recreational Water Facilities (revision of ANSI/NSF 50-2014)

This Standard covers materials, components, products, equipment and systems, related to public and residential recreational water facility operation.

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Mindy Costello, (734) 827-6819, [mcostello@nsf.org](mailto:mcostello@nsf.org)

### NSF (NSF International)

#### Revision

BSR/NSF 140-201x (i26r2), Sustainability Assessment for Carpet (revision of ANSI/NSF 140-2013)

This sustainability standard is intended to enable organizations throughout the carpet supply chain to apply performance requirements to achieve sustainable attributes and demonstrate compliance with levels of achievement through quantifiable metrics. While this Standard can be used on any carpet product, it is intended to be used for evaluation of commercial carpet products by providing a product evaluation methodology that is additive to emerging commercial green building standards. This Standard does not apply to the packaging of sustainable carpets or to the adhesive or padding products used in the installation of carpet products.

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Mindy Costello, (734) 827-6819, [mcostello@nsf.org](mailto:mcostello@nsf.org)

### TIA (Telecommunications Industry Association)

#### Supplement

BSR/TIA 968-B-2-201x, Telecommunications - Telephone Terminal Equipment - Technical Requirements for Connection of Terminal Equipment to the Telephone Network - Addendum 2 (supplement to ANSI/TIA 968-B-1-2012)

This Standard specifies technical criteria for terminal equipment approved in accordance with Title 47 of the U.S. Code of Federal Regulations (47 C.F.R.), Part 68 for direct connection to the public switched telephone network, including private line services provided over wireline facilities owned by providers of wireline telecommunications. This addendum adds a new sub-clause specifying the use of an acoustic stimulus signal when testing analog telephones having electroacoustic transducers for live voice input for compliance with out-of-band emissions and in-band longitudinal signal requirements.

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

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

### UL (Underwriters Laboratories, Inc.)

#### Revision

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

(1) Inclusion of low-voltage LED wire.

[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)

## Comment Deadline: January 5, 2015

#### Revision

BSR/EIA 364-105B-201x, Altitude - Low Temperature Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364-105-A-2008)

This standard establishes a test method to simulate actual service usage by inducing low temperatures and applying the test voltage at simulated altitudes.

Single copy price: \$67.00

Obtain an electronic copy from: [global.ihs.com](http://global.ihs.com) (877) 413-5184

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Edward Mikoski, (571) 323-0253, [emikoski@ecianow.org](mailto:emikoski@ecianow.org)

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

#### Revision

BSR/AAMI/ISO 10993-6-201x, Biological evaluation of medical devices - Part 6: Tests for local effects after implantation (revision of ANSI/AAMI/ISO 10993-6-2007 (R2014))

This part of ISO 10993 specifies test methods for the assessment of the local effects after implantation of biomaterials intended for use in medical devices.

Single copy price: Free

Obtain an electronic copy from: [https://standards.aami.org/kws/groups/PUBLIC\\_REV/download/4735/ISO\\_DIS\\_10993-6\\_%28E%29.pdf](https://standards.aami.org/kws/groups/PUBLIC_REV/download/4735/ISO_DIS_10993-6_%28E%29.pdf)

Order from: Susan Gillespie, (703) 525-4890, [sgillespie@aami.org](mailto:sgillespie@aami.org)

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

### API (American Petroleum Institute)

#### New Standard

BSR/API RP 1173-201x, Pipeline Safety Management Systems (new standard)

This recommended practice (RP) establishes a framework of pipeline safety management systems for organizations that operate hazardous liquids and gas pipelines jurisdictional to the US DOT. This RP provides pipeline operators with safety management system requirements that when applied provide a framework to reveal and manage risk, promote a learning environment, and continuously improve pipeline safety and integrity. This RP provides a comprehensive framework and defines the elements needed to identify and address safety for a pipeline's lifecycle.

Single copy price: \$100.00

Obtain an electronic copy from: [baniake@api.org](mailto:baniake@api.org)

Order from: Edmund Baniak, (202) 682-8135, [baniake@api.org](mailto:baniake@api.org)

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

**ASA (ASC S12) (Acoustical Society of America)****New Standard**

BSR ASA S12.70-201x, Criteria for Evaluating Speech Privacy in Health Care Facilities (new standard)

Provides acoustical performance criteria, design requirements, and design guidelines to meet the speech privacy needs for both new design and retrofits of health care facilities. Provides a method for selecting speech privacy goals based on occupant needs, by type of space and use; design requirements and guidelines for developing a strategy for the architectural design and acoustical materials selection; and a method for verifying and analyzing speech privacy design performance.

Single copy price: \$120.00

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

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

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

**ASABE (American Society of Agricultural and Biological Engineers)****Reaffirmation**

BSR/ASABE AD23205:2006 FEB2010 (R201X), Agricultural tractors - Instructional seat (reaffirmation of ANSI/ASABE AD23205-2010)

Specifies the minimum design and performance requirements for an instructional seat and restraint designed for limited use by a trainer, trainee, or service person inside the enclosed cab of an agricultural tractor or self-propelled machinery for agriculture, except where such requirements are specified in a machine-specific standard.

Single copy price: \$55.00

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

**ASABE (American Society of Agricultural and Biological Engineers)****Reaffirmation**

BSR/ASABE S598-JAN2010 (R201x), Procedure for Sampling, Measuring and Reporting Commingled Crop in Combine Harvest of a Subsequent Crop (reaffirmation of ANSI/ASABE S598-2010)

This standard establishes a method to estimate the percentage of commingled grain or seed from a previously harvested crop present in that of the next crop subsequently harvested by a combine harvester.

Single copy price: \$55.00

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

**ASABE (American Society of Agricultural and Biological Engineers)****Reaffirmation**

BSR/ASABE S599-NOV2010 (R201x), Standardized Deployment Performance of an Automatically Deployable ROPS for Turf & Landscape Equipment (reaffirmation of ANSI/ASABE S599-2010)

The purpose of this Standard is to establish the performance requirements of an automatically deployable protective structure for ride-on turf and landscape equipment.

Single copy price: \$55.00

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

**ASABE (American Society of Agricultural and Biological Engineers)****Reaffirmation**

BSR/ASABE S607-OCT2007 (R201x), Ventilating Manure Storages to Reduce Entry Risk (reaffirmation of ANSI/ASABE S607-2010)

Specifies forced-ventilation times required to evacuate contaminant gases (H<sub>2</sub>S, CH<sub>4</sub>, and CO<sub>2</sub>) from on-farm, confined-space, manure storages with either solid, totally slotted or partially slotted covers to concentrations below American Conference of Governmental Industrial Hygienists (ACGIH) recommended 8-hr. Threshold Limit Values (TLV's).

Single copy price: \$55.00

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

**ASABE (American Society of Agricultural and Biological Engineers)****Reaffirmation**

BSR/ASAE EP378.4-JUN2010 (R201x), Floor and Suspended Loads on Agricultural Structures Due to Use (reaffirmation of ANSI/ASAE EP378.4-2010)

This Engineering Practice presents probable floor and suspended loads, due to building use, and methods of applying the loads in building design. It includes recommended design loads resulting from livestock, suspended caged poultry, vehicles, and manure stored on a floor. It does not include loads on manure storages, or wind and snow loads, or building design loads covered by ANSI/ASCE-7.

Single copy price: \$55.00

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

**ASABE (American Society of Agricultural and Biological Engineers)****Reaffirmation**

BSR/ASAE EP389.2-JUN1993 (R201X), Auger Flighting Design Considerations (reaffirmation of ANSI/ASAE EP389.2-JAN94 (R2010))

This Engineering Practice is a guide for designing conveyor augers using steel helicoid flighting and for specifying helicoid flighting as generally used in agricultural equipment.

Single copy price: \$55.00

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

**ASABE (American Society of Agricultural and Biological Engineers)****Reaffirmation**

BSR/ASAE EP545-MAR1995 (R201X), Loads Exerted by Free-Flowing Grain on Shallow Storage Structures (reaffirmation of ANSI/ASAE EP545-FEB96 (R2010))

This Engineering Practice presents methods of estimating the grain pressures within shallow storage structures used to store free-flowing, agricultural whole grains.

Single copy price: \$55.00

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

**ASABE (American Society of Agricultural and Biological Engineers)****Reaffirmation**

BSR/ASAE EP559.1 w/Corr. 1 AUG2010 (R201X), Design Requirements and Bending Properties for Mechanically-Laminated Wood Assemblies (reaffirmation of ANSI/ASAE EP559.1-2010)

Establishes guidelines for designing and calculating allowable bending properties of mechanically laminated wood assemblies used as structural members.

Single copy price: \$55.00

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

**ASABE (American Society of Agricultural and Biological Engineers)****Reaffirmation**

BSR/ASAE S323.2-JUN1983 (R201x), Definitions of Powered Lawn and Garden Equipment (reaffirmation of ANSI/ASAE S323.2-MAY89 (R2009))

The purpose of this Standard is to classify and define various types of machines and terms so that these definitions may be used in future ASAE Standards and to aid in clear-cut communication.

Single copy price: \$55.00

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

**ASABE (American Society of Agricultural and Biological Engineers)****Reaffirmation**

BSR/ASAE S331.5-MAR1995 (R201x), Implement Power Take-Off Driveline Specifications (reaffirmation of ANSI/ASAE S331.5-DEC82 (R2010))

Establishes eight categories of universal joint drivelines with two subsets of connecting members each, one heavy duty, HD, and one regular duty, RD. The intended use of the drivelines is between tractor power take-off shafts and implement input shafts, or any universal joint application within the implement. The universal joint driveline from the tractor power take-off shaft to the implement shaft is considered a part of the implement.

Single copy price: \$55.00

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

**ASABE (American Society of Agricultural and Biological Engineers)****Reaffirmation**

BSR/ASAE S362.2-JAN1993 (R201x), Wiring and Equipment for Electrically Driven or Controlled Irrigation Machines (reaffirmation of ANSI/ASAE S362.2-APR88 (R2009))

Provides detailed information for the application of electrical apparatus to electrically driven or controlled irrigation machines. The purpose of this Standard is to improve the degree of personal safety in operation and application of products and materials under a reasonable range of conditions. This Standard covers all electrical equipment, apparatus, components, and wiring necessary for electrically driven or controlled irrigation machines, from the point of connection of electric power to the machine. Provisions of this Standard apply to electrical equipment for use on circuits operating at voltages between 30 and 600 V.

Single copy price: \$55.00

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

**ASABE (American Society of Agricultural and Biological Engineers)****Reaffirmation**

BSR/ASAE S366.2-MAY2004 (ISO 5675:1992) (R201X), Agricultural tractors and machinery - General purpose quick-action hydraulic couplers (reaffirmation of ANSI/ASAE S366.2 JUN04/ISO 5675:1992 (R2009))

This standard specifies the essential interface dimensions and the operating requirements for hydraulic couplers employed to transmit hydraulic power from agricultural tractors to agricultural machinery and is identical to the ISO standard scope except for the inclusion of: (1) The 15-degree angle to accommodate dust protection; (2) Detailed location for the couplings on the tractor; and (3) All of the coupler performance specifications.

Single copy price: \$55.00

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

**ASABE (American Society of Agricultural and Biological Engineers)****Reaffirmation**

BSR/ASAE S377-DEC1974 (R201x), Application of Remote Linear Control Devices to Lawn and Garden Ride-on Tractor Attachments and Implements (reaffirmation of ANSI/ASAE S377-APR90 (R2009))

The purpose of this Standard is to establish common mounting and clearance dimensions for remote linear control devices as applied to lawn and garden ride-on tractor attachments and implements with such other specifications as are necessary to accomplish the following objectives: (1) To permit use of any make or model of attachment or implement adapted for control by a remote linear control device; (2) To facilitate changing the remote linear control device from one attachment or implement to another.

Single copy price: \$55.00

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

**ASABE (American Society of Agricultural and Biological Engineers)****Reaffirmation**

BSR/ASAE S392.2-APR2005 (R201x), Cotton Module Builder and Transporter Standard (reaffirmation of ANSI/ASAE S392.2-2005 (R2010))

Provides uniform equipment size guidelines for manufacturers that produce cotton module builders and transporters. Standardization will allow harvesting equipment, module builders, transporters, and module covers from various manufacturers to be used compatibly throughout the cotton industry and so avoid problems caused by incompatible equipment dimensions. This Standard also promotes consideration of safety in equipment operation and transport, and in the transporting of seed cotton modules on highways.

Single copy price: \$55.00

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

**ASABE (American Society of Agricultural and Biological Engineers)****Reaffirmation**

BSR/ASAE S418.1-OCT2010 (R201x), Dimensions for Cylindrical Hydraulic Couplers for Lawn and Garden Tractors (reaffirmation of ANSI/ASAE S418.1-2010)

The purpose of this Standard is to establish interface dimensions of cylindrical hydraulic couplers frequently used by the equipment industry to connect hydraulic remote cylinders and other hydraulic devices to lawn and garden tractors and to permit interchangeable use of remote cylinders and other hydraulic devices on different makes of tractors when designed for this use.

Single copy price: \$55.00

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

**ASABE (American Society of Agricultural and Biological Engineers)****Reaffirmation**

BSR/ASAE S522.1-JAN2005 (ISO 5674:2004) (R201X), Tractors and machinery for agricultural and forestry - Guards for power take-off (PTO) drive shafts - Strength and wear tests and acceptance criteria (reaffirmation of ANSI/ASAE S522.1-JAN05 (ISO 5674-2004))

This standard specifies laboratory tests for determining the strength and wear resistance of guards for power take-off (PTO) drive-shafts on tractors and machinery used in agriculture and forestry, and their acceptance criteria. It is intended to be used in combination with ASAE S207. It is applicable to the testing of PTO drive-shaft guards and their restraining means. It is not applicable to the testing of guards designed and constructed to be used as steps.

Single copy price: \$55.00

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

**ASABE (American Society of Agricultural and Biological Engineers)****Reaffirmation**

BSR/ASAE S355.4 OCT2010 (R201x), Safety Practices for Agricultural Front-End Loaders (reaffirmation of ANSI/ASAE S355.4-2010)

This Standard provides a uniform method of warning owners, bystanders, and operators of the potential hazards encountered in the operation and servicing of agricultural tractors equipped with agricultural front-end loaders. The Standard emphasizes that hazard control and accident prevention are dependent upon the awareness, concern, and prudence of personnel involved in the operation, transport, and maintenance of equipment. Annex A includes safe practice messages to enhance safety in the operation and servicing of such equipment.

Single copy price: \$55.00

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

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

BSR/ASME BPVC Section XI-201x, Rules for Inservice Inspection of Nuclear Power Plant Components (revision of ANSI/ASME BPVC Section XI-2013)

This Code provides requirements for in-service inspection and testing of light-water cooled nuclear power plants. The requirements identify the areas subject to inspection, responsibilities, provisions for accessibility and inspect ability, examination methods, and procedures, personnel qualifications, frequency of inspection, record keeping and report requirements, procedures for evaluation of inspection results and subsequent disposition of results of evaluations, and repair/replacement activity requirements, including procurement, design, welding, brazing, defect removal, fabrication, installation, examination, and pressure testing.

