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American National Standards

Call for comment on proposals listed

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

Ordering Instructions for "Call-for-Comment" Listings

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

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

* Standard for consumer products

Comment Deadline: April 6, 2014

LEO (Leonardo Academy, Inc.)

New Standard

BSR/LEO 4000-201x, National Sustainable Agriculture Standard (new standard)

Establishes a comprehensive framework and common set of environmental, social, and economic metrics by which to determine whether an agricultural crop has been produced and handled in a sustainable manner, from soil preparation and seed planting through production, harvest, post-harvest handling, and distribution for sale. In the future, this standard language will be expanded to include animal production.

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 567-201x, Standard for Safety for Emergency Breakaway Fittings, Swivel Connectors and Pipe-Connection Fittings for Petroleum Products and LP-Gas (revision of ANSI/UL 567-2010)

UL proposes to clarify and revise the Moist Ammonia-Air Stress Cracking Test.

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

Send comments (with copy to psa@ansi.org) to: Marcia Kawate, (408) 754-6743, Marcia.M.Kawate@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 758-201X, Standard for Safety for Appliance Wiring Material (Proposal dated 3/7/14) (revision of ANSI/UL 758-2013)

(1) Miscellaneous changes to UL 758, Table 5.2.

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

Send comments (with copy to psa@ansi.org) to: Linda Phinney, (408) 754-6684, Linda.L.Phinney@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1703-201x, Standard for Flat-Plate Photovoltaic Modules and Panels (revision of ANSI/UL 1703-2013)

(1) Updates to new fire performance procedures, including a new construction type table.

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

Send comments (with copy to psa@ansi.org) to: Susan Malohn, (847) 664-1725, Susan.P.Malohn@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1738-201X, Standard for Safety for Venting Systems for Gas-Burning Appliances, Categories II, III, and IV (revision of ANSI/UL 1738-2011)

UL proposes revised requirements for the vent test temperature and rating clarification.

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

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 2227-201x, Standard for Safety for Overfilling Prevention Devices (revision of ANSI/UL 2227-2009)

Revisions to the test container requirements in the Operation Test.

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

Send comments (with copy to psa@ansi.org) to: Marcia Kawate, (408) 754-6743, Marcia.M.Kawate@ul.com

Comment Deadline: April 21, 2014

AAMI (Association for the Advancement of Medical Instrumentation)

New National Adoption

BSR/AAMI/ISO 13485-201x, Medical devices - Quality management systems - Requirements for regulatory purposes (identical national adoption of and revision of ANSI/AAMI/ISO 13485-2003 (R2013))

Specifies requirements for an organization that needs to demonstrate that its quality management system has the ability to manage the life cycle of medical devices and associated activities consistently to meet customer and appropriate regulatory requirements.

Single copy price: \$25.00

Order from: AAMI

Send comments (with copy to psa@ansi.org) to: Joe Lewelling, (703) 253-8281, JLewelling@aami.org

API (American Petroleum Institute)

Reaffirmation

BSR/API 689/ISO 14224-2007 (R201x), Collection and Exchange of Reliability and Maintenance Data for Equipment (reaffirmation of ANSI/API 689/ISO 14224-2007)

This International Standard provides a comprehensive basis for the collection of reliability and maintenance (RM) data in a standard format for equipment in all facilities and operations within the petroleum, natural gas and petrochemical industries during the operational life cycle of equipment. It describes data-collection principles and associated terms and definitions that constitute a 'reliability language' that can be useful for communicating operational experience. The failure modes defined in the normative part of this International Standard can be used as a 'reliability thesaurus' for various quantitative as well as qualitative applications.

Single copy price: \$212.00

Obtain an electronic copy from: Patrick Hefflinger, HefflingerP@api.org

Order from: Patrick Hefflinger, HefflingerP@api.org

Send comments (with copy to psa@ansi.org) to: Duane Brown, (202) 682-8190, brownd@api.org; jonesj@api.org

ASA (ASC S1) (Acoustical Society of America)***New National Adoption***

BSR/ASA S1.4-201x/Part 1 / IEC 61672-1:2013, Electroacoustics - Sound level meters - Part 1: Specifications (identical national adoption of IEC 61672-1:2013)

This part gives electroacoustical performance specifications for three kinds of sound-measuring instruments: a time-weighting sound-level meter that measures exponential-time-weighted, frequency-weighted sound levels; an integrating-averaging sound-level meter that measures time-averaged, frequency-weighted sound levels; and an integrating sound-level meter that measures frequency-weighted sound exposure levels. An informational annex is proposed to be added to this part.

Single copy price: \$303.00

Obtain an electronic copy from: asastds@aip.org

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

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

ASA (ASC S2) (Acoustical Society of America)***Reaffirmation***

BSR/ASA S2.28-2009 (R201x), Guide for the Measurement and Evaluation of Broadband Vibration of Surface Ship Auxiliary Rotating Machinery (reaffirmation of ANSI/ASA S2.28-2009)

This document provides guidance for assessing the severity of vibrations measured on bearing housings of shipboard machinery so as to ensure reliable mechanical operation. The criteria apply to the vibration of all non-reciprocating machinery on board surface ships, except for main propulsion machinery. They apply to broadband vibration measurements taken on the bearing housings, of machines under steady-state operating conditions with normal operating conditions of speed and load.

Single copy price: \$110.00

Obtain an electronic copy from: asastds@aip.org

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

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

ASA (ASC S3) (Acoustical Society of America)***New National Adoption***

BSR/ASA S3.55-201x/Part 5/IEC 60318-5:2006 (MOD), Electroacoustics - Simulators of Human Head and Ear - Part 5: 2 cm³ coupler for the measurement of hearing aids and earphones coupled to the ear by means of ear inserts (national adoption with modifications of IEC 60318-5 Ed.1.0 b: 2006)

This part describes an acoustic coupler for loading an earphone or hearing aid with a specified acoustic impedance when determining its physical performance characteristics, in the frequency range 125 Hz to 8 kHz. It is suitable for air-conduction hearing aids and earphones, coupled to the ear by means of ear inserts, e.g., ear moulds or similar devices.

Single copy price: \$73.00

Obtain an electronic copy from: asastds@aip.org

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

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

ASA (ASC S3) (Acoustical Society of America)***Reaffirmation***

BSR/ASA S3.45-2009 (R201x), Procedures for Testing Basic Vestibular Function (reaffirmation of ANSI/ASA S3.45-2009)

Defines test procedures, measurements, data analysis, and data reporting requirements for performing and reporting a battery of six different tests for the evaluation of human vestibular function ("Basic Vestibular Function Test Battery"). Stimuli are presented to evoke eye movement by a subject whose response is determined either by measurement of electrical signals generated by the eye movements or by image processing methods applied to video eye movements. Test interpretation is not included.

Single copy price: \$120.00

Obtain an electronic copy from: asastds@aip.org

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

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

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

BSR/ASHRAE Addendum ai to ANSI/ASHRAE Standard 135-2012, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2012)

This addendum creates a BACnet-visible mechanism for viewing and/or configuring a device's network settings so that there is a way for BACnet client devices to easily and consistently access and manipulate this information. It also makes changes to Annex J for the Network Port Object.

Single copy price: \$35.00

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

Order from: standards.section@ashrae.org

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

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

BSR/ASHRAE Addendum aj to ANSI/ASHRAE Standard 135-2012, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2012)

This addendum describes a mechanism by which IPv6 can be added to BACnet and remain backwards compatible with existing devices and adds an additional method for VMAC determination.

Single copy price: \$35.00

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

Order from: standards.section@ashrae.org

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

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

BSR/ASHRAE Addendum an to BSR/ASHRAE Standard 135-2012, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2012)

This addendum adds Extended Length MS/TP Frames. Since BACnet now supports higher baud rates for MS/TP, increasing the frame sizes will allow better throughput as well as opening up future possibilities that the ability to carry full ethernet-sized frames will enable. The addendum also adds a procedure for determining Maximum Conveyable APDU.

Single copy price: \$35.00

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

Order from: standards.section@ashrae.org

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

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

BSR/ASHRAE Addendum ay to ANSI/ASHRAE Standard 135-2012, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2012)

This addendum adds a new object type Timer to allow timer functionality to be network visible. The addendum also corrects Expiry_Time property name to Expiration_Time in the Access Credential Object.

Single copy price: \$35.00

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

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

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

BSR/ASHRAE Addendum az to ANSI/ASHRAE Standard 135-2012, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2012)

The purpose of this addendum is to add Binary Lighting Output Object Type and set Non-zero Values to Change_Of_State_Count and Elapsed_Active_Time.

Single copy price: \$35.00

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

Order from: standards.section@ashrae.org

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

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

BSR/ASHRAE Addendum ba to ANSI/ASHRAE Standard 135-2012, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to ANSI/ASHRAE Standard 135-2012)

The purpose of this addendum is to add CSML Descriptions into BACnet Devices, add Semantic Tags to All Objects, extend Structured View Objects to Contain Semantic Information, and change Clause 21 identifiers to use a consistent format.

Single copy price: \$35.00

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

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

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

BSR/ASME B30.10-2009, Hooks (revision of ANSI/ASME B30.10-2009)

Volume B30.10 includes provisions that apply to the fabrication, attachment, use, inspection, and maintenance of hooks shown in Chapters 10-1 and 10-2 used for load handling purposes, in conjunction with equipment described in other volumes of the B30 Standard. Hooks supporting a load in the base (bowl/saddle or pinhole) of the hook are covered in Chapter 10-1. Hooks that may be loaded in other than the base (bowl/saddle or pinhole) are covered in Chapter 10-2.

Single copy price: Free

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

Order from: Mayra Santiago, ASME; ANSIBOX@asme.org

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

ASTM (ASTM International)**New Standard**

BSR/ASTM D495-201x, Test Method for High-Voltage, Low-Current, Dry Arc Resistance of Solid Electrical Insulation (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**New Standard**

BSR/ASTM D5423-201x, Specification for Forced-Convection Laboratory Ovens for Evaluation of Electrical Insulation (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

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

ASTM (ASTM International)**New Standard**

BSR/ASTM WK19876-201x, Specification for Bicycle Handlebar Grips (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)**New Standard**

BSR/ASTM WK33352-201x, Specification for Black Crosslinked Polyethylene (PEX) Pipe, Fittings and Joints for Gas Distribution Applications (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)**New Standard**

BSR/ASTM WK34588-201x, Practice for Low Impact Paintball Field Operation (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)**New Standard**

BSR/ASTM WK37414-201x, Test Method for Flammability and Resistance of Eaves, Soffits and Other Horizontal Projections to Fire Penetration (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)**New Standard**

BSR/ASTM WK39571-201x, Specification for Eye Protectors for Womens Lacrosse (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)**New Standard**

BSR/ASTM WK41700-201x, Test Method for Determination of Low Levels Heat Release Rate for Materials and Products Using an Oxygen Consumption Calorimeter (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM D2105-2001 (R201x), Test Method for Longitudinal Tensile Properties of Fiberglass (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe and Tube (reaffirmation of ANSI/ASTM D2105-2001 (R2007))

http://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM D3982-2008 (R201x), Specification for Contact Molded Fiberglass (Glass Fiber Reinforced Thermosetting Resin) Ducts (reaffirmation of ANSI/ASTM D3982-2008)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM D4167-1997 (R201x), Specification for Fiber-Reinforced Plastic Fans and Blowers (reaffirmation of ANSI/ASTM D4167-1997 (R2007))

http://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM E1239-2005 (R201x), Practice for Description of Reservation/Registration-Admission, Discharge, Transfer (R-ADT) Systems for Electronic Health Record (EHR) Systems (reaffirmation of ANSI/ASTM E1239-2005 (R2010))

http://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM E1340-2005 (R201x), Guide for Rapid Prototyping of Information Systems (reaffirmation of ANSI/ASTM E1340-2005 (R2010))

http://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM E1744-2005 (R201x), Practice for View of Emergency Medical Care in the Electronic Health Record (reaffirmation of ANSI/ASTM E1744-2005 (R2010))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM E1869-2005 (R201x), Guide for Confidentiality, Privacy, Access, and Data Security Principles for Health Information Including Electronic Health Records (reaffirmation of ANSI/ASTM E1869-2005 (R2010))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM E2017-1999 (R201x), Guide for Amendments to Health Information (reaffirmation of ANSI/ASTM E2017-1999 (R2010))

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM E2212-2002 (R201x), Practice for Healthcare Certificate Policy (reaffirmation of ANSI/ASTM E2212-2002 (R2010))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM E2436-2010 (R201x), Specification for the Representation of Human Characteristics Data in Healthcare Information Systems (reaffirmation of ANSI/ASTM E2436-2010)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM E2749-2010 (R201x), Practice for Measuring the Uniformity of Furnace Exposure on Test Specimens (reaffirmation of ANSI/ASTM E2749-2010)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM E2762-201x, Practice for Sampling a Stream of Product by Variables Indexed by AQL (reaffirmation of ANSI/ASTM E2762-2010)

http://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F697-2000 (R201x), Practice for Care and Use of Athletic Mouth Protectors (reaffirmation of ANSI/ASTM F697-2000 (R2006))

http://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F913-2002 (R201x), Specification for Thermoplastic Elastomeric Seals (Gaskets) for Joining Plastic Pipe (reaffirmation of ANSI/ASTM F913-2002 (R2008))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F2521-2009 (R201x), Specification for Heavy-Duty Ranges, Gas and Electric (reaffirmation of ANSI/ASTM F2521-2009)

http://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F2614-2010 (R201x), Specification for Condition 3 Bicycle Frames (reaffirmation of ANSI/ASTM F2614-2010)

http://www.astm.org/ANSI_SA

Single copy price: Free

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Order from: accreditation@astm.org

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F2680-2009 (R201x), Specification for Manually Operated Front Wheel Retention Systems for Bicycles (reaffirmation of ANSI/ASTM F2680-2009)

http://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F2681-2008 (R201x), Specification for Body Protectors Used in Equine Racing (reaffirmation of ANSI/ASTM F2681-2008)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F2774-2009 (R201x), Practice for Manufacturing Quality Control of Consumer Trampoline Bed Material (reaffirmation of ANSI/ASTM F2774-2009)

http://www.astm.org/ANSI_SA

Single copy price: Free

Obtain an electronic copy from: cleonard@astm.org

Order from: accreditation@astm.org

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

ASTM (ASTM International)**Reaffirmation**

BSR/ASTM F2796-2009 (R201x), Specification for Hot Food Holding Tables (reaffirmation of ANSI/ASTM F2796-2009)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Revision**

BSR/ASTM D257-201x, Test Methods for DC Resistance or Conductance of Insulating Materials (revision of ANSI/ASTM D257-2007)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Revision**

BSR/ASTM D1711-201x, Terminology Relating to Electrical Insulation (revision of ANSI/ASTM D1711-2013)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Revision**

BSR/ASTM D2665-201x, Specification for Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings (revision of ANSI/ASTM D2665-2012)

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ASTM (ASTM International)**Revision**

BSR/ASTM D3517-201x, Specification for Fiberglass (Glass-Fiber-Reinforced Thermosetting-Resin) Pressure Pipe (revision of ANSI/ASTM D3517-2011)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Revision**

BSR/ASTM D3754-201x, Specification for Fiberglass (Glass-Fiber-Reinforced Thermosetting-Resin) Sewer and Industrial Pressure Pipe (revision of ANSI/ASTM D3754-2011)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Revision**

BSR/ASTM D3839-201x, Guide for Underground Installation of Fiberglass (Glass-Fiber Reinforced Thermosetting-Resin) Pipe (revision of ANSI/ASTM D3839-2008)

http://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)**Revision**

BSR/ASTM D3840-201x, Specification for Fiberglass (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe Fittings for Nonpressure Applications (revision of ANSI/ASTM D3840-2010)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Revision**

BSR/ASTM D4161-201x, Specification for Fiberglass (Glass-Fiber-Reinforced Thermosetting-Resin) Pipe Joints Using Flexible Elastomeric Seals (revision of ANSI/ASTM D4161-2006 (R2010))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Revision**

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

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Revision**

BSR/ASTM E176-201x, Terminology of Fire Standards (revision of ANSI/ASTM E176-2013)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Revision**

BSR/ASTM E177-201x, Practice for Use of the Terms Precision and Bias in ASTM Test Methods (revision of ANSI/ASTM E177-2013)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Revision**