Single copy price: Free

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

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Ryan Crane, (212) 591-7004, [craner@asme.org](mailto:craner@asme.org)

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

BSR/ATIS 1000113-201x, Signaling System No. 7 (SS7) - Integrated Service Digital Network (ISDN) User Part (revision of ANSI ATIS 1000113-2005 (R2010))

The Integrated Services Digital Network (ISDN) User Part defines the protocol that supports the signaling functions required to provide voice and non-voice services in an Integrated Services Digital Network. This standard is based on the Specification of Signaling System No. 7 for international use issued by ITU-T Study Group 11 in the year 2000 and subsequent amendments. This standard is based on and uses, where applicable, the same signaling procedures, parameters, and message types as the internationally specified ISDN User Part of the ITU-T Signaling System No.7.

Single copy price: \$590.00

Obtain an electronic copy from: [kconn@atis.org](mailto:kconn@atis.org)

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

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

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

BSR/ATIS 1000679-201x, Interworking between Session Initiation Protocol (SIP) and Bearer Independent Call Control or ISDN User Part (revision of ANSI ATIS 1000679-2013)

This Standard defines the singling and interworking between the Bearer Independent Call Control (BICC) or ISDN User Part (ISUP) protocols and SIP in order to support services that can be commonly supported by BICC or ISUP and SIP-based network domains.

Single copy price: \$330.00

Obtain an electronic copy from: [kconn@atis.org](mailto:kconn@atis.org)

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

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

**CSA (CSA Group)****New Standard**

BSR/CSA/NGV 5.1-2014, Residential Fueling Appliance (new standard)

This standard details mechanical and electrical requirements for newly manufactured systems that dispense natural gas for vehicles directly into the vehicle fuel storage container and are installed in non-commercial/non-public locations. This standard does not apply to the nozzle, hose assemblies, and connection devices associated with such equipment.

Single copy price: Free

Obtain an electronic copy from: [david.zimmerman@csagroup.org](mailto:david.zimmerman@csagroup.org)

Order from: David Zimmerman, (216) 524-4990, [david.zimmerman@csagroup.org](mailto:david.zimmerman@csagroup.org)

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

**CSA (CSA Group)****Revision**

BSR Z83.4-201x, Non-Recirculating Direct Gas-Fired Industrial Air Heater (same as CSA 3.7) (revision of ANSI Z83.4-2012)

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

Single copy price: Free

Obtain an electronic copy from: [david.zimmerman@csagroup.org](mailto:david.zimmerman@csagroup.org)

Order from: David Zimmerman, (216) 524-4990, [david.zimmerman@csagroup.org](mailto:david.zimmerman@csagroup.org)

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

**CSA (CSA Group)****Revision**

BSR Z83.18-201x, Recirculating Direct Gas-Fired Industrial Air Heaters (revision of ANSI Z83.18-2012)

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

Single copy price: Free

Obtain an electronic copy from: [david.zimmerman@csagroup.org](mailto:david.zimmerman@csagroup.org)

Order from: David Zimmerman, (216) 524-4990, [david.zimmerman@csagroup.org](mailto:david.zimmerman@csagroup.org)

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

**CSA (CSA Group)****Revision**

BSR Z83.25-201x, Direct Gas-Fired Process Air Heaters (same as CSA 3.19) (revision of ANSI Z83.25-2008 (R2013) and ANSI Z83.25a-2012)

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

Single copy price: Free

Obtain an electronic copy from: [david.zimmerman@csagroup.org](mailto:david.zimmerman@csagroup.org)

Order from: David Zimmerman, (216) 524-4990, [david.zimmerman@csagroup.org](mailto:david.zimmerman@csagroup.org)

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

**ECA (Electronic Components Association)****New Standard**

BSR/EIA 757-A-201x, Visual and Mechanical Inspection for Molded SMT Solid Tantalum Capacitors (new standard)

This document covers the general industry inspection requirements for molded-surface-mount tantalum capacitors with solid electrolyte.

Single copy price: \$66.00

Obtain an electronic copy from: [global.ihs.com](http://global.ihs.com) 1-800-854-7179

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

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Edward Mikoski, (571) 323-0253, [emikoski@ecianow.org](mailto:emikoski@ecianow.org)

**IESO (Indoor Environmental Standards Organization)*****New Standard***

BSR/IESO/ASHRAE Standard 3210-201x, Standard Guide for the Assessment of Educational Facilities for Moisture Affected Areas and Fungal Contamination (new standard)

This standard provides standardized procedures to be utilized in non-invasive assessment(s) of educational facilities for moisture-affected areas and suspected fungal contamination or adverse conditions associated with observable fungal amplification. The scope of an assessment will vary with the nature and extent of the building stakeholders' concerns and the significance and known facts of the moisture problem and the suspect fungal impact. The assessment process in this standard includes, but is not limited to, preliminary information gathering, documentation of relevant chronological events, on-site assessment(s), project documentation, and reporting.

Single copy price: \$35.00

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

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

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

**ITSDF (Industrial Truck Standards Development Foundation, Inc.)*****New Standard***

BSR/ITSDF B56.11-8-201X, Safety Standard for Seat Belt (Lap-Type) Anchorage Systems for Powered Industrial Trucks (new standard)

This procedure provides the performance and testing requirements for anchorage systems of lap-type belts (seat belts) provided with counterbalanced, center control, high lift trucks that have a sit-down, non-elevating operator.

Single copy price: Free

Obtain an electronic copy from: [itsdf@earthlink.net](mailto:itsdf@earthlink.net)

Order from: Chris Merther, (202) 296-9880, [itsdf@earthlink.net](mailto:itsdf@earthlink.net)

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

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

BSR NEMA WC 75-201x, Standard for Controlled Impedance in Internal Electrical Cable (new standard)

This Standards Publication was developed to cover specific requirements for finished cables with controlled impedance twisted pair(s). This standard uniquely enables a user to specify various numbers of pairs (1 - 61) with a required Impedance requirement, and tailor the materials to meet a specific end application. The cables are intended for wiring of electrical equipment.

Single copy price: \$75.00

Obtain an electronic copy from: <https://standards.nema.org/kws/groups/AN08-PCI-SC/download/11678/WC%2075%20-%20Controlled%20Impedance%2C%2020141104.doc>

Order from: Ryan Franks, (703) 841-3271, [ryan.franks@nema.org](mailto:ryan.franks@nema.org)

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

**NEMA (ASC C8) (National Electrical Manufacturers Association)*****Revision***

BSR NEMA WC 27500-201x, Standard for Aerospace and Industrial Electrical Cable (revision of ANSI NEMA WC 27500-2011)

This standard contains requirements for finished cables. Component wires are covered by other referenced standards. These cables are intended for signal and low-voltage power applications with defined environment or temperature conditions found in commercial aircraft, military aircraft, and high-performance vehicles.

Single copy price: \$105.00

Obtain an electronic copy from: <https://standards.nema.org/kws/groups/07HW-L-V/download.php/11680/WC%2027500-2014%2020141104.doc>

Order from: Ryan Franks, (703) 841-3271, [ryan.franks@nema.org](mailto:ryan.franks@nema.org)

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

**NSF (NSF International)*****New Standard***

BSR/NSF 358-3-201x (i1r1), Cross-linked Polyethylene (PEX) Pipe and Fittings for Water-Based Ground Source (Geothermal) Heat Pump Systems (new standard)

The physical and performance requirements in this Standard apply to plastic piping system components as well as non-plastic components of the ground loop heat exchanger including but not limited to cross-linked polyethylene (PEX) pipes and fittings used in water-based ground-source heat pump systems. This standard does not cover refrigerant-based ground loop heat exchangers such as direct expansion (DX) systems. This Standard does not cover hydronic heating or cooling systems within buildings.

Single copy price: Free

Obtain an electronic copy from: [http://standards.nsf.org/apps/group\\_public/document.php?document\\_id=25826&wg\\_abbrev=wwt\\_jc](http://standards.nsf.org/apps/group_public/document.php?document_id=25826&wg_abbrev=wwt_jc)

Order from: Mindy Costello, (734) 827-6819, [mcostello@nsf.org](mailto:mcostello@nsf.org)

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

**NSF (NSF International)*****New Standard***

BSR/NSF 416-201x (i2r1)), Sustainability Assessment for Water Treatment Chemical Products (new standard)

This sustainability standard establishes a consistent approach to the evaluation and determination of environmentally preferable and sustainable chemical processes for water treatment chemical products. Many of these water-treatment chemicals are used for public health protection. The document includes relevant criteria across the product(s) life cycle from raw material extraction through manufacturing, use, and end-of-life management.

Single copy price: Free

Obtain an electronic copy from: [http://standards.nsf.org/apps/group\\_public/document.php?document\\_id=26277&wg\\_abbrev=ws\\_chemicals](http://standards.nsf.org/apps/group_public/document.php?document_id=26277&wg_abbrev=ws_chemicals)

Order from: Mindy Costello, (734) 827-6819, [mcostello@nsf.org](mailto:mcostello@nsf.org)

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



**RVIA (Recreational Vehicle Industry Association)****Revision**

BSR A119.5-201x, Recreational Park Trailer Standard (revision of ANSI A119.5-2009)

This standard covers the fire and life safety criteria and plumbing for Recreational Park Trailers considered necessary to provide a reasonable level of protection from loss of life from fire and explosion. It reflects situations and the state of the art prevalent at the time the Standard was issued.

Single copy price: Free

Obtain an electronic copy from: [ggore@rvia.org](mailto:ggore@rvia.org)

Order from: Gatie Gore, RVIA, 1896 Preston White Drive, Reston, VA 20191

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Kent Perkins, (703) 620-6003, [kperkins@rvia.org](mailto:kperkins@rvia.org)

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

BSR/TAPPI T 1007 sp-2015, Sample location for fiber glass mat sheets (revision of ANSI/TAPPI T 1007 sp-2010)

This practice covers the location from which samples are taken from a sheet of fiber glass mat used as a sample test unit for physical property determination.

Single copy price: Free

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

Order from: Charles Bohanan, (770) 209-7276, [standards@tappi.org](mailto:standards@tappi.org)

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

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

BSR/UL 60745-2-16-2009 (R201x), Standard for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-16: Particular Requirements for Tackers (reaffirmation of ANSI/UL 60745-2-16-2009)

(1) Reaffirmation and continuance of the second edition of the Standard for Hand-Held Motor-Operated Electric Tools - Safety - Part 2-16: Particular Requirements for Tackers, UL 60745-2-16, as an American National Standard.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

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

BSR/UL 464-201X, Standard for Safety for Audible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories (revision of ANSI/UL 464-2012)

New proposed 10th edition of UL 464, a binational standard with requirements for the U.S. and Canada covering electrically operated bells, sirens, horns, and similar audible signaling devices, rated at 300 V or less, for fire alarm and signaling systems and intended for indoor and/or outdoor installation in accordance with CSA C22.1, Canadian Electrical Code, Part I, CAN/ULC-S524; Installation of Fire Alarm Systems; the National Electrical Code, NFPA 70; and the National Fire Alarm and Signaling Code, NFPA 72.

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: Paul Lloret, (408) 754-6618, [Paul.E.Lloret@ul.com](mailto:Paul.E.Lloret@ul.com)

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

BSR/UL 1480-201X, Standard for Safety for Speakers for Fire Alarm and Signaling Systems, Including Accessories (revision of ANSI/UL 1480-2012)

New proposed 6th edition of UL 1480, is a binational standard with requirements for the U.S. and Canada covering speakers, rated at 300 V or less, for fire alarm and signaling systems and intended for indoor and/or outdoor installation in accordance with CSA C22.1, Canadian Electrical Code, Part I; Safety Standard for Electrical Installations; and the National Electrical Code, 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: Paul Lloret, (408) 754-6618, [Paul.E.Lloret@ul.com](mailto:Paul.E.Lloret@ul.com)

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

BSR/UL 1638-201X, Standard for Safety for Visible Signaling Devices for Fire Alarm and Signaling Systems, Including Accessories (revision of ANSI/UL 1638-2008 (R2013))

New proposed 5th edition of UL 1638, a binational standard with requirements for the U.S. and Canada covering electrically operated visual signaling appliances, rated 300 volts or less, intended for indoor locations and outdoor locations in accordance with CSA C22.1, Canadian Electrical Code, Part I; CAN/ULC-S524, Installation of Fire Alarm Systems; the National Electrical Code, NFPA 70; and the National Fire Alarm and Signaling Code, NFPA 72.

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: Paul Lloret, (408) 754-6618, [Paul.E.Lloret@ul.com](mailto:Paul.E.Lloret@ul.com)

## Comment Deadline: January 20, 2015

### ASME (American Society of Mechanical Engineers)

#### Reaffirmation

BSR/ASME B89.4.19-2006 (R201x), Performance Evaluation of Laser Based Spherical Coordinate Measurement Systems (reaffirmation of ANSI/ASME B89.4.19-2006)

This Standard describes methods to specify and test the measurement performance of Laser Trackers, including both HeNe interferometers and Absolute Distance Measuring (ADM) systems.

Single copy price: \$42.00

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: Remington Richmond, (212) 591-8404, [richmondr@asme.org](mailto:richmondr@asme.org)

### UL (Underwriters Laboratories, Inc.)

#### Revision

BSR/UL 773A-201x, Standard for Safety for Nonindustrial Photoelectric Switches for Lighting Controls (revision of ANSI/UL 773A-2006 (R2011))

Requirements cover controls of the light or presence-sensitive types, or both; for indoor or outdoor service; intended for the control of loads up to a maximum of 20 A and maximum 347 V; installations on 50-Hz or 60-Hz systems or DC up to 60 V; and intended to be installed in accordance with the NEC, NFPA 70, the CEC Part I, CSA C22.2 No. 0, and NOM 001 SEDE.