BSR/ASTM E535-201x, Practice for Preparation of Fire-Test-Response Standards (revision of ANSI/ASTM E535-2012)

http://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)**Revision**

BSR/ASTM E648-201x, Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source (revision of ANSI/ASTM E648-2010)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Revision**

BSR/ASTM E691-201x, Practice for Conducting an Interlaboratory Study to Determine the Precision of a Test Method (revision of ANSI/ASTM E691-2013)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Revision**

BSR/ASTM E906-201x, Test Method for Heat and Visible Smoke Release Rates for Materials and Products Using a Thermopile Method (revision of ANSI/ASTM E906-2010)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Revision**

BSR/ASTM E1169-201x, Practice for Conducting Ruggedness Tests (revision of ANSI/ASTM E1169-2013)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Revision**

BSR/ASTM E1474-201x, Test Method for Determining the Heat Release Rate of Upholstered Furniture and Mattress Components or Composites Using a Bench Scale Oxygen Consumption Calorimeter (revision of ANSI/ASTM E1474-2010)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Revision**

BSR/ASTM E1529-201x, Test Methods for Determining Effects of Large Hydrocarbon Pool Fires on Structural Members and Assemblies (revision of ANSI/ASTM E1529-2013)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Revision**

BSR/ASTM E1546-201x, Guide for Development of Fire-Hazard-Assessment Standards (revision of ANSI/ASTM E1546-2009a)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Revision**

BSR/ASTM E2226-201x, Practice for Application of Hose Stream (revision of ANSI/ASTM E2226-2012)

http://www.astm.org/ANSI_SA

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Order from: accreditation@astm.org

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ASTM (ASTM International)**Revision**

BSR/ASTM E2653-201x, Practice for Conducting an Interlaboratory Study to Determine Precision Estimates for a Fire Test Method with Fewer Than Six Participating Laboratories (revision of ANSI/ASTM E2653-2009a)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Revision**

BSR/ASTM E2693-201x, Practice for Prevention of Dermatitis in the Wet Metal Removal Fluid Environment (revision of ANSI/ASTM E2693-2009)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Revision**

BSR/ASTM F381-201x, Safety Specification for Components, Assembly, Use, and Labeling of Consumer Trampolines (revision of ANSI/ASTM F381-2013)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Revision**

BSR/ASTM F645-201x, Guide for Selection, Design, and Installation of Thermoplastic Water-Pressure Piping Systems (revision of ANSI/ASTM F645-2013)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Revision**

BSR/ASTM F1275-201x, Test Method for Performance of Griddles (revision of ANSI/ASTM F1275-2003 (R2008))

http://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)**Revision**

BSR/ASTM F1334-201x, Test Method for Determining A-Weighted Sound Power Level of Vacuum Cleaners (revision of ANSI/ASTM F1334-2012)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Revision**

BSR/ASTM F1412-201x, Specification for Polyolefin Pipe and Fittings for Corrosive Waste Drainage Systems (revision of ANSI/ASTM F1412-2009)

http://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)**Revision**

BSR/ASTM F1605-201x, Test Method for Performance of Double-Sided Griddles (revision of ANSI/ASTM F1605-1995 (R2007))

http://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)**Revision**

BSR/ASTM F1919-201x, Specification for Griddles, Single and Double Sided, Self-Heating, Counter or Stand Mounted Gas and Electric Fired (revision of ANSI/ASTM F1919-2010)

http://www.astm.org/ANSI_SA

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

ASTM (ASTM International)**Revision**

BSR/ASTM F2206-201x, Specification for Fabricated Fittings of Butt-Fused Polyethylene (PE) Plastic Pipe, Fittings, Sheet Stock, Plate Stock, or Block Stock (revision of ANSI/ASTM F2206-2011)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Revision**

BSR/ASTM F2880-201x, Specification for Lap-Joint Type Flange Adapters for Polyethylene Pressure Pipe in Nominal Pipe Sizes 34 in. to 65 in. (revision of ANSI/ASTM F2880-2011)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Revision**

BSR/ASTM F2897-201x, Specification for Tracking and Traceability Encoding System of Natural Gas Distribution Components (Pipe, Tubing, Fittings, Valves, and Appurtenances) (revision of ANSI/ASTM F2897-2011)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Revision**

BSR/ASTM F3021-201x, Specification for Universal Design of Fitness Equipment for Inclusive Use by Persons with Functional Limitations and Impairments (revision of ANSI/ASTM F3021-2013)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)**Revision**

BSR/ASTM F3022-201x, Test Method for Evaluating the Universal Design of Fitness Equipment for Inclusive Use by Persons with Functional Limitations and Impairments (revision of ANSI/ASTM F3022-2013)

http://www.astm.org/ANSI_SA

Single copy price: Free

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ASTM (ASTM International)

Revision

BSR/ASTM F3034-201x, Specification for Billets Made by Winding Molten Extruded Stress-Rated High Density Polyethylene (HDPE) (revision of ANSI/ASTM F3034-2013)

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Withdrawal

ANSI/ASTM E2211-2002 (R2010), Specification for Relationship Between a Person (Consumer) and a Supplier of an Electronic Personal (Consumer) Health Record (withdrawal of ANSI/ASTM E2211-2002 (R2010))

http://www.astm.org/ANSI_SA

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ASTM (ASTM International)

Withdrawal

ANSI/ASTM F1614-1999 (R2006), Test Method for Shock Attenuating Properties of Materials Systems for Athletic Footwear (withdrawal of ANSI/ASTM F1614-1999 (R2006))

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ASTM (ASTM International)

Withdrawal

ANSI/ASTM F2949-2012, Specification for Pole Vault Box Collars (withdrawal of ANSI/ASTM F2949-2012)

http://www.astm.org/ANSI_SA

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ATIS (Alliance for Telecommunications Industry Solutions)

New Standard

BSR ATIS 1000013.v2-201x, Lawfully Authorized Electronic Surveillance (LAES) for Internet Access and Services, Version 2 (new standard)

Internet Access and Services can be obtained by establishing a subscription-based arrangement. This standard provides capabilities to lawfully intercept communications of subscription-based Internet Access and Services arrangements.

Single copy price: \$220.00

Obtain an electronic copy from: kconn@atis.org

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

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

ATIS (Alliance for Telecommunications Industry Solutions)

New Standard

BSR ATIS 1000678.v3.201x, Lawfully Authorized Electronic Surveillance (LAES) for Voice over Packet Technologies in Wireline Telecommunications Networks, Version 3 (new standard)

This document provides the mechanisms to perform lawfully authorized electronic surveillance of VoP subject to the appropriate legal and regulatory environment. It is not the intent of this document to imply or impact any pending Communications Assistance for Law Enforcement Act (CALEA) regulatory decisions related to VoP.

Single copy price: \$535.00

Obtain an electronic copy from: kconn@atis.org

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

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

ATIS (Alliance for Telecommunications Industry Solutions)

Withdrawal

ANSI ATIS 1000013-2007, Lawfully Authorized Electronic Surveillance (LAES) for Internet Access and Services (withdrawal of ANSI ATIS 1000013-2007)

This standard supports the ability of Internet access providers and Internet service providers to assist law enforcement agencies in intercepting Internet broadband data and defines the communication-identifying information and content to be intercepted and reported, as well as the delivery format. Additionally, the standard provides for a "safe harbor" as specified in Section 107 of the Communications Assistance for Law Enforcement Act (CALEA).

Single copy price: \$250.00

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

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

ANSI ATIS 1000013.a-2009, Supplement to Lawfully Authorized Electronic Surveillance (LAES) for Internet Access and Services (withdrawal of ANSI ATIS 1000013.a-2009)

This is a supplement to ATIS 1000013-2007. This supplement identifies changes (additions and deletions) to ATIS 1000013-2007.

Single copy price: \$110.00

Obtain an electronic copy from: kconn@atis.org

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

BSR/AWWA C150-A21.50-2014, Thickness Design of Ductile-Iron Pipe (revision of ANSI/AWWA C150-2008)

This standard describes the thickness design of ductile-iron pipe complying with the requirements of ANSI/AWWA C151/A21.51, Ductile-Iron Pipe, Centrifugally Cast.