These requirements do not cover devices that are: locking type, used for area or roadway lighting fixtures; monitor or control safety critical loads or personal protection circuits; intended to be installed in areas designated hazardous locations; or intended to be installed for manufacturing process control.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: [www.comm-2000.com](http://www.comm-2000.com)

Order from: comm2000

Send comments (with copy to [psa@ansi.org](mailto:psa@ansi.org)) to: Anne Marie Jacobs, (919) 549-0954, [annemarie.jacobs@ul.com](mailto:annemarie.jacobs@ul.com)

## Projects Withdrawn from Consideration

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

### ASTM (ASTM International)

BSR/ASTM WK27885-201x, New Guide for Remote Control Devices Shipboard (new standard)

### ASTM (ASTM International)

BSR/ASTM WK27886-201x, New Specification for Cold Ironing (new standard)

### ASTM (ASTM International)

BSR/ASTM WK27887-201x, New Practice for Ventilation of Batteries Systems (new standard)

### ASTM (ASTM International)

BSR/ASTM WK28138-201x, New Specification for Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene Pressure System of Metric Sizes (new standard)

### ASTM (ASTM International)

BSR/ASTM WK28289-201x, New Guide for Design, Operation, Inspection and Maintenance of Oil Spill Response Vessels (OSRV) (new standard)

### ASTM (ASTM International)

BSR/ASTM WK29021-201x, New Guide for Tennis Court Playing Areas and Safety Zones (new standard)

### ASTM (ASTM International)

BSR/ASTM WK29085-201x, New Practice for Helmet Shop Practices (new standard)

### ASTM (ASTM International)

BSR/ASTM WK29203-201x, New Specification for Rethermalization Ovens (new standard)

### ASTM (ASTM International)

BSR/ASTM WK29237-201x, New Practice for the design calculations of close-fit liners (new standard)

### ASTM (ASTM International)

BSR/ASTM WK29879-201x, New Guide for the Laboratory Evaluation of Dirt Track Soil Material Used for Horse Racing (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK31050-201x, New Test Method for Establishing Surface Texture Effects of Sports Surface Playing Systems (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK31160-201x, New Specification for Analyzers used in Exhaust Gas Cleaning Systems (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK33089-201x, New Practice for the Design of Close-Fit Liners in a Pressure Application (new standard)

**ASTM (ASTM International)**

BSR/ASTM WK33596-201x, New Test Method to determine the flammability of mattress sets. (new standard)

**HL7 (Health Level Seven)**

BSR/HL7 CDAR2 PHMRPTS, R1-200x, HL7 Implementation Guide for CDA Release 2 - Level 3: Personal Healthcare Monitoring Reports, Release 1 (new standard)

## Correction

**BSR/NSF 3-A 14159-1-201x (i4r1)**

The Call-for-Comment listing in the November 14, 2014 Standards Action for BSR/NSF 3-A 14159-1-201x (i4r1) had an error. The project should have read as a (revision of ANSI/NSF 3-A 14159-1-2010).

# Call for Members (ANS Consensus Bodies)

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

## ASSE (ASC Z359) (American Society of Safety Engineers)

**Office:** 1800 East Oakton Street  
Des Plaines, IL 60018-2187

**Contact:** *Timothy Fisher*

**Phone:** (847) 768-3411

**Fax:** (847) 296-9221

**E-mail:** [TFisher@ASSE.org](mailto:TFisher@ASSE.org)

BSR ASSE Z359.19-201X, Requirements for Rigid Horizontal Rail Anchorage Systems (new standard)

## ECA (Electronic Components Association)

**Office:** 2214 Rock Hill Road  
Suite 170  
Herndon, VA 20170-4212

**Contact:** *Laura Donohoe*

**Phone:** (571) 323-0294

**Fax:** (571) 323-0245

**E-mail:** [ldonohoe@ecianow.org](mailto:ldonohoe@ecianow.org)

BSR/EIA 198-3-10-201x, Multilayer (Monolithic), Unencapsulated, Ceramic Dielectric, Surface-Mount Low Inductance Chip Capacitors and Multi-Terminal Low Inductance Capacitors (new standard)

Obtain an electronic copy from: [global.ihs.com](http://global.ihs.com) (800) 854-7179

BSR/EIA 296-F-201x, Lead Taping of Components in Axial Lead Configuration for Automatic Handling (new standard)

BSR/EIA 364-15B-201x, Contact Strength Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-15A-2006 (R2012))

BSR/EIA 975-201x, Specification for Mini Multilane 10 Gb/s 4X Unshielded Receptacle Shell and Plug (new standard)

Obtain an electronic copy from: [global.ihs.com](http://global.ihs.com) (877) 413-5184

BSR/EIA 976-201x, Specification for Mini Multilane 10 Gb/s 4X Shielded Receptacle Shell and Plug (new standard)

Obtain an electronic copy from: [global.ihs.com](http://global.ihs.com) (877) 413-5184

## LIA (ASC Z136) (Laser Institute of America)

**Office:** 13501 Ingenuity Drive  
Suite 128  
Orlando, FL 32826

**Contact:** *Barbara Sams*

**Phone:** (407) 380-1553

**Fax:** (407) 380-5588

**E-mail:** [bsams@lia.org](mailto:bsams@lia.org)

BSR Z136.9-201x, Standard for Safe Use of Lasers in Manufacturing Environments (revision of ANSI Z136.9-2013)

## NSF (NSF International)

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

**Contact:** *Mindy Costello*

**Phone:** (734) 827-6819

**Fax:** (734) 827-7875

**E-mail:** [mcostello@nsf.org](mailto:mcostello@nsf.org)

BSR/NSF 14-201x (i69r1), Plastics piping system components and related materials (revision of ANSI/NSF 14-2014)

BSR/NSF 140-201x (i25r3), Sustainability Assessment for Carpet (revision of ANSI/NSF 140-2013)

BSR/NSF 140-201x (i28r1), Sustainability Assessment for Carpet (revision of ANSI/NSF 140-2013)

## TIA (Telecommunications Industry Association)

**Office:** 1320 North Courthouse Road  
Suite 200  
Arlington, VA 22201

**Contact:** *Teesha Jenkins*

**Phone:** (703) 907-7706

**Fax:** (703) 907-7727

**E-mail:** [standards@tiaonline.org](mailto:standards@tiaonline.org)

BSR/TIA 102.BAJC-A-201x, Tier 2 Location Services Specification (new standard)

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

BSR/TIA 862-B-201x, Structured Cabling Infrastructure Standard for Intelligent Building Systems (revision and redesignation of ANSI/TIA 862-A-2011)

Obtain an electronic copy from: TIA

## UL (Underwriters Laboratories, Inc.)

**Office:** 1285 Walt Whitman Road  
Melville, NY 11747-3081

**Contact:** *Edward Minasian*

**Phone:** (631) 546-3305

**Fax:** (631) 439-6757

**E-mail:** [Edward.D.Minasian@ul.com](mailto:Edward.D.Minasian@ul.com)

BSR/UL 5C-2010 (R201x), Standard for Safety for Surface Raceways and Fittings for Use with Data, Signal, and Control Circuits (reaffirmation of ANSI/UL 5C-2010)

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

# Final Actions on American National Standards

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

## **ABMA (ASC B3) (American Bearing Manufacturers Association)**

### ***New National Adoption***

ANSI/ABMA/ISO 104:2014, Rolling bearings - Thrust bearings - Boundary dimensions, general plan (identical national adoption of ISO 104:2002): 11/17/2014

ANSI/ABMA/ISO 3096:2014, Rolling bearings - Needle rollers - Dimensions and tolerances (identical national adoption of ISO 3096:1996): 11/17/2014

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

### ***Revision***

ANSI/ATIS 0600015.01-2014, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting -- Server Requirements (revision of ANSI/ATIS 0600015.01-2009): 11/17/2014

### ***Withdrawal***

ANSI ATIS 0600015.06-2011, Energy Efficiency for Telecommunication Equipment: Methodology for Measurement and Reporting of Radio Base Station Metrics (withdrawal of ANSI ATIS 0600015.06-2011): 11/17/2014

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

### ***Revision***

ANSI/AWWA C651-2014, Disinfecting Water Mains (revision of ANSI/AWWA C651-2005): 11/18/2014

## **BICSI (Building Industry Consulting Service International)**

### ***Revision***

ANSI/BICSI 002-2014, Data Center Design and Implementation Best Practices (revision of ANSI/BICSI 002-2011): 11/17/2014

## **BPI (Building Performance Institute)**

### ***New Standard***

- \* ANSI/BPI 1100-T-2014, Home Energy Auditing Standard (new standard): 11/18/2014

## **DASMA (Door and Access Systems Manufacturers Association)**

### ***Revision***

- \* ANSI/DASMA 105-2014, Test Method for Thermal Transmittance and Air Infiltration of Garage Doors (revision of ANSI/DASMA 105-1992 (R2004)): 11/18/2014
- \* ANSI/DASMA 115-2014, Standard Method for Testing Sectional Garage Doors, Rolling Doors and Flexible Doors: Determination of Structure Performance Under Missile Impact and Cyclic Wind Pressure (revision of ANSI/DASMA 115-2005): 11/18/2014

## **ECA (Electronic Components Association)**

### ***Revision***

ANSI/EIA 364-38D-2014, Cable Pull-Out Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-38C-2008): 11/17/2014

## **EOS/ESD (ESD Association, Inc.)**

### ***Revision***

ANSI/ESD STM5.5.1-2014, ESD Association Standard Test Method for Electrostatic Discharge (ESD) Sensitivity Testing - Transmission Line Pulse (TLP) - Component Level (revision of ANSI/ESD STM5.5.1-2008): 11/17/2014

## **GTESS (Georgia Tech Energy & Sustainability Services)**

### ***New National Adoption***

ANSI/ISO/MSE 50015-2014, Measurement and verification of organizational energy performance - General principles and guidance (identical national adoption of ISO CD 50015): 11/13/2014

## **HL7 (Health Level Seven)**

### ***Reaffirmation***

ANSI/HL7 V3 LBRESULT, R1-2009 (R2014), HL7 Version 3 Standard: Laboratory Results, Release 1 (reaffirmation of ANSI/HL7 V3 LBRESULT, R1-2009): 11/17/2014

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

### ***New National Adoption***

INCITS/ISO/IEC 29109-5:2014, Information technology - Conformance testing methodology for biometric data interchange formats defined in ISO/IEC 19794 - Part 5: Face image data (identical national adoption of ISO/IEC 29109-5:2014 and revision of INCITS/ISO/IEC 29109-5:2012 [2013]): 11/18/2014

INCITS/ISO/IEC 29182-6:2014, Information technology - Sensor networks: Sensor Network Reference Architecture (SNRA) - Part 6: Applications (identical national adoption of ISO/IEC 29182-6:2014): 11/18/2014

INCITS/ISO/IEC 14662:2010 [2014], Information technology - Open-edi reference model (identical national adoption of ISO/IEC 14662:2010 and revision of INCITS/ISO/IEC 14662:2004 [2009]): 11/18/2014

INCITS/ISO/IEC 14957:2010 [2014], Information technology - Representation of data element values - Notation of the format (identical national adoption of ISO/IEC 14957:2010 and revision of INCITS/ISO/IEC 14957:1996 [2009]): 11/18/2014

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

### ***Revision***

ANSI/ITSDF B56.11.5-2014, Measurement of Sound Emitted by Low Lift, High Lift, and Rough Terrain Powered Industrial Trucks (revision of ANSI/ITSDF B56.11.5-2005 (R2013)): 11/18/2014

## **NSF (NSF International)**

### ***Revision***

- \* ANSI/NSF 6-2014 (i10r2), Dispensing Freezers (revision of ANSI/NSF 6-2012): 11/13/2014
- \* ANSI/NSF 60-2014 (i64r1), Drinking Water Treatment Chemicals - Health Effects (revision of ANSI/NSF 60-2013): 11/17/2014
- \* ANSI/NSF 60-2014 (i65r1), Drinking Water Treatment Chemicals - Health Effects (revision of ANSI/NSF 60-2013): 11/17/2014

- \* ANSI/NSF 61-2014 (i115r1), Drinking Water System Components - Health Effects (revision of ANSI/NSF 61-2013): 11/17/2014
- \* ANSI/NSF 184-2014 (i5r1), Residential Dishwashers (revision of ANSI/NSF 184-2010): 11/12/2014

## **SPRI (Single Ply Roofing Institute)**

### **Revision**

ANSI/SPRI WD-1-2014, Wind Design Standard Practice for Roofing Assemblies (revision of ANSI/SPRI WD-1-2012): 11/17/2014

## **TIA (Telecommunications Industry Association)**

### **Revision**

ANSI/TIA 470.220-D-2014, Telecommunications - Telephone Terminal Equipment - Alerter Acoustic Output Performance Requirements for Analog Telephones (revision and redesignation of ANSI/TIA 470.220-C-2004): 11/17/2014

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

### **Reaffirmation**

ANSI/UL 248-2-2005 (R2014), Standard for Safety for Low-Voltage Fuses - Part 2: Class C Fuses (reaffirmation of ANSI/UL 248-2-2005 (R2010)): 11/18/2014

ANSI/UL 852-2010 (R2014), Standard for Safety for Metallic Sprinkler Pipe for Fire Protection Service (reaffirmation of ANSI/UL 852-2010): 11/17/2014

### **Revision**

ANSI/UL 6-2014, Standard for Safety for Electrical Rigid Metal Conduit - Steel (revision of ANSI/UL 6-2010): 11/14/2014

ANSI/UL 6A-2014, Standard for Safety for Electrical Rigid Metal Conduit - Aluminum, Red Brass and Stainless Steel (revision of ANSI/UL 6A-2008 (R2013)): 11/14/2014

ANSI/UL 67-2014, Standard for Safety for Panelboards (Proposal dated 04-18-14) (revision of ANSI/UL 67-2013a): 11/14/2014

ANSI/UL 67-2014a, Standard for Safety for Panelboards (Proposal dated 07-11-14) (revision of ANSI/UL 67-2013a): 11/14/2014

ANSI/UL 471-2014, Standard for Safety for Commercial Refrigerators and Freezers (revision of ANSI/UL 471-2013): 11/17/2014

ANSI/UL 854-2014, Standard for Safety for Service-Entrance Cables (Proposal dated 08-22-14) (revision of ANSI/UL 854-2011): 11/18/2014

ANSI/UL 1569-2014, Standard for Safety for Metal-Clad Cables (Proposal dated 06-06-14) (revision of ANSI/UL 1569-2011): 11/13/2014

ANSI/UL 1569-2014a, Standard for Safety for Metal-Clad Cables (Proposal dated 09-12-14) (revision of ANSI/UL 1569-2012): 11/13/2014

- \* ANSI/UL 1647-2014, Standard for Safety for Motor-Operated Massage and Exercise Machines (revision of ANSI/UL 1647-2013a): 11/18/2014

- \* ANSI/UL 1647-2014a, Standard for Safety for Motor-Operated Massage and Exercise Machines (revision of ANSI/UL 1647-2013a): 11/18/2014

ANSI/UL 1703-2014c, Standard for Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 1703-2014): 11/18/2014

- \* ANSI/UL 2438-2014, Standard for Safety for Outdoor Seasonal-Use Cord-Connected Wiring Devices (Proposal dated 06-13-14) (revision of ANSI/UL 2438-2011): 11/14/2014

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

### **Reaffirmation**

ANSI/VITA 30.1-2008 (R2014), 2mm Connector Practice on Conduction Cooled Euroboards (reaffirmation of ANSI/VITA 30.1-2008): 11/18/2014

ANSI/VITA 58.0-2009 (R2014), Line Replaceable Integrated Electronics Chassis Standard (reaffirmation of ANSI/VITA 58.0-2009): 11/18/2014

### **Stabilized Maintenance**

ANSI/VITA 31.1-2003 (S2014), Gigabit Ethernet on VME64x Backplanes (stabilized maintenance of ANSI/VITA 31.1-2003 (R2009)): 11/18/2014

## **Correction**

### **ANSI/AAMI/ISO 10993-16**

In the Final Actions section of Standards Action, dated October 24, 2014, ANSI/AAMI/ISO 10993-16 was listed with the wrong year of publication. The correct listing is: ANSI/AAMI/ISO 10993-16-2010 (R2014) (reaffirmation of ANSI/AAMI/ISO 10993-16-2010).