Single copy price: \$20.00

Obtain an electronic copy from: vdavid@awwa.org

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

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

CSA (CSA Group)**Reaffirmation**

BSR Z21.17-1998 (R201x); BSR Z21.17a-2008 (201x), Standard for Domestic Gas Conversion Burners (same as CSA 2.7-M98 and CSA 2.7a) (reaffirmation of ANSI Z21.17-1998 (R2009); ANSI Z21.17a-2008 (R2009))

Details test and examination criteria for domestic conversion burners for use with natural, manufactured, and mixed gases; liquefied petroleum gases; and LP gas-air mixtures.

Single copy price: \$468.00

Obtain an electronic copy from: david.zimmerman@csagroup.org

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

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

ISEA (International Safety Equipment Association)**Revision**

BSR/ISEA Z89.1-201x, Industrial Head Protection (revision of ANSI/ISEA Z89.1-2009)

This standard establishes minimum performance requirements for protective helmets that reduce the forces of impact and penetration and that may provide protection from electrical shock. It also includes product assessment for optional features. Type and class designations and product markings are also included.

Single copy price: \$35.00

Obtain an electronic copy from: cfargo@safetysafetyequipment.org

Order from: Cristine Fargo, (703) 525-1695, cfargo@safetysafetyequipment.org

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

NCPDP (National Council for Prescription Drug Programs)**Revision**

BSR/NCPDP SC WG110059201xxx#, NCPDP SCRIPT Standard 201xxx# (revision and redesignation of ANSI/NCPDP SC WG110058201xxx#)

The standard provides general guidelines for developers of pharmacy or physician management systems who wish to provide prescription transmission functionality to their clients. The standard addresses the electronic transmission of new prescriptions, prescription refill requests, prescription fill status notifications, and cancellation notifications.

Single copy price: \$200.00 (non-member)

Obtain an electronic copy from: kkrempin@ncpdp.org

Order from: Kitty Krempin, (512) 291-1356, kkrempin@ncpdp.org

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

TIA (Telecommunications Industry Association)**Revision**

BSR/TIA 571-C-201x, Telecommunications - Telephone Terminal Equipment - Electrical, Thermal and Mechanical Environmental Performance Requirements (revision and redesignation of ANSI/TIA 571-B-2007)

TIA-571-B is up for 5-year review. It has been determined that updating and revisions are required. Some items that need consideration are:

- Scope – Expansion of the scope to include communications equipment typically found at the premises in today's broadband environment;
- Vibration tests – It is now generally recognized that random vibration is more representative of real-world conditions and should replace the current sinusoidal vibration tests;
- Surge tests – Consideration should be given to TIA 1194, Surge Resistibility of Smart Grid Equipment Connected to either DC or 120/240 V Single Phase AC and Metallic Communication Lines, as well as a complete review of this section to make sure the standard reflects the latest technologies, installations and adequately addresses the real surge environment for various types of equipment; and
- Different testing paths should be considered for different uses and installations of equipment. For example, consumer/enterprise, portable/installed equipment, etc.

Single copy price: \$103.00

Obtain an electronic copy from: standards@tiaonline.org

Order from: Telecommunications Industry Association (TIA), standards@tiaonline.org

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

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

BSR/UL 30-2004 (R201x), Standard for Safety for Metal Safety Cans (reaffirmation of ANSI/UL 30-2004 (R2009))

The following is being proposed: (1) Reaffirmation and continuance of the ninth edition of the Standard for Metal Safety Cans, UL 30, as an American National Standard.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Heather Sakellariou, (847) 664-2346, Heather.Sakellariou@ul.com

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

BSR/UL 1314-2005 (R201x), Standard for Safety for Special-Purpose Metal Containers (reaffirmation of ANSI/UL 1314-2005 (R200x))

The following is being proposed: (1) Reaffirmation and continuance of the 4th edition of the Standard for Special-Purpose Metal Containers, UL 1314, as an American National Standard.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Heather Sakellariou, (847) 664-2346, Heather.Sakellariou@ul.com

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

BSR/UL 2367-2009 (R201x), Standard for Safety for Solid State Overcurrent Protectors (reaffirmation of ANSI/UL 2367-2009)

UL proposes a reaffirmation for UL 2367.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

Send comments (with copy to psa@ansi.org) to: Dale Ivery, (919) 549-0989, Dale.Ivery@ul.com

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

BSR/UL 588-201x, Standard for Safety for Seasonal and Holiday Decorative Products (revision of ANSI/UL 588-2013a)

This covers revisions to the scope of the standard and revisions to the requirements for Class 2 power supplies.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

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

BSR/UL 2388-201x, Standard for Safety for Flexible Lighting Products (revision of ANSI/UL 2388-2009)

This covers revisions to requirements for Class 2 power supplies; revisions for conductor sizes and miscellaneous editorial revisions.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

Comment Deadline: May 6, 2014

Reaffirmations and withdrawals available electronically may be accessed at: webstore.ansi.org

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

BSR/ASME HST-2-201x, Performance Standard for Hand Chain Manually Operated Chain Hoists (revision of ANSI/ASME HST-2-2010 (R2010))

(a) This Standard establishes performance requirements for hand chain manually operated chain hoists for vertical lifting service involving material handling of freely suspended (unguided) loads, using welded link type load chain as a lifting medium, with one of the following types of suspension:

(1) hook or clevis;

(2) trolley.

(b) This Standard is applicable to hoists manufactured after the date on which this Standard is issued. Differential pulley and self-locking worm drive type hoists are not covered in this Standard.

(c) This Standard is not applicable to:

(1) damaged or malfunctioning hoists;

(2) hoists that have been misused or abused;

(3) hoists that have been altered without authorization of the manufacturer or a qualified person;

(4) hoists used for lifting or supporting people;

(5) hoists used for the purpose of drawing both the load and the hoist up or down the hoist's own wire rope; and

(6) hoists used for marine and other applications as required by the Department of Defense (DOD).

Single copy price: Free

Order from: Mayra Santiago, ASME; ANSIBOX@asme.org

Send comments (with copy to psa@ansi.org) to: Matthew Gerson, (212) 591-7179, gersonm@asme.org

UL (Underwriters Laboratories, Inc.)**New National Adoption**

BSR/UL 60384-14-201x, Standard for Safety for Fixed Capacitors for Use in Electronic Equipment - Part 14: Sectional Specification: Fixed Capacitors for Electromagnetic Interference Suppression and Connection to the Supply Mains (identical national adoption of IEC 60384-14)

This part of IEC 60384 applies to capacitors and resistor-capacitor combinations which will be connected to an a.c. mains or other supply with nominal voltage not exceeding 1 000 V a.c. (r.m.s.) or 1 000 V d.c. and with a nominal frequency not exceeding 100 Hz.

Single copy price: Contact comm2000 for pricing and delivery options

Obtain an electronic copy from: www.comm-2000.com

Order from: comm2000

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

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

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

ANSI/HL7 CMS APP, R1-2008, HL7 Clinical Context Management Specification (CCOW) Application Protection Package, Release 1

ANSI/HL7 CMS CMPP, R1-2008, HL7 Clinical Context Management Specification (CCOW) Context Manager Protection Package, Release 1

ANSI/HL7 CMS USPP, R1-2008, HL7 Clinical Context Management Specification (CCOW) User Authentication Protection Package, Release 1

Correction

There was an error in the call for comment section of the February 21, 2014 issue of Standards Action for BSR/NISO Z39.99-201x, ResourceSync Framework Specification. The information for ordering copies and sending comments should have indicated the following:
Order from: <http://www.niso.org/contact/> Send comments (with copy to psa@ansi.org) to: Same Obtain an electronic copy from: http://www.niso.org/apps/group_public/download.php/12245/z39-99-201x_final_for_ballot.pdf

Call for Members (ANS Consensus Bodies)

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

AAMI (Association for the Advancement of Medical Instrumentation)

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

Contact: *Hillary Woehrle*

Phone: (703) 300-7599

Fax: (703) 276-0793

E-mail: HWoehrle@aami.org; customerservice@aami.org

BSR/AAMI/ISO 13485-201x, Medical devices - Quality management systems - Requirements for regulatory purposes (identical national adoption of and revision of ANSI/AAMI/ISO 13485-2003 (R2013))

API (American Petroleum Institute)

Office: 1220 L Street, NW
Washington, DC 20005

Contact: *Duane Brown*

Phone: (202) 682-8190

Fax: (202) 962-4797

E-mail: brownd@api.org; jonesj@api.org

BSR/API 689/ISO 14224-2007 (R201x), Collection and Exchange of Reliability and Maintenance Data for Equipment (reaffirmation of ANSI/API 689/ISO 14224-2007)