# 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.

## ABYC (American Boat and Yacht Council)

**Office:** 613 Third Street, Suite 10  
Annapolis, MD 21403

**Contact:** Lynn Lipsey

**E-mail:** [llipsey@abycinc.org](mailto:llipsey@abycinc.org)

- \* BSR/ABYC E-11-201x, AC & DC Electrical Systems on Boats (revision of ANSI/ABYC E-11-2012)

Stakeholders: Surveyors, consumers, trade organizations, insurance personnel, boat manufacturers.

Project Need: This standard identifies safety issues with AC & DC electrical systems on boats.

This standard is a guide for the design, construction, and installation of alternating current (AC) electrical systems on boats and of direct current (DC) electrical systems on boats.

## ECA (Electronic Components Association)

**Office:** 2214 Rock Hill Road  
Suite 170  
Herndon, VA 20170-4212

**Contact:** Laura Donohoe

**Fax:** (571) 323-0245

**E-mail:** [ldonohoe@ecianow.org](mailto:ldonohoe@ecianow.org)

- BSR/EIA 364-80-201x, Low Frequency Shielding Effectiveness Test Procedure for Electrical Connectors and Sockets (new standard)

Stakeholders: Electronics, electrical, and telecommunications industry.

Project Need: Reaffirm current standard and restart expired ANSI designation,

This test procedure describes two methods to measure the shielding transfer impedance of mated cable connectors in the frequency range 10kHz to 100MHz, (method A), and a connector located between a bulkhead panel and a shielded cable from 30 MHz to 500 MHz, (method B).

## MHI (ASC MHC) (Material Handling Industry)

**Office:** 8720 Red Oak Blvd. - Ste. 201  
Charlotte, NC 28217

**Contact:** John Nofsinger

**Fax:** 704-676-1199

**E-mail:** [jnofsinger@mhi.org](mailto:jnofsinger@mhi.org)

- BSR MH1.14-201x, Pallets - Molded, Wood-Based Composite (new standard)

Stakeholders: This standard is to establish nationally recognized minimum requirements for presswood pallets to be used by manufacturers, distributors, purchasers, specifiers and users.

Project Need: Molded, wood-based composite pallets are an important platform on which goods are handled, moved, protected and stored throughout the entire supply chain. A standard that addresses the manufacturing, performance, use and recycling of composite presswood pallets is needed.

This standard applies to molded, wood-based composite pallets commonly referred to as presswood pallets. They are made entirely of compression molded, highly processed wood flakes and resin. This standard is in 3 parts. Part #1 - Prescriptive standard applying to the manufacture of the pallet. Part #2 - Performance and use standard applying to the functionality and environmental aspects of the pallet, and, Part #3 - Addresses the recycling of the pallet. The standard does not address safety associated with the use of presswood pallets.

**SDI (Steel Deck Institute)**

**Office:** PO Box 426  
Glenshaw, PA 15116

**Contact:** Robert Paul

**E-mail:** bob@sdi.org

- \* BSR/SDI C-201x, Standard for Composite Steel Floor Deck-Slabs (revision of ANSI/SDI C-2011)

Stakeholders: In the general interest category, stakeholders include related trade associations, specifying and consulting engineers, code officials, and academics. In the user category, stakeholders include general contractors, steel fabricators, and structural steel and deck installers. In the producer category, stakeholders include steel deck manufacturers.

Project Need: This comprehensive standard, with accompanying non-mandatory user notes, sets requirements and guidelines for all aspects of composite steel floor deck applications from design through installation.

SDI-C-2017 is a revision of the existing ANSI/SDI-C-2011 standard. SDI-C-2011 is a standard for composite steel floor deck to be used by designers, specifiers, manufacturers, and installers of composite steel floor deck-slabs. The specification sets guidelines and requirements relating to quality assurance, materials, design, materials handling, and installation of composite steel floor deck. Non-mandatory user notes are included for further clarification and guidance.

- \* BSR/SDI NC-201x, Standard for Non-Composite Steel Floor Deck (revision of ANSI/SDI NC-2010)

Stakeholders: In the general interest category, stakeholders include related trade associations, specifying and consulting engineers, code officials, and academics. In the user category, stakeholders include general contractors, steel fabricators, and structural steel and deck installers. In the producer category, stakeholders include steel deck manufacturers.

Project Need: This comprehensive standard, with accompanying non-mandatory user notes, sets requirements and guidelines for all aspects of non-composite steel floor deck applications from design through installation.

SDI-NC-2017 is a revision of the existing ANSI/SDI-NC-2010 standard. ANSI/SDI-NC-2010 is a standard for non-composite steel floor deck to be used by designers, specifiers, manufacturers, and installers of non-composite steel floor deck. The specification sets guidelines and requirements relating to quality assurance, materials, design, materials handling, and installation of non-composite steel floor deck. Non-mandatory user notes are included for further clarification and guidance.

- \* BSR/SDI QA/QC-201x, Standard for Quality Control and Quality Assurance for Installation of Steel Deck (revision of ANSI/SDI QA/QC-2011)

Stakeholders: In the general interest category, stakeholders include educators, researchers, representatives of regulatory agencies, technical or professional societies, and manufacturers of related products. In the user category, stakeholders are specifiers, users, and installers of steel deck, including design engineers, architects, agencies that purchase or specify steel deck, installers, or distributors. In the producer category, stakeholders include steel deck and accessory manufacturers.

Project Need: This comprehensive standard, with accompanying non-mandatory user notes and commentary, sets requirements and guidelines for quality control and quality assurance for installation of steel deck.

ANSI/SDI QA/QC-201x is a standard for quality control and quality assurance for installation of steel deck to be used by designers, specifiers, manufacturers, and installers of steel deck used in floors and roofs. The specification sets guidelines and requirements for quality control and quality assurance for installation of steel deck. Non-mandatory user notes and commentary are included for further clarification and guidance.

- \* BSR/SDI RD-201x, Standard for Steel Roof Deck (revision of ANSI/SDI RD-2010)

Stakeholders: In the general interest category, stakeholders include related trade associations, specifying and consulting engineers, code officials, and academics. In the user category, stakeholders include general contractors, steel fabricators, and structural steel and deck installers. In the producer category, stakeholders include steel deck manufacturers.

Project Need: This comprehensive standard, with accompanying non-mandatory user notes, sets requirements and guidelines for all aspects of steel roof deck applications from design through installation.

SDI-RD-2017 is a revision of the existing ANSI/SDI-RD-2010 standard. ANSI/SDI-RD-2010 is a standard for steel roof deck to be used by designers, specifiers, manufacturers, and installers of steel roof deck. The specification sets guidelines and requirements relating to quality assurance, materials, design, materials handling, and installation of steel roof deck. Non-mandatory user notes are included for further clarification and guidance.

- \* BSR/SDI T-CD-201x, Test Standard for Composite Steel Deck Slabs (revision of ANSI/SDI T-CD-2011)

Stakeholders: In the general interest category, stakeholders include related trade associations, specifying and consulting engineers, code officials, and academics. In the user category, stakeholders include general contractors, steel fabricators, and structural steel and deck installers. In the producer category, stakeholders include steel deck manufacturers.

Project Need: This comprehensive standard, with accompanying non-mandatory user notes, sets requirements and guidelines for structural testing of composite steel deck slabs.

ANSI/SDI-T-CD-2011 is a standard for structural testing of composite steel deck slabs to be used by designers, specifiers, manufacturers, and installers of composite steel deck slabs. The specification sets guidelines and requirements relating to methods for structural testing of composite steel deck slabs. Non-mandatory user notes are included for further clarification and guidance.

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

**Office:** 929 W. Portobello Avenue  
Mesa, AZ 85210

**Contact:** Jing Kwok

**E-mail:** jing.kwok@vita.com

- BSR/MITA 78-201x, SpaceVPX System Specification (new standard)

Stakeholders: Manufacturers and users of VPX modules for critical embedded systems.

Project Need: Provide standard for use of OpenVPX in Space Systems.

This standard describes an open standard for creating high-performance fault-tolerant interoperable backplanes and modules to assemble electronic systems for spacecraft and other high-availability applications. Such systems will support a wide variety of use cases across the aerospace community. This standard leverages the OpenVPX standards family and the commercial infrastructure that supports these standards.



# American National Standards Maintained Under Continuous Maintenance

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

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

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

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

To obtain additional information with regard to these standards, including contact information at the ANSI Accredited Standards Developer, please visit *ANSI Online* at [www.ansi.org/asd](http://www.ansi.org/asd), select "Standards Activities," click on "Public Review and Comment" and "American National Standards Maintained Under Continuous Maintenance." This information is also available directly at [www.ansi.org/publicreview](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).

<p><b>AAMI</b> Association for the Advancement of Medical Instrumentation 4301 N Fairfax Drive Suite 301 Arlington, VA 22203-1633 Phone: (703) 525-4890 Fax: (703) 276-0793 Web: <a href="http://www.aami.org">www.aami.org</a></p>	<p><b>ATIS</b> Alliance for Telecommunications Industry Solutions 1200 G Street, NW Suite 500 Washington, DC 20005 Phone: (202) 434-8841 Fax: (202) 347-7125 Web: <a href="http://www.atis.org">www.atis.org</a></p>	<p><b>EOS/ESD</b> ESD Association 7900 Turin Rd., Bldg. 3 Rome, NY 13440 Phone: (315) 339-6937 Fax: (315) 339-6793 Web: <a href="http://www.esda.org">www.esda.org</a></p>	<p><b>MHI (ASC MHC)</b> Material Handling Industry 8720 Red Oak Blvd. - Ste. 201 Charlotte, NC 28217 Phone: (704) 676-1190 Fax: 704-676-1199 Web: <a href="http://www.mhia.org">www.mhia.org</a></p>
<p><b>ABMA (ASC B3)</b> American Bearing Manufacturers Association 2025 M Street, NW Suite 800 Washington, DC 20036-3309 Phone: (919) 481-2852 Fax: (919) 827-4587 Web: <a href="http://www.americanbearings.org">www.americanbearings.org</a></p>	<p><b>AWWA</b> American Water Works Association 6666 W. Quincy Ave. Denver, CO 80235 Phone: (303) 347-6178 Fax: (303) 795-7603 Web: <a href="http://www.awwa.org">www.awwa.org</a></p>	<p><b>GTESS</b> Georgia Tech Energy &amp; Sustainability Services 75 Fifth Street N.W Suite 300 Atlanta, GA 30332-0640 Phone: (404) 407-6404 Fax: (404) 894-8194 Web: <a href="http://www.innovate.gatech.edu">www.innovate.gatech.edu</a></p>	<p><b>NEMA (ASC C8)</b> National Electrical Manufacturers Association 1300 North 17th Street Suite 1752 Rosslyn, VA 22209 Phone: (703) 841-3271 Fax: 703-841-3371 Web: <a href="http://www.nema.org">www.nema.org</a></p>
<p><b>ABYC</b> American Boat and Yacht Council 613 Third Street, Suite 10 Annapolis, MD 21403 Phone: (410) 990-4460 Web: <a href="http://www.abycinc.org">www.abycinc.org</a></p>	<p><b>BICSI</b> Building Industry Consulting Service International 8610 Hidden River Parkway Tampa, FL 33637 Phone: (813) 903-4712 Fax: (813) 971-4311 Web: <a href="http://www.bicsi.org">www.bicsi.org</a></p>	<p><b>HL7</b> Health Level Seven 3300 Washtenaw Avenue Suite 227 Ann Arbor, MI 48104 Phone: (734) 677-7777 Fax: (734) 677-6622 Web: <a href="http://www.hl7.org">www.hl7.org</a></p>	<p><b>NSF</b> NSF International 789 N. Dixboro Road Ann Arbor, MI 48105 Phone: (734) 827-6819 Fax: (734) 827-7875 Web: <a href="http://www.nsf.org">www.nsf.org</a></p>
<p><b>API</b> American Petroleum Institute 1220 L Street, NW Washington, DC 20005-4070 Phone: (202) 682-8135 Fax: (202) 962-4797 Web: <a href="http://www.api.org">www.api.org</a></p>	<p><b>BPI</b> Building Performance Institute 107 Hermes Road Suite 110 Malta, NY 12020 Phone: (877) 274-1274 Fax: (866) 777-1274 Web: <a href="http://www.bpi.org">www.bpi.org</a></p>	<p><b>IESO</b> Indoor Environmental Standards Organization 1791 Tullie Circle NE Atlanta, GA 30329 Phone: (678) 539-1143 Fax: (678) 539-2143 Web: <a href="http://www.iestandards.org">www.iestandards.org</a></p>	<p><b>RVIA</b> Recreational Vehicle Industry Association 1896 Preston White Drive P.O. Box 2999 Reston, VA 20191-4363 Phone: (703) 620-6003 Fax: (703) 620-5071 Web: <a href="http://www.rvia.org">www.rvia.org</a></p>
<p><b>ASA (ASC S12)</b> Acoustical Society of America 1305 Walt Whitman Rd Suite 300 Melville, NY 11747 Phone: (631) 390-0215 Fax: (631) 923-2875 Web: <a href="http://www.acousticalsociety.org">www.acousticalsociety.org</a></p>	<p><b>CSA</b> CSA Group 8501 E. Pleasant Valley Road Cleveland, OH 44131 Phone: (216) 524-4990 Fax: (216) 520-8979 Web: <a href="http://www.csa-america.org">www.csa-america.org</a></p>	<p><b>IIAR</b> International Institute of Ammonia Refrigeration 1001 N. Fairfax Street Suite 503 Alexandria, VA 22314-1797 Phone: (703) 312-4200 Fax: (703) 312-0065 Web: <a href="http://www.iiar.org">www.iiar.org</a></p>	<p><b>SDI (Canvass)</b> Steel Deck Institute PO Box 426 Glenshaw, PA 15116 Phone: (412) 487-3325 Web: <a href="http://www.sdi.org">www.sdi.org</a></p>
<p><b>ASABE</b> American Society of Agricultural and Biological Engineers 2950 Niles Road Saint Joseph, MI 49085 Phone: (269) 932-7015 Fax: (269) 429-3852 Web: <a href="http://www.asabe.org">www.asabe.org</a></p>	<p><b>DASMA</b> Door and Access Systems Manufacturers Association 1300 Sumner Avenue Cleveland, OH 44115-2851 Phone: (216) 241-7333 Fax: (216) 241-0105</p>	<p><b>ITI (INCITS)</b> InterNational Committee for Information Technology Standards 1101 K Street, NW Suite 610 Washington, DC 20005-3922 Phone: (202) 626-5743 Fax: (202) 638-4922 Web: <a href="http://www.incits.org">www.incits.org</a></p>	<p><b>SPRI</b> Single Ply Roofing Institute 411 Waverley Oaks Road Suite 331B Waltham, MA 02452 Phone: (781) 647-7026 Fax: (781) 647-7222 Web: <a href="http://www.spri.org">www.spri.org</a></p>
<p><b>ASME</b> American Society of Mechanical Engineers Two Park Avenue New York, NY 10016 Phone: (212) 591-8521 Fax: (212) 591-8501 Web: <a href="http://www.asme.org">www.asme.org</a></p>	<p><b>ECA</b> Electronic Components Association 2214 Rock Hill Road Suite 170 Herndon, VA 20170-4212 Phone: (571) 323-0294 Fax: (571) 323-0245 Web: <a href="http://www.ecianow.org">www.ecianow.org</a></p>	<p><b>ITSDF</b> Industrial Truck Standards Development Foundation, Inc. 1750 K Street NW Suite 460 Washington, DC 20006 Phone: (202) 296-9880 Fax: (202) 296-9884 Web: <a href="http://www.indtrk.org">www.indtrk.org</a></p>	<p><b>TAPPI</b> Technical Association of the Pulp and Paper Industry 15 Technology Parkway South Peachtree Corners, GA 30092 Phone: (770) 209-7276 Fax: (770) 446-6947 Web: <a href="http://www.tappi.org">www.tappi.org</a></p>

**TIA**

Telecommunications Industry  
Association

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

**UL**

Underwriters Laboratories, Inc.