ASA (ASC S1) (Acoustical Society of America)

Office: 35 Pinelawn Road
Suite 114E
Melville, NY 11747

Contact: *Susan Blaeser*

Phone: (631) 390-0215

Fax: (631) 390-0217

E-mail: sblaeser@aip.org; asastds@aip.org

BSR/ASA S1.4-201x/Part 1 / IEC 61672-1:2013, Electroacoustics - Sound level meters - Part 1: Specifications (identical national adoption of IEC 61672-1:2013)

ASA (ASC S2) (Acoustical Society of America)

Office: 35 Pinelawn Road
Suite 114E
Melville, NY 11747

Contact: *Susan Blaeser*

Phone: (631) 390-0215

Fax: (631) 390-0217

E-mail: sblaeser@aip.org; asastds@aip.org

BSR/ASA S2.28-2009 (R201x), Guide for the Measurement and Evaluation of Broadband Vibration of Surface Ship Auxiliary Rotating Machinery (reaffirmation of ANSI/ASA S2.28-2009)

ASA (ASC S3) (Acoustical Society of America)

Office: 35 Pinelawn Road
Suite 114E
Melville, NY 11747

Contact: *Susan Blaeser*

Phone: (631) 390-0215

Fax: (631) 390-0217

E-mail: sblaeser@aip.org; asastds@aip.org

BSR/ASA S3.45-2009 (R201x), Procedures for Testing Basic Vestibular Function (reaffirmation of ANSI/ASA S3.45-2009)

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

Office: 1791 Tullie Circle NE
Atlanta, GA 30329

Contact: *Tanisha Meyers-Lisle*

Phone: (678) 539-1111

Fax: (678) 539-2111

E-mail: tmlisle@ashrae.org

BSR/ASHRAE Standard 41.9-201X, Standard Methods for Volatile-Refrigerant Mass Flow Measurements Using Calorimeters (revision of ANSI/ASHRAE Standard 41.9-2011)

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

BSR/ASSE Z359.4-201X, Safety Requirements for Assisted-Rescue & Self-Rescue Systems, Subsystems & Components (revision of ANSI/ASSE Z359.4-2013)

BSR/ASSE Z359.6-201X, Specifications & Design Requirements for Active Fall Protection Systems (revision of ANSI/ASSE Z359.6-2009)

BSR/ASSE Z359.7-201x, Qualification and Verification Testing of Fall Protection Products (revision of ANSI/ASSE Z359.7-2011)

BSR/ASSE Z359.12-201X, Connecting Components for Personal Fall Arrest Systems (revision of ANSI/ASSE Z359.12-2009)

BSR/ASSE Z359.13-201X, Personal Energy Absorbers and Energy Absorbing Lanyards (revision of ANSI/ASSE Z359.13-2013)

BSR/ASSE Z359.0 201X, Definitions & Nomenclature Used for Fall Protection & Fall Arrest (revision of ANSI/ASSE Z359.0-2012)

AWS (American Welding Society)

Office: 8669 NW 36 Street
#130
Miami, FL 33166-6672

Contact: *Brian McGrath*

Phone: (800) 443-9353 x311

Fax: (305) 443-5951

E-mail: BMCGRATH@AWS.ORG

BSR/AWS D10.23/D10.23M-201x, Specification for the Qualification of Personnel for Local Heat Treatment of Welds in Pipe and Tube Components (new standard)

ISA (ISA)

Office: 67 Alexander Drive
Research Triangle Park, NC 27709

Contact: *Eliana Brazda*

Phone: (919) 990-9228

Fax: (919) 549-8288

E-mail: ebrazda@isa.org

BSR/ISA 77.30.01-201x, Power Plant Control System Dynamic Performance Test Methods and Procedures (new standard)

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

Office: 1101 K Street NW
Suite 610
Washington, DC 20005-3922

Contact: *Rachel Porter*

Phone: (202) 626-5741

Fax: 202-638-4922

E-mail: comments@itic.org

BSR INCITS 538-201x, Information technology - SAS Protocol Layer - 4 (new standard)

INCITS/ISO/IEC 18025:2014, Information technology - Environmental Data Coding Specification (EDCS) (identical national adoption of ISO/IEC 18025:2014 and revision of INCITS/ISO/IEC 18025:2005 [2009])

NISO (National Information Standards Organization)

Office: One North Charles Street
Suite 1905
Baltimore, MD 21201

Contact: *Cynthia Hodgson*

Phone: (301) 654-2512

Fax: (410) 685-5278

E-mail: hodgsonca@verizon.net

BSR/NISO Z39.99-201x, ResourceSync Framework Specification (new standard)

NSF (NSF International)

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

Contact: *Jessica Evans*

Phone: (734) 913-5774

E-mail: jevans@nsf.org

BSR/NSF 438-201x, Ingredient Good Manufacturing Practices (new standard)

TIA (Telecommunications Industry Association)

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

Contact: *Marianna Kramarikova*

Phone: (703) 907-7743

E-mail: standards@tiaonline.org

BSR/TIA 102.AAAB-A-1-201x, Project 25 - Digital Land Mobile Radio - Security Services Overview (addenda to ANSI/TIA 102.AAAB-A-2005)

BSR/TIA 571-C-201x, Telecommunications - Telephone Terminal Equipment - Electrical, Thermal and Mechanical Environmental Performance Requirements (revision and redesignation of ANSI/TIA 571-B-2007)

UL (Underwriters Laboratories, Inc.)

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

Contact: *Linda Phinney*

Phone: (408) 754-6684

Fax: (408) 754-6684

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

BSR/UL 331A-201X, Standard for Safety for Strainers for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (new standard)

BSR/UL 331B-201X, Standard for Safety for Strainers for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (new standard)

BSR/UL 428A-201x, Standard for Electrically Operated Valves for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations Up to 85 Percent (E0 - E85) (new standard)

BSR/UL 428B-201x, Standard for Electrically Operated Valves for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations Up to 20 Percent (B20), Kerosene, and Fuel Oil (new standard)

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.

ASME (American Society of Mechanical Engineers)

Reaffirmation

ANSI/ASME B5.9-1967 (R2014), Spindle Noses for Tool Room Lathes, Engine Lathes, Turret Lathes, and Automatic Lathes (reaffirmation of ANSI/ASME B5.9-1967 (R2009)): 2/28/2014

ANSI/ASME B5.18-1972 (R2014), Spindle Noses and Tool Shanks for Milling Machines (reaffirmation of ANSI/ASME B5.18-1972 (R2009)): 2/28/2014

ANSI/ASME Y14.8-2009 (R2014), Castings, Forgings and Molded Parts (reaffirmation of ANSI/ASME Y14.8-2009): 2/28/2014

ANSI/ASME Y32.7-1972 (R2014), Graphic Symbols for Railroad Maps and Profiles (reaffirmation of ANSI/ASME Y32.7-1972 (R2009)): 2/28/2014

Revision

ANSI/ASME A120.1-2014, Safety Requirements for Powered Platforms and Traveling Ladders and Gantries for Building Maintenance (revision of ANSI/ASME A120.1-2008): 3/4/2014

ASTM (ASTM International)

New Standard

ANSI/ASTM F1606-2014, Practice for Rehabilitation of Existing Sewers and Conduits with Deformed Polyethylene PE Liner (new standard): 3/1/2014

Reaffirmation

ANSI/ASTM F906-1985 (R2014), Specification for Letters and Numerals for Ships (reaffirmation of ANSI/ASTM F906-1985 (R2008)): 3/1/2014

ANSI/ASTM F1007-1997 (R2014), Specification for Pipeline Expansion Joints of the Packed Slip Type for Marine Application (reaffirmation of ANSI/ASTM F1007-1997 (R2007)): 3/1/2014

ANSI/ASTM F1179-1997 (R2014), Practice for Inspection Procedure for Use of Anaerobic Thread Locking Compounds with Studs (reaffirmation of ANSI/ASTM F1179-1997 (R2007)): 3/1/2014

ANSI/ASTM F1888-2009 (R2014), Test Method for Compression-Displacement of Baseballs and Softballs (reaffirmation of ANSI/ASTM F1888-2009): 3/1/2014

Revision

ANSI/ASTM E329-2014, Specification for Agencies Engaged in Construction Inspection, Testing, or Special Inspection (revision of ANSI/ASTM E329-2013): 3/1/2014

ANSI/ASTM F2845-2014, Test Method for Measuring the Dynamic Stiffness (DS) and Cyndrical Coefficient of Restitution (CCOR) of Baseballs and Softballs (revision of ANSI/ASTM F2845-2011): 3/1/2014

Withdrawal

ANSI/ASTM E2411-2007, Specification for Chemical Warfare Vapor Detector (CWVD) (withdrawal of ANSI/ASTM E2411-2007): 2/25/2014

ECA (Electronic Components Association)

New National Adoption

ANSI/EIA 60384-1-2014, Fixed capacitors for use in electronic equipment; Part 1: Generic specification (identical national adoption of IEC 60384-1): 3/3/2014

Revision

ANSI/EIA 575-B-2014, Thick Film Resistor Specification (revision and redesignation of ANSI/EIA 575-A-2005): 3/3/2014

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

New Standard

INCITS 508-2014, Information technology - Storage Management - HBA - 2nd Generation (SM-HBA-2) (new standard): 3/5/2014

NCPDP (National Council for Prescription Drug Programs)

Revision

ANSI/NCPDP MR v07.00-2014, NCPDP Manufacturer Rebate Utilization, Plan, Formulary, Market Basket, and Reconciliation Flat File Standard v07.00-201x (revision and redesignation of ANSI/NCPDP MR v06.01-2013): 2/28/2014

NECA (National Electrical Contractors Association)

Revision

ANSI/NECA 404-2014, Standard for Installing Generator Sets (revision of ANSI/NECA 404-2006): 2/28/2014

NSF (NSF International)

Revision

* ANSI/NSF 53-2014 (i95r1), Drinking Water Treatment Units - Health Effects (revision of ANSI/NSF 53-2013): 3/2/2014

PRCA (Professional Ropes Course Association)

New Standard

* ANSI/PRCA 1.1-3-2014, Ropes Challenge Course Installation, Operation & Training Standards (new standard): 3/3/2014

RESNET (Residential Energy Services Network, Inc.)

New Standard

* ANSI/RESNET 301-2014, Standard for the Calculation and Labeling of the Energy Performance of Low-Rise Residential Buildings using the HERS Index (new standard): 3/4/2014

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

New Standard

* ANSI A92.7-2014, Standard for Airline Ground Support Vehicle-Mounted Vertical Lift Devices (new standard): 3/4/2014

UL (Underwriters Laboratories, Inc.)

Revision

ANSI/UL 427-2014, Standard for Safety for Refrigerating Units (revision of ANSI/UL 427-2013): 2/28/2014

ANSI/UL 427-2014a, Standard for Safety for Refrigerating Units (revision of ANSI/UL 427-2013): 2/28/2014

ANSI/UL 427-2014b, Standard for Safety for Refrigerating Units (revision of ANSI/UL 427-2013): 2/28/2014

Project Initiation Notification System (PINS)

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

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

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

ADA (American Dental Association)

Office: 211 E. Chicago Ave
Chicago, IL 60611

Contact: Kathy Medic

Fax: (312) 440-2529

E-mail: medick@ada.org

BSR/ADA Specification No. 108-201x, Amalgam Separators (national adoption of ISO 11143:2008 with modifications and revision of ANSI/ADA Specification No. 108-2009)

Stakeholders: Dental professionals, dental product manufacturers.

Project Need: The revision will revise the current standard to better reflect the needs of the U.S. market.

This standard specifies requirements and test methods for amalgam separators used in connection with dental equipment in the dental treatment center. It specifies the efficiency of the amalgam separators in terms of the level of retention of amalgam based on a laboratory test and the test procedure for determining this efficiency. It also includes requirements for the safe functioning of the amalgam separator, for marking, and for instructions for use, operation and maintenance.

BSR/ADA Specification No. 126-201x, Casting Investments and Refractory Die Materials (identical national adoption of ISO 15912:2006 and ISO 15912:2006/Amd 1:2011 and revision of ANSI/ADA Specification No. 126-2009)

Stakeholders: Dentists and manufacturers of casting investments and refractory die materials.

Project Need: This revision will bring the ANSI/ADA Standard up to date with the most recent ISO standard.

This standard is applicable to dental casting, brazing and refractory investments and refractory die materials, regardless of the nature of the binding system or the particular application. This standard classifies investments into types according to their intended use and classes according to the burn-out procedure recommended by the manufacturer. This standard specifies requirements for the essential physical and mechanical properties of the materials and the test methods used to determine them. This standard also includes requirements for the information and instructions which accompany each package.

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

Office: 1791 Tullie Circle NE
Atlanta, GA 30329

Contact: Tanisha Meyers-Lisle

Fax: (678) 539-2111

E-mail: tmlisle@ashrae.org

BSR/ASHRAE Standard 41.9-201X, Standard Methods for Volatile-Refrigerant Mass Flow Measurements Using Calorimeters (revision of ANSI/ASHRAE Standard 41.9-2011)

Stakeholders: Consumers, test labs, manufacturers of refrigerant compressors and air conditioning systems, and AHRI and other rating agencies.

Project Need: ANSI/ASHRAE Standard 41.9 is used to measure the refrigerant mass flow rate through refrigerant compressors, condensing units, heat exchangers, and mass flow control devices. ANSI/ASHRAE Standard 41.9 is a primary reference in ANSI/ASHRAE Standard 23.1 and is probably referenced by other MOT standards.

This standard provides recommended practices for measuring the mass flow rate of volatile refrigerants using calorimeters.

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

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

Contact: Timothy Fisher

Fax: (847) 296-9221

E-mail: TFisher@ASSE.org

BSR/ASSE Z359.4-201X, Safety Requirements for Assisted-Rescue & Self-Rescue Systems, Subsystems & Components (revision of ANSI/ASSE Z359.4-2013)

Stakeholders: Safety, health, and environmental professionals responsible for fall protection and fall arrest.

Project Need: Based upon the consensus of safety, health, and environmental professionals responsible for fall protection and fall arrest.

This standard establishes requirements for the performance, design, qualification testing, markings and instructions, inspections, maintenance and storage, and removal from service of self-retracting devices (SRDs) including self-retracting lanyards (SRLs), self-retracting lanyards with integral rescue capability (SRL-Rs), and self-retracting lanyards with leading edge capability (SRL-LEs). This standard establishes requirements for SRDs intended for use in personal fall arrest or rescue systems for authorized persons within the capacity range of 130 to 310 pounds (59 to 141 kg).

BSR/ASSE Z359.6-201X, Specifications & Design Requirements for Active Fall Protection Systems (revision of ANSI/ASSE Z359.6-2009)

Stakeholders: Safety, health, and environmental professionals responsible for fall protection and fall arrest.

Project Need: Based upon the consensus of safety, health, and environmental professionals responsible for fall protection and fall arrest.

This standard is intended for engineers with expertise in designing fall protection systems. It specifies requirements for the design and performance of complete active fall protection systems, including travel restraint and vertical and horizontal fall arrest systems.

BSR/ASSE Z359.7-201x, Qualification and Verification Testing of Fall Protection Products (revision of ANSI/ASSE Z359.7-2011)

Stakeholders: Safety, health, and environmental professionals responsible for fall protection and fall arrest.

Project Need: Based upon the consensus of safety, health, and environmental professionals responsible for fall protection and fall arrest.

This standard specifies requirements for qualification and verification testing of ANSI/ASSE Z359, Fall Protection Code, products. It includes requirements for third-party testing, witness testing and manufacturer testing of fall protection products to the requirements of the ANSI/ASSE Z359 standards.

BSR/ASSE Z359.12-201X, Connecting Components for Personal Fall Arrest Systems (revision of ANSI/ASSE Z359.12-2009)

Stakeholders: Safety, health, and environmental professionals responsible for fall protection and fall arrest.

Project Need: Based upon the consensus of safety, health, and environmental professionals responsible for fall protection and fall arrest.

This standard establishes requirements for the performance, design, marking, qualification, test methods and removal from service of connectors.

BSR/ASSE Z359.13-201X, Personal Energy Absorbers and Energy Absorbing Lanyards (revision of ANSI/ASSE Z359.13-2013)

Stakeholders: Safety, health, and environmental professionals responsible for fall protection and fall arrest.

Project Need: Based upon the consensus of safety, health, and environmental professionals responsible for fall protection and fall arrest.