333 Pfingsten Road  
Northbrook, IL 60062  
Phone: (847) 664-3198  
Fax: (847) 664-3198  
Web: [www.ul.com](http://www.ul.com)

**VITA**

VMEbus International Trade  
Association (VITA)

929 W. Portobello Avenue  
Mesa, AZ 85210  
Phone: (613) 799-5745  
Web: [www.vita.com](http://www.vita.com)



# ISO & IEC Draft International Standards

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

## Comments

Comments regarding ISO documents should be sent to ANSI's ISO Team (isot@ansi.org); those regarding IEC documents should be sent to Charles T. Zegers, General Secretary of the USNC (czegers@ansi.org). The final date for offering comments is listed after each draft.

## Ordering Instructions

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

## ISO Standards

### **ACOUSTICS (TC 43)**

ISO/DIS 18405, Underwater acoustics - Terminology - 2/11/2015, \$112.00

ISO/DIS 17208-1, Underwater acoustics - Quantities and procedures for description and precision measurement of underwater sound from ships - Part 1: Requirements for precision measurements in deep water used for comparison purposes - 2/11/2015, \$82.00

### **AIRCRAFT AND SPACE VEHICLES (TC 20)**

ISO/DIS 18257, Space systems - Semiconductor integrated circuits for space applications - Design requirements - 2/25/2015, FREE

### **CYCLES (TC 149)**

ISO/DIS 6699, Cycles - Stem and handlebar bend - Assembly dimensions - 2/7/2015, \$29.00

### **FASTENERS (TC 2)**

ISO/DIS 4759-3, Tolerances for fasteners - Part 3: Washers for bolts, screws and nuts - Product grades A, C and F - 2/19/2015, FREE

### **IMPLANTS FOR SURGERY (TC 150)**

ISO/DIS 7206-12, Implants for surgery - Partial and total hip joint prostheses - Part 12: Deformation test method for acetabular shells - 2/11/2015, \$46.00

### **MACHINE TOOLS (TC 39)**

ISO/DIS 19085-3, Woodworking machines - Safety requirements - Part 3: NC boring and routing machines - 2/19/2015, \$125.00

### **MATERIALS, EQUIPMENT AND OFFSHORE STRUCTURES FOR PETROLEUM AND NATURAL GAS INDUSTRIES (TC 67)**

ISO/DIS 19901-4, Petroleum and natural gas industries - Specific requirements for offshore structures - Part 4: Geotechnical and foundation design considerations - 2/21/2015, \$194.00

### **MEDICAL DEVICES FOR INJECTIONS (TC 84)**

ISO/DIS 6009, Hypodermic needles for single use - Colour coding for identification - 2/19/2015, \$46.00

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

ISO/DIS 4623-2, Paints and varnishes - Determination of resistance to filiform corrosion - Part 2: Aluminium substrates - 2/12/2015, \$46.00

### **SMALL CRAFT (TC 188)**

ISO/DIS 8666, Small craft - Principal data - 2/19/2015, \$88.00

### **SOLAR ENERGY (TC 180)**

ISO/DIS 22975-1, Solar energy - Collector components and materials - Part 1: Evacuated tubes - Durability and performance - 2/12/2015, \$98.00

ISO/DIS 22975-2, Solar energy - Collector components and materials - Part 2: Heat-pipe for solar thermal application - Durability and performance - 2/12/2015, \$82.00

### **TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)**

ISO/DIS 18497, Safety of highly automated agricultural machines - 2/28/2015, FREE

### **TRANSFUSION, INFUSION AND INJECTION EQUIPMENT FOR MEDICAL USE (TC 76)**

ISO/DIS 4802-1, Glassware - Hydrolytic resistance of the interior surfaces of glass containers - Part 1: Determination by titration method and classification - 2/11/2015, \$58.00

ISO/DIS 4802-2, Glassware - Hydrolytic resistance of the interior surfaces of glass containers - Part 2: Determination by flame spectrometry and classification - 2/11/2015, \$62.00

ISO/DIS 11418-1, Containers and accessories for pharmaceutical preparations - Part 1: Drop-dispensing glass bottles - 2/11/2015, \$33.00

ISO/DIS 11418-2, Containers and accessories for pharmaceutical preparations - Part 2: Screw-neck glass bottles for syrups - 2/11/2015, \$40.00

ISO/DIS 11418-3, Containers and accessories for pharmaceutical preparations - Part 3: Screw-neck glass bottles (veral) for solid and liquid dosage forms - 2/11/2015, \$40.00

ISO/DIS 11418-7, Containers and accessories for pharmaceutical preparations - Part 7: Screw-neck vials made of glass tubing for liquid dosage forms - 2/11/2015, \$33.00

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

ISO/DIS 9013, Thermal cutting - Classification of thermal cuts - Geometrical product specification and quality tolerances - 2/12/2015, \$93.00

**IEC Standards**

- 14/803/FDIS, IEC 61378-3 Ed.2: Converter transformers - Part 3: Application guide, 01/09/2015
- 15/738/CDV, IEC 60674-3-8/A1/Ed1: Plastic films for electrical purposes - Part 3: Specifications for individual materials - Sheet 8: Balanced biaxially oriented polyethylene naphthalate (PEN) films used for electrical insulation, 02/06/2015
- 18/1440/CD, IEC 60092-504: Electrical installations in ships - Part 504: Automation, control and instrumentation, 02/06/2015
- 20/1552/FDIS, IEC 62821-3: Electric cables - Halogen-free, low smoke, thermoplastic insulated and sheathed cables of rated voltages up to and including 450/750 V - Part 3: Flexible cables (cords), 01/09/2015
- 20/1553/FDIS, IEC 62821-2: Electric cables - Halogen-free, low smoke, thermoplastic insulated and sheathed cables of rated voltages up to and including 450/750 V - Part 2: Test methods, 01/09/2015
- 45A/994/NP, Nuclear power plants - Instrumentation and control important to safety - Selection and use of wireless devices, 02/06/2015
- 48B/2403/CDV, IEC 60603-7-81/Ed1: Connectors for electronic equipment - Part 7-81: Detail specification for 8-way, shielded, free and fixed connectors, for data transmissions with frequencies up to 2 000 mhz, 02/06/2015
- 56/1590/FDIS, IEC 62740/Ed1: Root Cause Analysis (RCA), 01/09/2015
- 57/1518/FDIS, IEC 62325-451-5 Ed.1: Framework for energy market communications - Part 451-5: Problem statement and status request business processes, contextual and assembly models for European market, 01/09/2015
- 61B/511/CDV, IEC 60335-2-25-A2/Ed6: Household and similar appliances - Safety - Part 2-25: Particular requirements for microwave ovens, including combination microwave ovens, 02/06/2015
- 61B/512/CDV, IEC 60335-2-90-A2 Ed 4.0: Household and similar appliances - Safety - Part 2-90: Particular requirements for commercial microwave ovens, 02/06/2015
- 65A/710/CD, IEC 61069-1 Ed.2: Industrial-process measurement and control - Evaluation of system properties for the purpose of system assessment - Part 1: Terminology and basic concepts, 02/06/2015
- 65A/711/CD, IEC 61069-2 Ed.2: Industrial-process measurement and control - Evaluation of system properties for the purpose of system assessment - Part 2: Assessment methodology, 02/06/2015
- 65A/712/CD, IEC 61069-3 Ed.2: Industrial-process measurement and control - Evaluation of system properties for the purpose of system assessment - Part 3: Assessment of system functionality, 02/06/2015
- 65A/713/CD, IEC 61069-4 Ed.2: Industrial-process measurement and control - Evaluation of system properties for the purpose of system assessment - Part 4: Assessment of system performance, 02/06/2015
- 65A/714/CD, IEC 61069-5 Ed.2: Industrial-process measurement and control - Evaluation of system properties for the purpose of system assessment - Part 5: Assessment of system dependability, 02/06/2015
- 65A/715/CD, IEC 61069-6 Ed.2: Industrial-process measurement and control - Evaluation of system properties for the purpose of system assessment - Part 6: Assessment of system operability, 02/06/2015
- 65A/716/CD, IEC 61069-7 Ed.2: Industrial-process measurement and control - Evaluation of system properties for the purpose of system assessment - Part 7: Assessment of system safety hazard, 02/06/2015
- 65A/717/CD, IEC 61069-8 Ed.2: Industrial-process measurement and control - Evaluation of system properties for the purpose of system assessment - Part 8: Assessment of other system properties, 02/06/2015
- 69/321/CD, IEC 61980-3/Ed.1: Electric Vehicle Wireless Power Transfer (WPT) Systems - Part 3: Specific requirements for the magnetic field wireless power transfer systems, 01/16/2015
- 69/322/CD, IEC 61980-2/Ed.1: Electric Vehicle Wireless Power Transfer (WPT) Systems - Part 2: Specific requirements for communication between electric road vehicle (EV) and infrastructure with respect to wireless power transfer (WPT) systems, 01/16/2015
- 80/740/CDV, IEC 61162-460 Ed.1: Maritime navigation and radiocommunication equipment and systems - Digital interfaces - Part 460: Multiple talkers and multiple listeners - Ethernet interconnection - Safety and security, 02/06/2015
- 86A/1633/CD, IEC 60794-2-22/Ed1: Optical fibre cables - Part 2-22: Indoor optical fibre cables - Detail specification for multi-simplex breakout optical cables to be terminated with connectors, 02/06/2015
- 88/510/FDIS, IEC 61400-27-1 Ed.1: Wind turbines - Part 27-1: Electrical simulation models - Wind turbines, 01/09/2015
- 91/1220/DTR, IEC/TR 62878-2-2 Ed. 1: Device embedded substrate - Part 2-2: Guidelines - Electrical testing, 01/02/2015
- 94/378/FDIS, IEC 61810-3 Ed.1: Electromechanical elementary relays - Part 3: Relays with forcibly guided (mechanically linked) contacts, 01/09/2015
- 94/379/FDIS, IEC 61811-1 Ed.2: Electromechanical telecom elementary relays of assessed quality - Part 1: Generic specification and blank detail specification, 01/09/2015
- 100/2384/CDV, IEC 62777 Ed.1: Quality Evaluation Method for the Sound Field of Directional Loudspeaker Array System, 02/06/2015
- 9/1993/DC, Technical corrigendum to IEC 62625-1:2013 (Electronic railway equipment - On board driving data recording system - Part 1: System specification), 12/19/2014
- 17A/1079/FDIS, IEC 62271-104 Ed.2: High-voltage switchgear and controlgear - Part 104: Alternating current switches for rated voltages higher than 52 kV, 01/09/2015
- 22H/186/CD, IEC 62040-1 Ed.2: Uninterruptible power systems (UPS) - Part 1: Safety requirements, 01/09/2015
- 22H/187/CD, IEC 62040-2 Ed.3: Uninterruptible power systems (UPS) - Part 2: Electromagnetic compatibility (EMC) requirements, 01/09/2015
- 23B/1173/CD, IEC 60884-2-5 Ed.2: Plugs and socket-outlets for household and similar purposes - Part 2: Particular requirements for adaptors, 02/13/2015
- 23H/316/NP, PNW 23H-316: IEC 60309-6: Plugs and sockets for industrial purposes - Low-voltage docking connectors with pins and contact-tubes for mobile energy storage units, 02/13/2015
- 31/1160/CD, IEC 60079-0/Ed7: Explosive atmospheres - Part 0: Equipment - General requirements, 02/13/2015
- 37A/270/CD, IEC 61643-32/Ed1: Low-voltage surge protective devices - Surge protective devices for specific use including d.c. part 32: Selection and application principles - SPDs connected to photovoltaic installations, 02/13/2015
- 46/521A/CDV, IEC 60966-2-4: Radio frequency and coaxial cable assemblies - Part 2-4: Detail specification for cable assemblies for radio and TV receivers Frequency range 0 MHz to 3 000 MHz, IEC 61169-2 connectors, 12/12/2014