This standard establishes requirements for the performance, design, marking, qualification, instructions, inspection, maintenance and removal from service of energy absorbing lanyards and personal energy absorbers. It is the intention of this standard to require all energy absorbing lanyards and personal energy absorbers to reduce the forces implied on the user to less than 10 Gs (10 times the normal gravitational pull of the Earth). Users must be within the range of 130 to 310 lbs (59 - 140 kg.).

BSR/ASSE Z359.0 201X, Definitions & Nomenclature Used for Fall Protection & Fall Arrest (revision of ANSI/ASSE Z359.0-2012)

Stakeholders: Safety, health, and environmental professionals responsible for fall protection and fall arrest.

Project Need: Based upon the consensus of safety, health, and environmental professionals responsible for fall protection and fall arrest.

This standard establishes the definitions and nomenclature used for the Z359 Fall Protection Code.

ATIS (Alliance for Telecommunications Industry Solutions)

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

Contact: Kerianne Conn

Fax: (202) 347-7125

E-mail: kconn@atis.org; jpemard@atis.org

BSR ATIS 100063-201x, SIP NNI Routing Solution Framework (new standard)

Stakeholders: Communications industry.

Project Need: To identify a baseline set of features that should be common to all IP-NNI implementations for voice service.

To identify a baseline set of features that should be common to all IP-NNI implementations for voice service.

BSR ATIS 1000062-201x, IP Network-to-Network Interface Profile (new standard)

Stakeholders: Communications industry.

Project Need: To identify a baseline set of features that should be common to all IP-NNI implementations for voice service.

To identify a baseline set of features that should be common to all IP-NNI implementations for voice service.

AWS (American Welding Society)

Office: 8669 NW 36 Street
#130
Miami, FL 33166-6672

Contact: Brian McGrath

Fax: (305) 443-5951

E-mail: BMCGRATH@AWS.ORG

BSR/AWS D10.22/D10.22M-201x, Specification for Local Heating of Welds in Creep Strength-Enhanced Ferritic Steels, in Piping and Tubing Using Electric Resistance Heating (new standard)

Stakeholders: Welded product consumers and fabricators.

Project Need: Provide a set of standard requirements for heat treatment of a specific group of steels.

This standard describes several methods of applying locally controlled heat to weld joints and a limited volume of base metal adjacent to the joints, as opposed to heating the whole weldment in a furnace or oven. This standard is written to apply to the local heating of Creep Strength-Enhanced Steels (ASME designation P-15E and similar steels) by the use of electrical resistance heating pads.

BSR/AWS D10.23/D10.23M-201x, Specification for the Qualification of Personnel for Local Heat Treatment of Welds in Pipe and Tube Components (new standard)

Stakeholders: Welded product consumers and fabricators.

Project Need: Establish a formal accredited curriculum to support industry needs.

Establish a formal, accredited curriculum, as requested by energy owners, contractors and heat treatment service providers, to qualify a fundamental understanding of field heat treatment and performance competency.

HL7 (Health Level Seven)

Office: 3300 Washtenaw Avenue
Suite 227
Ann Arbor, MI 48104

Contact: *Karen Van Hentenryck*

Fax: (734) 677-6622

E-mail: Karenvan@HL7.org

BSR/HL7 V2.8.1-201x, Health Level Seven Standard Version 2.8.1 - An Application Protocol for Electronic Data Exchange in Healthcare Environments (revision of ANSI HL7 V2.8-2014)

Stakeholders: Pharmaceutical, healthcare, EHR vendors.

Project Need: Updates to support meaningful use.

The proposed item is an interim release of the Version 2.8 standard that is deemed necessary to support the development of a number of implementation guides to support an upcoming Meaningful Use stage issued by the US Federal Government's Health and Human Services (HHS). The proposed changes are as follows: (1) New order control codes - Updated application acknowledgement message structures; (2) Addition of new fields in OBX; and (3) Updated conformance constructs.

ISA (ISA)

Office: 67 Alexander Drive
Research Triangle Park, NC 27709

Contact: *Eliana Brazda*

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E-mail: ebrazda@isa.org

BSR/ISA 77.30.01-201x, Power Plant Control System Dynamic Performance Test Methods and Procedures (new standard)

Stakeholders: Consumers, manufacturers, regulatory bodies.

Project Need: To establish dynamic performance criteria for power plant control systems by specifying a consistent means of evaluating control system performance necessary to comply with contractual specifications and other dynamic performance requirements.

The standard defines test procedures, data collection requirements and data analysis methods for determining and reporting the dynamic performance of control systems for boiler and turbine control systems on generating units with a rated capacity of 25 MW or greater or a boiler steam flow greater than 25 kg/s (200,000 lb/hr). This standard covers aspects of dynamic plant operation including constant load operation, normal load ramping operation, grid regulation operation, and response to frequency upset, load runback, and load rundown operation.

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

Office: 1101 K Street NW
Suite 610
Washington, DC 20005-3922

Contact: *Barbara Bennett*

Fax: (202) 638-4922

E-mail: comments@itic.org

INCITS/ISO/IEC 18025:2014, Information technology - Environmental Data Coding Specification (EDCS) (identical national adoption of ISO/IEC 18025:2014 and revision of INCITS/ISO/IEC 18025:2005 [2009])

Stakeholders: ICT industry.

Project Need: Adoption of this International Standard will be beneficial to the ICT industry.

ISO/IEC 18025:2014 provides mechanisms to specify unambiguously objects used to model environmental concepts. To accomplish this, a collection of nine EDCS dictionaries of environmental concepts are specified: (1) Classifications: Specify the type of environmental objects; (2) Attributes: Specify the state of environmental objects; (3) Attribute value characteristics: Specify information concerning the values of attributes; (4) Attribute enumerants: Specify the allowable values for the state of an enumerated attribute; etc.

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

Office: 1101 K Street NW
Suite 610
Washington, DC 20005-3922

Contact: *Rachel Porter*

Fax: 202-638-4922

E-mail: comments@itic.org

BSR INCITS 538-201x, Information technology - SAS Protocol Layer - 4 (new standard)

Stakeholders: This project is intended to preserve much of the existing Serial Attached SCSI software and hardware.

Project Need: The proposed project involves a compatible evolution of the present SAS Protocol Layer - 3 standard

SAS Protocol Layer - 4 is the next generation of the protocol portion of the current Serial Attached SCSI. It follows SPL-3, SPL-2, SPL, and the protocol portions of SAS-2, and SAS-1.1. The following items should be considered for inclusion in SAS Protocol Layer - 4: (a) Support of a more efficient signal encoding and higher data rates proposed for SAS -4; (b) Enhancements to the protocol; (c) Corrections and clarifications; and (d) Other capabilities that may fit within the scope of this project.

NACE (NACE International, the Corrosion Society)

Office: 1440 South Creek Dr.
Houston, TX 77084-4906

Contact: *Richard Southard*

E-mail: rick.southard@nace.org

BSR/NACE SP0300-201x, Pilot-Scale Evaluation of Corrosion and Fouling Control Additives for Open Recirculating Cooling Water Systems (revision of ANSI/NACE RP0300-2003)

Stakeholders: Cooling system owners/operators and water treatment companies who must evaluate the performance of cooling water additives.

Project Need: This standard has been revised to provide additional testing duration guidance and additional technical resources in the bibliography.

Cooling system design and operating characteristics vary widely within individual plants, from site to site, and worldwide. Thus, selection and optimization of water treatment programs must be a site-specific process. In most systems, optimized cooling water chemical treatment is the key to successful long-term operations. The subject of this standard is the establishment of criteria for the pilot-scale evaluation of the performance of cooling water additives under field-specific operating conditions.

NEMA (ASC C78) (National Electrical Manufacturers Association)

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

Contact: *Ronald Runkles*

Fax: (703) 841-3378

E-mail: ron_runkles@nema.org

* BSR C78.79-201x, Electric Lamps - Nomenclature for Envelope Shapes Intended for Use with Electric Lamps (revision and redesignation of ANSI C79.1-2002 (R2007))

Stakeholders: Manufacturers, designers, testing labs, and end users.

Project Need: This project is needed by stakeholders in that it provides for the systematic designation for envelope shapes for all electric lamps.

This standard describes a system of nomenclature that provides designations for envelope shapes used for all electric lamps. The nomenclature system is intended for application with LED lamps and glass bulbs that originate both as parts and as stock.