- 46/523A/CDV, IEC 60966-2-5/Ed4: Radio frequency and coaxial cable assemblies - Part 2-5: Detail specification for cable assemblies for radio and TV receivers - Frequency range 0 MHz to 1 000 MHz, IEC 61169-2 connectors, 12/12/2014
- 46A/1228/CDV, IEC 61196-11: Coaxial communication cables - Part 11: Sectional specification for semi-rigid cables with polyethylene (PE) dielectric, 02/13/2015
- 46A/1229/CDV, IEC 61196-11-1: Coaxial communication cables - Part 11-1: Blank detail specification for semi-rigid cables with polyethylene (PE) dielectric, 02/13/2015
- 47E/489/CD, IEC 60747-14-6 Ed.1: Semiconductor devices - Part 14 -6: Semiconductor sensor - Humidity sensor, 01/09/2015
- 47E/491/CD, IEC 60747-14-7 Ed.1: Semiconductor devices - Part 14 -7: Semiconductor sensor - Flow meter, 01/09/2015
- 47E/493/CD, IEC 60747-14-8 Ed.1: Semiconductor devices - Part 14 -8: Semiconductor sensor - Oil quality sensor, 01/09/2015
- 47E/494/NP, Future IEC 60747-14-x: Semiconductor devices - Part 14-x: Semiconductor sensor - Test method of eutectic bonding for sensors, 02/13/2015
- 47E/495/NP, Future IEC 60747-14-x: Semiconductor devices - Part 14-x: Semiconductor sensors - Sensor media compatibility, 02/13/2015
- 48B/2409/NP, IEC 61076-3-xxx Ed. 1.0: Connectors for electronic equipment - Product requirements - Part 3-xxx: Rectangular connectors - Detail specification for combined connectors for power supply and data communication inside one housing for industrial environments, 02/13/2015
- 56/1591/FDIS, IEC 62741/Ed1: Demonstration of dependability requirements - The dependability case, 01/09/2015
- 57/1519/DC, Proposed IEC Technical Report 62351-13: Power systems management and associated information exchange - Data and communications security - Part 13: Guidelines on what security topics should be covered in standards and specifications, 01/16/2015
- 57/1520/DTS, IEC 62325-504 TS Ed.1: Framework for energy market communications - Part 504: Utilization of web services for electronic data interchanges on the European energy market for electricity, 02/13/2015
- 65/581/CD, ISO/IEC 20140-5 Ed. 1.0: Automation systems and integration - Evaluating energy efficiency and other factors of manufacturing systems that influence the environment - Part 5: Environmental influence evaluation data, 01/16/2015
- 65C/792/CD, IEC 62657-1 Ed1: Industrial communication networks - Wireless communication networks - Part 1: Wireless communication requirements and spectrum considerations, 02/13/2015
- 65C/793/CD, IEC 62657-2 Ed2: Industrial communication networks - Wireless communication networks - Part 2: Coexistence management, 02/13/2015
- 77A/873/FDIS, IEC 61000-4-30: Electromagnetic compatibility (EMC) - Part 4-30: Testing and measurement techniques -Power quality measurement methods, 01/09/2015
- 77C/240/CD, IEC 61000-4-23: Electromagnetic Compatibility (EMC) - Part 4-23: Testing and measurement techniques - Test methods for protective devices for HEMP and other radiated disturbances, 02/13/2015
- 80/744/FDIS, IEC 62320-3 Ed.1: Maritime navigation and radiocommunication equipment and systems - Automatic identification systems (AIS) - Part 3: Repeater station - Minimum operational and performance requirements - Methods of test and required test results, 01/09/2015
- 82/911/NP, Photovoltaic (PV) module performance testing and energy rating - Part 3: Energy Rating of PV Modules (proposed IEC 61853 -3), 02/13/2015
- 82/912/NP, Photovoltaic (PV) module performance testing and energy rating - Part 4: Standard reference climatic profiles (proposed IEC 61853-4), 02/13/2015
- 97/163/CDV, IEC 62870 Ed.1: Electrical installations for lighting and beaconing of aerodromes - Safety secondary circuits in series circuits - General safety requirements, 02/13/2015
- 100/2417/FDIS, IEC 60728-7-1/Ed. 1/Amd.1: Cable networks for television signals, sound signals and interactive services - Part 7-1: Hybrid Fibre Coax Outside Plant status monitoring - Physical (PHY) layer specification, 01/09/2015
- 9/1980/CDV, IEC 62625-2 Ed.1: Electronic railway equipment - On board driving data recording system - Part 2: Conformity testing, 02/20/2015
- 13/1592/CD, IEC 62053-41/Ed1: Electricity Metering Equipment (DC) - Particular Requirements - Part 41: Static meters for direct current energy (classes 0,2, 0,5 and 1), 02/20/2015
- 13/1593/NP, IEC 62055-1-0 Ed.1 Electricity metering systems - Part 1 -0: Interoperability framework for payment systems, 02/20/2015
- 13/1594/NP, IEC 62055-61 Ed.1 Electricity metering systems - Part 61: Business functions for payment systems, 02/20/2015
- 23A/746/NP, PNW 23A-746: IEC 61084-2-3: Cable trunking and cable ducting systems for electrical installations Part 2-3: Particular requirements for slotted cable trunking systems intended for installation in cabinets, 02/20/2015
- 23B/1162/CDV, Amendment 1 to IEC 60670-21 Ed.1: Boxes and enclosures for electrical accessories for household and similar fixed electrical installations - Part 21: Particular requirements for boxes and enclosures with provision for suspension means, 02/20/2015
- 23B/1163/CDV, Amendment 1 to IEC 60670-23 Ed.1: Boxes and enclosures for electrical accessories for household and similar fixed electrical installations - Part 23: Particular requirements for floor boxes and enclosures, 02/20/2015
- 23B/1164/CDV, IEC 60669-1 Ed.4: Switches for household and similar fixed electrical installations - Part 1: General requirements, 02/20/2015
- 23B/1166/CDV, Amendment 2 to IEC 61242 Ed.1: Electrical accessories - Cable reels for household and similar purposes, 02/20/2015
- 23B/1174/FDIS, Amendment 1 to IEC 60670-22 Ed.1: Boxes and enclosures for electrical accessories for household and similar fixed electrical installations - Part 22: Particular requirements for connecting boxes and enclosures, 01/16/2015
- 26/555/FDIS, IEC 62135-2 Ed.2: Resistance welding equipment - Part 2: Electromagnetic compatibility (EMC) requirements, 01/16/2015
- 49/1115/CD, IEC 60758 Ed.5: Synthetic quartz crystal - Specifications and guidelines for the use, 01/16/2015
- 51/1072/CDV, IEC 60401-3 Ed.2: Terms and nomenclature for cores made of magnetically soft ferrites - Part 3: Guidelines on the format of data appearing in manufacturers' catalogues of transformer and inductor cores, 02/20/2015
- 51/1073/CDV, IEC 60424-1 Ed.2: Ferrite cores - Guidelines on the limits of surface irregularities - Part 1: General Specification, 02/20/2015
- 51/1074/CDV, IEC 60424-2 Ed.2: Ferrite cores - Guidelines on the limits of surface irregularities - Part 2: RM-cores, 02/20/2015
- 51/1075/CDV, IEC 60424-4 Ed.2: Ferrite cores - Guidelines on the limits of surface irregularities - Part 4: Ring-cores, 02/20/2015
- 51/1076/CDV, IEC 62317-6 Ed.1: Ferrite cores - Dimensions - Part 6: ETD-cores for use in power supplies, 02/20/2015
- 57/1521/CD, IEC 61850-80-4 TS Ed.1: Communication networks and systems for power utility automation - Part 80-4: Translation from COSEM object model (IEC 62056) to the IEC 61850 data model, 02/20/2015

- 57/1522/DTR, IEC 61850-90-3 TR Ed.1: Communication networks and systems for power utility automation - Part 90-3: Using IEC 61850 for condition monitoring diagnosis and analysis, 01/16/2015
- 59L/107/NP, Spray seats for household and similar use - Methods for measuring the performance, 02/20/2015
- 65B/957/CD, IEC 61131-2 Ed 4.0: Industrial-process control systems - Instruments with analogue inputs and two- or multi-state outputs - Part 2: Guidance for inspection and routine testing, 02/20/2015
- 65B/958/CD, IEC 62952-2 Ed 1.0: Power sources for a wireless communication device - Part 2: Battery profile, 02/20/2015
- 65B/959/CD, IEC 62952-1 Ed 1.0: Power sources for a wireless communication device - Part 1: General requirements of power sources, 02/20/2015
- 65B/960/DTR, IEC/TR 61832 Ed 2.0: Analyser Systems - Guide to Technical Enquiry and Bid Evaluation, 01/16/2015
- 65E/432A/CD, IEC 62264-5 Ed. 2.0: Enterprise-Control System Integration Part 5: Business to manufacturing transactions, 12/19/2014
- 65E/437/DTR, IEC/TR 62453-41 Ed. 2.0 Field Device Tool (FDT) Interface Specification - Part 41: Object model integration profile - Common object model, 01/16/2015
- 65E/439/DTR, IEC/TR 62453-42: Object model integration profile - Common Language Infrastructure, 01/16/2015
- 65E/440/DTR, IEC/TR 62453-51-10: Communication implementation for common object model - IEC 61784 CPF 1 IEC/TR 62453-51-20: Communication implementation for common object model - IEC 61784 CPF 2 IEC/TR 62453-51-31: Communication implementation for common object model - IEC 61784 CP 3/1 and CP 3/2 IEC/TR 62453-51-32: Communication implementation for common object model - IEC 61784 CP 3/4, CP 3/5 and CP 3/6 IEC/TR 62453-51-60: Communication implementation for common object model - IEC 61784 CPF 6 IEC/TR 62453-51-90: Communication implementation for common object model - IEC 61784 CPF 9 IEC/TR 62453-51-150: Communication implementation for common object model - IEC 61784 CPF 15 IEC/TR 62453-52-150: Communication
- 69/336/CD, ISO 18246: Electrically propelled mopeds and motorcycles - Safety requirements for conductive connection to an external electric power supply, 02/20/2015
- 80/745/CD, IEC 62940 Ed.1: Maritime navigation and radiocommunication equipment and systems - Integrated communication system (ICS) - Operational and performance requirements, methods of testing and required test results, 01/16/2015
- 82/886/CDV, IEC 62788-1-2 Ed.1: Measurement procedures for materials used in photovoltaic modules - Part 1-2: Encapsulants - Measurement of volume resistivity of photovoltaic encapsulation and backsheet materials, 02/20/2015
- 86B/3850/FDIS, IEC 61300-3-53/Ed1: Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-53: Examinations and measurements - Encircled angular flux (EAF) measurement method based on two-dimensional far field data from step index multimode waveguide (including fibre), 01/16/2015
- 107/251/NP, Process management for avionics - Atmospheric radiation effects - Part 8: Assessment of proton, electron, pion, muon fluxes and single event effects in avionics systems (proposed IEC TS 62396-8), 02/20/2015
- 116/206/NP, IEC 62841-4-1/Ed1: Electric Motor-Operated Hand-Held Tools, Transportable Tools and Lawn and Garden Machinery - Safety - Part 4-1: Particular requirements for chain saws, 02/20/2015



# Newly Published ISO & IEC Standards

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

## ISO Standards

### AIRCRAFT AND SPACE VEHICLES (TC 20)

[ISO 7169:2014](#), Aerospace - Separable tube fittings for fluid systems, for 24 degree cones, for pressures up to 3 000 psi or 21 000 kPa - Procurement specification, inch/metric, \$132.00

### COPPER, LEAD AND ZINC ORES AND CONCENTRATES (TC 183)

[ISO 13547-2:2014](#), Copper, lead, zinc and nickel sulfide concentrates - Determination of arsenic - Part 2: Acid digestion and inductively coupled plasma atomic emission spectrometric method, \$108.00

### FINE CERAMICS (TC 206)

[ISO 20507:2014](#), Fine ceramics (advanced ceramics, advanced technical ceramics) - Vocabulary, \$165.00

[ISO 18560-1:2014](#), Fine ceramics (advanced ceramics, advanced technical ceramics) - Test method for air-purification performance of semiconducting photocatalytic materials by test chamber method under indoor lighting environment - Part 1: Removal of formaldehyde, \$123.00

### FLUID POWER SYSTEMS (TC 131)

[ISO 8132:2014](#), Hydraulic fluid power - Mounting dimensions for accessories for single rod cylinders, 16 MPa (160 bar) medium and 25 MPa (250 bar) series, \$108.00

[ISO 8133:2014](#), Hydraulic fluid power - Mounting dimensions for accessories for single rod cylinders, 16 MPa (160 bar) compact series, \$114.00

### GEOGRAPHIC INFORMATION/GEOMATICS (TC 211)

[ISO 19154:2014](#), Geographic information - Ubiquitous public access - Reference model, \$189.00

[ISO 19101-1:2014](#), Geographic information - Reference model - Part 1: Fundamentals, \$199.00

### HYDROMETRIC DETERMINATIONS (TC 113)

[ISO 4375:2014](#), Hydrometry - Cableway systems for stream gauging, \$149.00

### IMPLANTS FOR SURGERY (TC 150)

[ISO 8828:2014](#), Implants for surgery - Guidance on care and handling of orthopaedic implants, \$66.00

### MECHANICAL CONTRACEPTIVES (TC 157)

[ISO 8009:2014](#), Mechanical contraceptives - Reusable natural and silicone rubber contraceptive diaphragms - Requirements and tests, \$149.00

### MECHANICAL VIBRATION AND SHOCK (TC 108)

[ISO 16063-22/Amd1:2014](#), Methods for the calibration of vibration and shock transducers - Part 22: Shock calibration by comparison to a reference transducer - Amendment 1, \$22.00

### OPTICS AND OPTICAL INSTRUMENTS (TC 172)

[ISO 14132-3:2014](#), Optics and photonics - Vocabulary for telescopic systems - Part 3: Terms for telescopic sights, \$58.00

### PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

[ISO 17196:2014](#), Dimethyl ether (DME) for fuels - Determination of impurities - Gas chromatographic method, \$149.00

[ISO 17197:2014](#), Dimethyl ether (DME) for fuels - Determination of water content - Karl Fischer titration method, \$88.00

[ISO 17198:2014](#), Dimethyl ether (DME) for fuels - Determination of total sulfur, ultraviolet fluorescence method, \$108.00

### ROAD VEHICLES (TC 22)

[ISO 18418-1:2014](#), Gasoline engines - Medium pressure liquid fuel supply connections - Part 1: 60° female cone connectors, \$66.00

[ISO 18418-2:2014](#), Gasoline engines - Medium pressure liquid fuel supply connections - Part 2: Pipe assemblies, \$77.00

### SHIPS AND MARINE TECHNOLOGY (TC 8)

[ISO 7236:2014](#), Ships and marine technology - Inland navigation vessels - Mounting attachments for demountable signal masts for push-tows, \$77.00

[ISO 14886:2014](#), Ships and marine technology - Large yachts - Structural fire protection for FRP yachts, \$99.00

### SIEVES, SIEVING AND OTHER SIZING METHODS (TC 24)

[ISO 13317-4:2014](#), Determination of particle size distribution by gravitational liquid sedimentation methods - Part 4: Balance method, \$108.00

### TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

[ISO 9635-1:2014](#), Agricultural irrigation equipment - Irrigation valves - Part 1: General requirements, \$139.00

[ISO 9635-2:2014](#), Agricultural irrigation equipment - Irrigation valves - Part 2: Isolating valves, \$114.00

[ISO 9635-3:2014](#), Agricultural irrigation equipment - Irrigation valves - Part 3: Check valves, \$77.00

[ISO 9635-4:2014](#), Agricultural irrigation equipment - Irrigation valves - Part 4: Air valves, \$108.00

### TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

[ISO 21218/Amd1:2014](#), Intelligent transport systems - Communications access for land mobiles (CALM) - Access technology support - Amendment 1, \$22.00

## ISO Technical Reports

### HEALTH INFORMATICS (TC 215)

[ISO/TR 12300:2014](#), Health informatics - Principles of mapping between terminological systems, \$180.00

[ISO/TR 19231:2014](#), Health informatics - Survey of mHealth projects in low and middle income countries (LMIC), \$108.00



## ISO Technical Specifications

### HEALTH INFORMATICS (TC 215)

[ISO/TS 17439:2014](#), Health informatics - Development of terms and definitions for health informatics glossaries, \$123.00

### ISO/IEC JTC 1, Information Technology

[ISO/IEC 23000-11/Amd3:2014](#), Information technology - Multimedia application format (MPEG-A) - Part 11: Stereoscopic video application format - Amendment 3: Support movie fragment for Stereoscopic Video AF, \$22.00

[ISO/IEC 30101:2014](#), Information technology - Sensor networks: Sensor network and its interfaces for smart grid system, \$275.00

[ISO/IEC 30128:2014](#), Information technology - Sensor networks - Generic Sensor Network Application Interface, \$180.00

[ISO/IEC 15459-1:2014](#), Information technology - Automatic identification and data capture techniques - Unique identification - Part 1: Individual transport units, \$77.00

[ISO/IEC 15459-3:2014](#), Information technology - Automatic identification and data capture techniques - Unique identification - Part 3: Common rules, \$99.00

[ISO/IEC 15459-4:2014](#), Information technology - Automatic identification and data capture techniques - Unique identification - Part 4: Individual products and product packages, \$88.00

[ISO/IEC 15459-5:2014](#), Information technology - Automatic identification and data capture techniques - Unique identification - Part 5: Individual returnable transport items (RTIs), \$88.00

[ISO/IEC 15459-6:2014](#), Information technology - Automatic identification and data capture techniques - Unique identification - Part 6: Groupings, \$88.00

## IEC Standards

### DESIGN AUTOMATION (TC 93)

[IEC 60364-4-42 Ed. 3.1 b:2014](#), Low-voltage electrical installations - Part 4-42: Protection for safety - Protection against thermal effects, \$200.00

### ELECTRIC CABLES (TC 20)

[IEC 60287-1-1 Amd.1 Ed. 2.0 b:2014](#), Amendment 1 - Electric cables - Calculation of the current rating - Part 1-1: Current rating equations (100 % load factor) and calculation of losses - General, \$22.00

[IEC 60287-1-1 Ed. 2.1 b:2014](#), Electric cables - Calculation of the current rating - Part 1-1: Current rating equations (100 % load factor) and calculation of losses - General, \$315.00

### ELECTRIC TRACTION EQUIPMENT (TC 9)

[IEC 60850 Ed. 4.0 b:2014](#), Railway applications - Supply voltages of traction systems, \$121.00

### ELECTRICAL INSTALLATIONS OF BUILDINGS (TC 64)

[IEC 60364-4-42 Amd.1 Ed. 3.0 b:2014](#), Amendment 1 - Low-voltage electrical installation - Part 4-42: Protection for safety - Protection against thermal effects, \$20.00

### ELECTROSTATICS (TC 101)

[IEC 61340-4-4 Amd.1 Ed. 2.0 b:2014](#), Amendment 1 - Electrostatics - Part 4-4: Standard test methods for specific applications - Electrostatic classification of flexible intermediate bulk containers (FIBC), \$22.00

[IEC 61340-4-4 Ed. 2.1 b:2014](#), Electrostatics - Part 4-4: Standard test methods for specific applications - Electrostatic classification of flexible intermediate bulk containers (FIBC), \$363.00

### MEASURING EQUIPMENT FOR ELECTROMAGNETIC QUANTITIES (TC 85)

[IEC 62586-2 Ed. 1.0 b cor.1:2014](#), Corrigendum 1 - Power quality measurement in power supply systems - Part 2: Functional tests and uncertainty requirements, \$0.00

## IEC Technical Reports

### SMART GRID USER INTERFACE (TC 118)

[IEC/TR 62939-1 Ed. 1.0 en:2014](#), Smart grid user interface - Part 1: Interface overview and country perspectives, \$387.00

# 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

---

## American National Standards

### INCITS Executive Board

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

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

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

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

- **Producer – Hardware**

This category primarily produces hardware products for the ITC marketplace.

- **Producer – Software**

This category primarily produces software products for the ITC marketplace.

- **Distributor**

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

- **User**

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

- **Consultants**

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

- **Standards Development Organizations and Consortia**

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

- **Academic Institution**

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

- **Other**

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

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

### Tentative Interim Amendments

#### ANSI/IAPMO UPC-1-2012, Uniform Plumbing Code

##### Comment Deadline: December 8, 2014

The following Tentative Interim Amendment to the Uniform Plumbing Code, ANSI/IAPMO UPC 1-2012, is available for public review:

UPC 003-12, revises Section 408.6

Copies may be obtained from the Code Development Department, IAPMO, 4755 E. Philadelphia Street, Ontario, CA 91761-2816; E-mail: [codechange@iapmo.org](mailto:codechange@iapmo.org); Phone: 909-472-4110; Fax: 909-472-4246.

## ANSI Accredited Standards Developers

### Approval of Reaccreditation

#### EOS/ESD Association

ANSI's Executive Standards Council has approved the reaccreditation of the EOS/ESD Association, an ANSI Organizational Member, under its recently revised operating procedures for documenting consensus on EOS/ESD Association-sponsored American National Standards, effective November 19, 2014. For additional information, please contact: Ms. Christina Earl, Standards Program Manager, EOS/ESD Association, 7902 Turin Road, Building 3, Suite 2, Rome, NY 13440-2069; phone: 315/339.6937; e-mail: [cearl@esda.org](mailto:cearl@esda.org).

# International Organization for Standardization (ISO)

## Call for comments

### ISO/TMB – Standards under Systematic Review

#### ISO/IEC Guide 98-4:2012

Every International Standard published by ISO shall be subject to systematic review in order to determine whether it should be confirmed, revised/amended, converted to another form of deliverable, or withdrawn at least once every five years.

ISO has launched Systematic Review ballots on the following standards that are the responsibility of the ISO/TMB:

ISO/IEC Guide 98-4:2012, Uncertainty of measurement – Part 4: Role of measurement uncertainty in conformity assessment

As there is no accredited U.S. TAG to provide the U.S. consensus positions on this document, we are seeking comments from any directly and materially affected parties.

Organizations or individuals interested in submitting comments or in requesting additional information should contact [ISOT@ansi.org](mailto:ISOT@ansi.org).

### ISO Proposal for a New Field of ISO Technical Activity

#### TC 272 – Forensic Sciences

#### Comment Deadline: December 12, 2014

Standards Australia (SA) as the secretariat of ISO Project Committee 272 (Forensic sciences) has submitted to ISO a proposal for the conversion of the project committee into a new ISO technical committee, with the following scope statement:

Standardization and guidance in the field of Forensic Science. This includes the development of standards that pertain to laboratory and field based forensic science techniques and methodology in broad general areas such as the detection and collection of physical evidence, the subsequent analysis and interpretation of the evidence, and the reporting of results and findings.

Excludes:

- Generic quality management standards dealt with by ISO/TC 176
- Conformity assessment guidelines dealt with by the ISO committee on conformity assessment (CASCO)

Further explanation and rationale is provided in the proposal document.

Anyone wishing to review this new proposal can request a copy by contacting ANSI's ISO Team ([isot@ansi.org](mailto:isot@ansi.org)) with submission of comments to Steve Cornish ([scornish@ansi.org](mailto:scornish@ansi.org)) by close of business on Friday, December 12, 2014.

## Meeting Notice

### ASC A10 Meeting

The American Society of Safety Engineers (ASSE) serves as the secretariat of the ANSI Accredited A10 Committee (A10 ASC) for Construction and Demolition Operations. The next meeting of the A10 ASC will be held on January 13, 2015 in Washington D.C. at the International Brotherhood of Electrical Workers (IBEW) in Washington, DC. Those who have interest in the committee are encouraged to attend. In addition, subgroup meetings of the A10 ASC will be held the day before or after the main meeting on January 12th or the 14th. The A10 ASC has a series of subgroups addressing a wide variety of construction and demolition issues ranging from trenching and shoring to ergonomic injury prevention and health hazards. The subgroup meeting schedule will be provided upon request. Interested attendees should contact:

Tim Fisher, CSP, CAE, CHMM, CPEA, ARM  
Director, Practices and Standards  
American Society of Safety Engineers (ASSE)  
1800 East Oakton Street  
Des Plaines, IL 60018  
847/768-3411  
[TFisher@ASSE.Org](mailto:TFisher@ASSE.Org)

## Revision to ANSI/BPI-2400-S-2012

## Standard Practice for Standardized Qualification of Whole-House Energy Savings Predictions by Calibration to Energy Use History

**3.1 Energy Simulation Software Criteria**

Building energy simulation software used in the analysis shall at a minimum meet the following requirements:

- 1) pass the software verification tests listed in Section 4.2.1.1 of Procedures for Certifying Residential Energy Efficiency Tax Credits – RESNET Publication No. 06-001, Nov 7, 2011 of RESNET Publication 06-002-rev\_121806, sections 3.1, 3.4, 3.5 and 3.6.
- 2) be capable of reporting energy consumption separately, by fuel type, for the following end uses at a minimum: space heating, space cooling, water heating, lighting, and other appliances.

**4. Savings Calculations****4.1 Operational Savings Calculation**

Operational energy savings for existing home retrofits shall be determined by comparing a pre-retrofit calibrated operational model with a post-retrofit operational model. To create the post-retrofit operational model, ECMs shall be applied to the calibrated pre-retrofit operational model. Any input adjustments made to the pre-retrofit model to calibrate to the normalized annual usage shall be duplicated in the post-retrofit model, with the exception of inputs altered specific to application of the ECMs. The difference in modeled fuel usage between the calibrated pre-retrofit operational model and the post-retrofit operational model is the operational savings for the proposed ECMs.

**4.2 Asset-Based Savings Calculation**

Asset-based energy savings for existing home retrofits shall be determined by taking the difference between a pre-retrofit calibrated model and a post-retrofit calibrated model, as described in Section 4.1, and additionally in accordance with the provisions of this section.

**4.2.1 Pre-Retrofit Asset Model**

The pre-retrofit asset model for the purposes of determining the asset-based energy savings of a set of ECMs shall be the original configuration of the existing home, as calibrated in accordance with Sections 3.2.1 and/or 3.3.1, with the following exceptions:

- A. The pre-retrofit asset model shall include the full complement of lighting, appliances, and residual miscellaneous energy use as specified by Tables 303.4.1.7.1(1) and 303.4.1.7.1(2) of the 2006 Mortgage Industry National Home Energy Rating System Standards dated November 15, 2011 (hereinafter “the RESNET HERS Standards”).
- B. Where multiple appliances of the same type exist in the original configuration of the existing home, the same number of those appliance types shall be included in the pre-retrofit asset model.
- C. Where a standard appliance, as shown in Tables 303.4.1.7.1(1) and 303.4.1.7.1(2) of the RESNET HERS Standards, does not exist in the original configuration of the existing home, the standard default energy use and internal gains as specified by Table 303.4.1(3) of the RESNET HERS Standards for that appliance shall be included in the pre-retrofit asset model.
  - a. Large permanently-installed end-uses that are not covered by the RESNET Standards (e.g., swimming pool, spa, driveway/sidewalk snowmelt system) shall be included in the asset model as configured in the calibrated operational model.
- D. Standard operating conditions in accordance with Section 3.4 of this standard shall be applied to the pre-retrofit asset model.

## Revision to ANSI/BPI-2400-S-2012

## Standard Practice for Standardized Qualification of Whole-House Energy Savings Predictions by Calibration to Energy Use History

**4.2.2 Post-Retrofit Asset Model**

The post-retrofit asset model for the purpose of determining the asset-based energy savings of a set of ECMs shall be the existing home's configuration in accordance with Section 4.2.1 of this standard, including all ECMs, and including the full complement of lighting, appliances, and residual miscellaneous energy use contained in the home after all energy improvements have been implemented.

- A. Where an appliance has been upgraded but the existing appliance is not removed from the existing home property, both the new and existing appliance shall be included in the post-retrofit model.<sup>1</sup>
- B. Where a standard appliance as shown in Tables 303.4.1.7.1(1) and 303.4.1.7.1(2) of the RESNET HERS Standards does not exist in the improved configuration of the existing home, the standard default energy use and internal gains as specified by Table 303.4.1(3) of the RESNET HERS Standards for that appliance shall be included in the post-retrofit asset model.
- C. Improvements in lighting and appliance energy use in the post-retrofit model shall be calculated in accordance with Section 303.4.1.7.2 of the RESNET HERS Standards.
  - a. Large permanently-installed end-uses that are not covered by the RESNET Standards (e.g., swimming pool, spa, driveway/sidewalk snowmelt system) shall be included in the post-retrofit asset model as configured in the calibrated operational model. Where a pool pump is replaced as part of the ECMs the reduced electric consumption of the new pump may be included in the post-retrofit asset model.
- D. Standard operating conditions in accordance with Section 4.2.3 of this standard shall be applied to the post-retrofit asset model.

**4.2.3 Standard Operating Conditions**

- A. Both the pre- and post-retrofit asset models shall be configured in accordance with the Rated Home specifications of Table 303.4.1(1) of the RESNET HERS Standards, where "same as rated home" shall be taken to mean "same as the pre- and post-retrofit home being modeled" for the purpose of this standard.

**Exceptions:**

- a. Both the pre- and post-retrofit asset model configurations shall not violate the input constraints specified in Section 3.4 of this standard;
- b. Roofs shall be "same as rated home" as modeled in the calibrated operational model;
- c. Crawlspaces shall be "same as rated home" as modeled in the calibrated operational model;
- d. Glazing/external shading may include exterior, fixed, non-architectural shading (trees, buildings, etc), as modeled in the calibrated operational model;

<sup>1</sup> For example, if a refrigerator is upgraded to a more efficient model and the original refrigerator is kept on property for potential use as a second refrigerator; both refrigerators shall be included in the post-retrofit asset model.

## Revision to ANSI/BPI-2400-S-2012

## Standard Practice for Standardized Qualification of Whole-House Energy Savings Predictions by Calibration to Energy Use History

- e. Air exchange rate shall be “same as rated home” as modeled in the calibrated operational model;
- f. Internal mass shall be “same as rated home” as modeled in the calibrated operational model;
- g. Thermal distribution systems shall be “same as rated home” as modeled in the calibrated operational model.

### **4.3 Total Energy Savings Calculations**

#### **4.3.1 Equivalent Energy Use**

Energy units used in the calculation of *total energy savings* and *energy savings percentage* shall be in units of Equivalent Electric Power, using equivalent electric energy for all fossil fuels. Equivalent electric energy use shall be calculated using Equation 4.3.i:

$$kWh_{eq} = kWh_{elec} + \frac{Btu_{fossil} * 0.4}{3412} \quad \text{Eqn. 4.3.i}$$

#### **4.3.2 Total Energy Savings**

Total energy savings shall be calculated as the difference between the whole-house projected equivalent energy use of the pre-retrofit model and the whole-house projected equivalent energy use of the post-retrofit model. Total energy savings shall be calculated for the calibrated operational model, except when a client, sponsor, lender, or other interested third party requires an asset-based total energy savings in which case the asset-based model is used.

#### **4.3.3 Energy Savings Percentage**

The energy savings percentage of the retrofit shall be calculated as the whole-house equivalent energy savings as determined in Section 4.3.1 above, divided by the whole-house equivalent energy use of the pre-retrofit model, multiplied by 100. Energy savings percentage shall be calculated for the calibrated operational model, except when a client, sponsor, lender, or other interested third party requires an asset-based energy savings percentage in which case the asset-based model is used.

## **Annex A: Referenced Documents (Normative)**

RESNET Publication No. 06-002—Procedures for Verification of RESNET Accredited HERS Software Tools. Dec 2006.  
Order by mail: P.O. Box 4561, Oceanside, CA 92052. Available at:  
[http://www.resnet.us/programs/RESNET\\_Pub\\_06-002\\_errata.pdf](http://www.resnet.us/programs/RESNET_Pub_06-002_errata.pdf).

Procedures for Certifying Residential Energy Efficiency Tax Credits – RESNET Publication No. 06-001, Revised Nov 7, 2011. Residential Energy Services Network, Inc., P.O. Box 4561, Oceanside, CA 92052-4561; [www.resnet.us](http://www.resnet.us).

Revision to ANSI/BPI-2400-S-2012

Standard Practice for Standardized Qualification of Whole-House Energy Savings Predictions by Calibration to Energy Use History

*2006 Mortgage Industry National Home Energy Rating Systems Standards*, November 15, 2011. Residential Energy Services Network, Inc., P.O. Box 4561, Oceanside, CA 92052-4561; [www.resnet.us](http://www.resnet.us).

*ASHRAE Guideline 14-2002, Measurement of Energy and Demand Savings*, ASHRAE Guideline 14, 2002. American Society of Heating, Refrigerating and Air-Conditioning Engineers, 1791 Tullie Circle NE, Atlanta, GA 30329; [www.ashrae.org](http://www.ashrae.org).

DRAFT



## BSR/IIAR2-201x, Public Review 4

The following change should have been included on BSR/IIAR 2-201x, public review #3. This public review corrects this error. You are invited to comment on the change shown below in red.

**16.3 \*Electric and Pneumatic Sensor Controls.** Sensing devices that initiate control pulses or signals for refrigeration systems shall comply with this section.

**16.3.1 Design.** Sensing devices which initiate control pulses or signals shall have a design pressure that is not less than the design pressure required by Section 5.6. In addition, the sensing devices shall be in accordance with one or more of the following:

1. Comply with the ultimate strength requirement in Section 16.1.7
2. Document a successful performance history for devices in comparable service conditions.
3. Use a performance-based pressure-containment design substantiated by either proof tests as described in ASME B&PVC, Section VIII, Division 1, Section UG-101 or international equivalent, or an experimental stress analysis.

~~**16.3.1.1 Procedures/Testing.** Sensing devices shall be strength tested to a minimum of 1.1 times the design pressure, subsequently leak tested, and proven tight at a pressure not less than design pressure.~~

**16.3.2 -Equipment Identification.** Manufacturers producing electrical or pneumatic controls shall provide the following minimum nameplate data:

1. Manufacturer's name
2. Manufacturer's serial number, where applicable
3. Manufacturer's model number
4. Electric supply: volts, full load amps, frequency (Hz), phase, where applicable
5. Pneumatic system: control range: maximum supply air pressure, minimum supply air pressure, required ACFM, where applicable
6. Flow direction, where applicable
7. Any special characteristics of a control device shall be noted either on the name tag or in the accompanying literature

Not for publication. This document is part of the NSF International standard development process. This draft text is for circulation for review and/or approval by a NSF Standards Committee and has not been published or otherwise officially adopted. All rights reserved. This document may be reproduced for informational purposes only.

## NSF/ANSI Standard 50 –

### Equipment for Swimming Pools, Spas, Hot Tubs and other Recreational Water Facilities

- 
- 
- 

*Note: This section to be located at the end of the existing sections, before the annexes.*

## **X Heat exchangers, heaters, coolers, and solar water heating systems**

### **X.1 General**

The requirements in this section apply to devices utilized to increase or decrease the temperature of pools, spas, and other recreational waters. Some examples of products addressed by this section include metal and or plastic heat exchangers, heaters, coolers, and solar radiant panel collectors and associated components such as fittings, couplings, and valves.

**X.1.1** Sections of the heater that may require inspection or service shall be accessible.

**X.1.2** Heaters shall be marked or labeled for proper assembly/installation and operation.

**X.1.3** Replacement parts for the heater shall fit the heater without a need for undue alteration of the heater or replacement part.

**X.1.4** Heaters shall comply with the material formulation requirements in 3.2.

**X.1.5** Heaters shall comply with the corrosion resistance requirements in 3.3.

### **X.2 Performance**

Heaters and associated components shall meet the applicable performance requirements of this section based upon their design and construction including related components such as fittings, couplings, valves, controllers, etc.

#### **X.2.1 Dimensional conformity test**

Heaters and associated components under pressure shall be evaluated for dimensional conformance with the piping and fitting dimensions recommended by the manufacturer.

#### **X.2.2 Hydrostatic pressure test**

Heaters and associated components under pressure shall be capable of withstanding a hydrostatic pressure test at 150% of the rated working pressure test per Annex B.

#### **X.2.3 Cyclic pressure test**

Tracking Number 50i74r4  
© 2014 NSF International

Revision to NSF/ANSI 50 – 2014  
Issue 74, Revision 4 (November 2014)

Not for publication. This document is part of the NSF International standard development process. This draft text is for circulation for review and/or approval by a NSF Standards Committee and has not been published or otherwise officially adopted. All rights reserved. This document may be reproduced for informational purposes only.

Heaters and associated components under pressure shall be capable of withstanding 20,000 cycle low/high/low cyclical pressure test per Annex B.

#### X.2.4 Design burst hydrostatic pressure test

Heaters and associated components under pressure shall be capable of withstanding a hydrostatic pressure test at 200% of the rated working pressure test per Annex B.

#### X.2.5 Elevated temperature hydrostatic pressure test

Heaters and associated components under pressure shall be capable of withstanding a hydrostatic pressure test at 200% of the rated working pressure when tested at 140°F (60°C)

#### X.2.6 Head loss curve

Manufacturers shall make available a head loss curve for the heater equipment and associated components.

Heaters Equipment and associated components shall not exceed the head loss indicated by the manufacturer's head loss curve when tested in accordance with manufacturers' installation orientation and plumbing design.

### X.3 Operation and installation instructions

The manufacturer shall provide written operation and installation instructions with each unit. The instructions shall include drawings, charts, and parts list necessary for the proper installation, operation, repair and maintenance of the heater and its associated components.

The operation and installation instruction shall contain the following information:

- A heater's maximum flow rating (LPM, GPM) shall be specified based on the nominal pipe size (or less if requested by the manufacturer) intended to plumb the pressure line. The maximum velocity for any nominal pipe size connection to the heater shall not exceed 3.05 MPS (10 FPS) for PVC pipe, 5 fps for copper pipe or flow rates appropriate for any other piping material to minimize potential corrosion and scale formation;

- A heater's minimum flow rating (LPM, GPM) shall be specified to prevent overheating or scale formation as directed by the manufacturer.

- A warning that the ~~heater equipment is to~~ shall be installed in full compliance with the manufacturer's recommendations as well as the local regulatory and building code requirements for gas supply, plumbing, electrical connections, air exchange and ventilation. Corrosive chemicals should be stored away from the heater to minimize potential damage to the exterior of the heater;

- A warning that the ~~heater equipment is not to~~ shall not be installed immediately after the injection point for low pH or acidic chemicals to minimize potential corrosive damage to the inside of the heater;

Not for publication. This document is part of the NSF International standard development process. This draft text is for circulation for review and/or approval by a NSF Standards Committee and has not been published or otherwise officially adopted. All rights reserved. This document may be reproduced for informational purposes only.

- Reference to recommended use chemicals, maximum, and minimum concentrations (i.e., salt level, total alkalinity, calcium hardness, etc.);

- Applicable caution and warning statements shall be prominently displayed;

Example: If system flow is allowed to stagnate in a solar collector there is potential risk of high water temperatures. Consider draining the system otherwise water in solar collectors can reach high temperatures and create hot liquid/gas. If hot liquids or gas are not purged from the system it could adversely affect plumbing, or the safety of swimmers near water return fittings.

- Instructions or guidance for proper size selection and installation;

- A statement of the manufacturer's warranty, if any; and

- Applicable diagrams and a parts list to facilitate the identification and ordering of replacement parts or other supply and installation needs.

#### **X.4 Marking and product identification**

The heater shall be clearly and permanently marked or labeled with the following:

- manufacturer name and address or website;

- model number;

- serial number, date code, or other means to identify date of production;

- whether the unit was evaluated for pools and/or spas, if not evaluated for both applications;

- working pressure;

- size or capacity;

- flow direction (if applicable);

- maximum head loss; and

- maximum design flow rate.

- 
- 
-

Not for publication. This document is part of the NSF International standard development process. This draft text is for circulation for review and/or approval by a NSF Standards Committee and has not been published or otherwise officially adopted. All rights reserved. This document may be reproduced for informational purposes only.

## Sustainability Assessment for carpet

- 
- 
- 

### 6.3.2 Minimization of indoor volatile organic chemical (VOC) emissions (prerequisite for gold and platinum)

A manufacturer may earn one point by meeting this requirement. The maximum concentration for any chemical emitted at 96 h in emissions tests (following a ten-day conditioning period) shall not result in a modeled indoor air concentration greater than half the chronic reference exposure level (CREL) established by California Office of Environmental Health Hazard Assessment (OEHHA), except formaldehyde, which shall be the full CREL,  $9 \mu\text{g}/\text{m}^3$ . ~~not exceed half the OEHHA indoor reference exposure level (REL).~~ Testing shall be in accordance with ~~CA/DHS/EHLB/R-174~~ the California Department of Public Health Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1, published in February 2010.

NOTE – Compliance with this requirement can be met through participation and compliance with the CRI Green Label Plus Program.

- 
- 
- 
-

**ANSI/TIA-PN-968-B-2-D1**  
**(Addendum to ANSI/TIA-968-B)**

**Telecommunications**  
**Telephone Terminal Equipment**  
**Technical Requirements for Connection of Terminal**  
**Equipment to the Telephone Network – Addendum 2**

Formulated under the cognizance of TIA Subcommittee TR-41.9  
Technical and Administrative Regulatory Considerations

With the concurrence of TIA Engineering Committee TR-41  
Performance and Accessibility for Communications Products



**TABLE OF CONTENTS**

<u>1. SCOPE.....</u>	<u>1</u>
<u>2. ADDITION TO NORMATIVE REFERENCES.....</u>	<u>1</u>
<u>3. ADDITION OF NEW SUB-CLAUSE.....</u>	<u>1</u>

DRAFT



**ANSI/TIA-PN-968-B-2-D1****FOREWORD**

(This foreword is not part of this Standard.)

This document is an addendum to TIA-968-B, *Telecommunications – Telephone Terminal Equipment – Technical Requirements for Connection of Terminal Equipment to the Telephone Network*. It was developed to provide a new sub-clause on test conditions for requirements for testing wideband and narrowband analog telephones for out-of-band emissions.

This addendum was produced by Subcommittee TR-41.9, Technical and Administrative Regulatory Considerations. It was developed in accordance with TIA procedural guidelines, and represents the consensus position of the Subcommittee, which served as the formulating group. It also received the concurrence of Engineering Committee TR-41, Performance and Accessibility for Communications Products.

The leadership of the TR-41.9 Technical and Administrative Regulatory Considerations Subcommittee acknowledges the written contributions provided by the following individuals in the development of this addendum.

Organization	Representative	TIA-968-B-2
Cisco Systems, Inc.	Tim Lawler	✓Editor
Industry Canada	Jason Nixon	✓
Whitesell Consulting LLC	Steve Whitesell	✓

Suggestions for improvement of this document are welcome. They should be sent to:

Telecommunications Industry Association  
 Technology and Standards Department  
 Suite 200  
 1320 N. Courthouse Rd.  
 Arlington, VA 22201  
 ( <http://www.tiaonline.org> )

**ANSI/TIA-PN-968-B-2-D1****1. SCOPE**

This addendum provides changes to TIA-968-B, Telecommunications – Telephone Terminal Equipment – Technical Requirements for Connection of Terminal Equipment to the Telephone Network. Clause 2 adds new ~~informative~~normative references. Clause 3 adds a new sub-clause 5.1.9.4 specifying the use of an acoustic stimulus signal when testing analog telephones having electroacoustic transducers for live voice input for compliance with out-of-band emissions and in-band longitudinal signal requirements. All other clauses in TIA-968-B are not affected.

Additions to the text are shown underlined. Words that appear in *underlined italics* in this addendum are intended as instructions to the reader.

**2. ADDITION TO ~~INFORMATIVE~~NORMATIVE REFERENCES**

Add the following reference to Clause 2:

6. IEEE Std 269-2010, IEEE Standard Methods for Measuring Transmission Performance of Analog and Digital Telephone Sets, Handsets, and Headsets

**3. ADDITION OF NEW SUB-CLAUSE**

Add new sub-clause 5.1.9.4 as follows:

- 5.1.9.4 Voice terminal equipment containing electroacoustic transducers for live voice input, including recording devices, shall comply with the limitations with a real male speech acoustic signal as specified in IEEE Std 269, set to a level of -4.7 dBPa, applied to the electroacoustic transducers.

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

### 1. Inclusion of Low Voltage LED Wire

48.2 In addition to complying with the requirements for one of the NEC cable types in these UL 13 requirements, a cable may also comply with the requirements for one or more of the following:

- a) One of the NEC cable types covered in the requirements for communications cables (UL 444)
- b) One of the NEC cables designated in the requirements for cables for power-limited fire-alarm circuits (UL 1424).
- c) One or more applicable varieties of appliance-wiring material (AWM).
- d) Any applicable CSA cable type.
- e) One of the NEC CATV cable types CATVP, CATVR, CATV, or CATVX covered in the requirements for coaxial cables that distribute television-reception signals from a community antenna.
- f) Low Voltage LED Wire that complies with the Outline of Investigation for Low Voltage LED Wire, UL 2592.

A cable with such multiple qualifications may be surface and tag, reel, or carton marked with the additional NEC type(s), CSA type(s), and as AWM, with each of these additional qualifications including all of the voltage, temperature, and other associated designations that are required, except that an additional NEC type need not include its voltage or temperature rating if the rating is identical to that specified in 46.1. The sequence of these markings is not specified. Each rating and other associated designation shall be clearly tied to the specific cable type or AWM variety to which it applies, and shall be clearly separated from all of the other types and varieties indicated. In a cable marking, the types and varieties (each with its associated designations) shall be separated from one another by "or ", a long dash, or a wide space. In a tag, reel, or carton marking, the types and varieties (each with its associated designations) shall be made clearly distinct from one another by being placed in separate statements. Each statement shall end in a period. Whenever a non-NEC duality is indicated - that is, whenever an AWM variety or a CSA type is stated - each NEC type, AWM variety, and CSA type named shall appear in the following form together with its applicable associated designations "NEC Type \_\_\_\_", "AWM (style number) ", and CSA Type \_\_\_\_ ". "NEC ", "Type ", and the style number are optional.