NISO (National Information Standards Organization)

Office: One North Charles Street
Suite 1905
Baltimore, MD 21201

Contact: *Cynthia Hodgson*

Fax: (410) 685-5278

E-mail: hodgsonca@verizon.net

BSR/NISO Z39.93-201x, The Standardized Usage Statistics Harvesting Initiative (SUSHI) Protocol (revision of ANSI/NISO Z39.93-2013)

Stakeholders: Libraries, content providers and publishers, electronic publication aggregators and platform providers, Electronic Resource System (ERM) and Discovery System vendors.

Project Need: Revise current version to expand filter elements and address any comments received since previous version was published.

This Standard defines an automated request and response model for the harvesting of electronic resource usage data utilizing a Web services framework that can replace the user-mediated collection of usage data reports. Designed to work with Project COUNTER reports, the protocol is also extensible to other types of usage reports. The Standard is built on the SOAP (Simple Object Access Protocol) for transferring request and response messages.

NSF (NSF International)

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

Contact: *Jessica Evans*

E-mail: jevans@nsf.org

* BSR/NSF 438-201x, Ingredient Good Manufacturing Practices (new standard)

Stakeholders: Ingredient manufacturers, retailers, consumers, pharmaceutical manufacturers, food processors, dietary supplement manufacturers, ingredient distributors, cosmetic manufacturers, Food & Drug Administration.

Project Need: Certain ingredients are used commonly in pharmaceutical products, foods, dietary supplements and cosmetics. The ingredient manufacturers supporting these highly regulated industries are coming up against different expectations and requirements that they must comply with. The current state of the supply chain for the pharmaceutical, food, dietary supplement and cosmetic industries is creating multiple audits and conflicting and duplicating requirements.

This Standard is intended to define an ingredient auditing approach for finished product manufacturers in accordance with Good Manufacturing Practices (GMPs) for pharmaceutical, foods, dietary supplements and cosmetic products. It will refer to the GMPs applicable to all of the impacted industries. Elements will include an audit checklist, ingredient testing components, and requirements for auditor training and assessment. A critical element of the standard will be a quality management system for ingredient manufacturing.

OPEI (Outdoor Power Equipment Institute)

Office: 341 South Patrick Street
Alexandria, VA 22314

Contact: Greg Knott

Fax: (703) 549-7604

E-mail: gknott@opei.org

- * BSR/OPEI B175.2-201X, Outdoor Power Equipment - Internal Combustion Engine-Powered Handheld and Backpack Blowers and Blower-Vacuums - Safety Requirements and Performance Testing Procedures (revision of ANSI/OPEI B175.2-2012, ANSI/OPEI B175.2-2012/A1-2013)

Stakeholders: Manufacturers of outdoor power equipment, suppliers, distributors, governmental agencies, testing entities and consumers.

Project Need: Review and revise ANSI/OPEI B175.2-2012.

This standard establishes manufacturer requirements to reduce the risk of injury associated with use of internal combustion engine-powered handheld and backpack blowers and blower-vacuums.

- * BSR/OPEI B175.3-201X, Outdoor Power Equipment - Internal Combustion Engine-Powered Handheld Grass Trimmers and Brushcutters - Safety and Environmental Requirements (revision of ANSI/OPEI B175.3-2013)

Stakeholders: Manufacturers of outdoor power equipment, suppliers, distributors, governmental agencies, testing entities and consumers.

Project Need: Review and revise ANSI/OPEI B175.3-2013.

This standard establishes safety and environmental requirements for internal combustion engine-powered, handheld, grass trimmers and brushcutters

- BSR/OPEI B175.4-201X, Outdoor Power Equipment - Portable, Handheld, Internal Combustion Engine-Powered Cut-off Machines - Safety and Environmental Requirements (revision of ANSI/OPEI B175.4-2013)

Stakeholders: Manufacturers of outdoor power equipment, suppliers, distributors, governmental agencies, testing entities and consumers.

Project Need: Review and revise ANSI/OPEI B175.4-2013.

This standard establishes safety and environmental requirements to reduce the risk of injury associated with the use of portable, handheld, internal combustion engine-powered machines using a rotating cut-off (abrasive) wheel.

TIA (Telecommunications Industry Association)

Office: 1320 North Courthouse Road
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Arlington, VA 22201

Contact: Marianna Kramarikova

E-mail: standards@tiaonline.org

- n BSR/TIA 102.AAAB-A-1-201x, Project 25 - Digital Land Mobile Radio - Security Services Overview (addenda to ANSI/TIA 102.AAAB-A-2005)

Stakeholders: APCO Project 25, Private Land Mobile Radio.

Project Need: Provide updates for an existing standard.

This addendum introduces a high level functional and architectural overview of the security and key management architecture for TIA-102 system configurations. It provides an overview along with the functional and key management architectural models and descriptions.

UL (Underwriters Laboratories, Inc.)

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Northbrook, IL 60062-2096

Contact: Alan McGrath

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E-mail: alan.t.mcgrath@ul.com

- BSR/UL 428A-201x, Standard for Electrically Operated Valves for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations Up to 85 Percent (E0 - E85) (new standard)

Stakeholders: Electrical safety valve industry and users.

Project Need: To develop a new American National Standard.

These requirements cover electrically operated general purpose and safety valves rated 600 volts or less and intended for the control of one of the following fluids: (a) Gasoline formulated in accordance with ANSI/ASTM D4814; (b) Gasoline/ethanol blends with nominal ethanol concentrations up to 25 percent ethanol (E25); or (c) Gasoline/ethanol blends with nominal ethanol concentrations above 25 percent.

- BSR/UL 428B-201x, Standard for Electrically Operated Valves for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations Up to 20 Percent (B20), Kerosene, and Fuel Oil (new standard)

Stakeholders: Electrical safety valve industry and users.

Project Need: To develop a new American National Standard.

These requirements cover electrically operated general purpose and safety valves rated 600 volts or less and intended for the control of the following fluids: (a) Diesel fuel and diesel/biodiesel blends with nominal biodiesel concentrations up to 5 percent (B0 - B5); (b) Diesel/biodiesel blends with nominal biodiesel concentrations from 5 percent up to 20 percent (B6 - B20); (c) Biodiesel (B99.9/B100); (d) Kerosene; or (e) Fuel oil (heating oil).

UL (Underwriters Laboratories, Inc.)

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San Jose, CA 95131-1230

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

- BSR/UL 331A-201X, Standard for Safety for Strainers for Gasoline and Gasoline/Ethanol Blends with Nominal Ethanol Concentrations up to 85 Percent (E0 - E85) (new standard)

Stakeholders: Motor fuel industry, manufacturers of strainers.

Project Need: To obtain national recognition of a standard covering strainers for use with gasoline and gasoline/ethanol blends with nominal ethanol concentrations up to 85 percent (E0 - E85).

These requirements cover complete, self-contained strainer or filter assemblies intended for use with gasoline and gasoline/ethanol blends with nominal ethanol concentrations up to 85 percent (E0- E85). Although these devices are designated strainers, they may be either strainers or filters according to the common terminology of the industry.

BSR/UL 331B-201X, Standard for Safety for Strainers for Diesel Fuel, Biodiesel Fuel, Diesel/Biodiesel Blends with Nominal Biodiesel Concentrations up to 20 Percent (B20), Kerosene, and Fuel Oil (new standard)

Stakeholders: Motor fuel industry, manufacturers of strainers.

Project Need: To obtain national recognition of a standard covering strainers for use with diesel fuel, biodiesel fuel, diesel/biodiesel blends with nominal biodiesel concentrations up to 20 percent (B20), kerosene, and fuel oil.

These requirements cover complete, self-contained strainer or filter assemblies intended for use with diesel fuel, biodiesel fuel, diesel/biodiesel blends with nominal biodiesel concentrations up to 20 percent (B20), kerosene, and fuel oil. Although these devices are designated strainers, they may be either strainers or filters according to the common terminology of the industry.

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)
- GEIA (Greenguard Environmental Institute)
- HL7 (Health Level Seven)
- MHI (ASC MH10) (Material Handling Industry)
- NAHBRC (NAHB Research Center, Inc.)
- NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)
- NCPDP (National Council for Prescription Drug Programs)
- NISO (National Information Standards Organization)
- NSF (NSF International)
- TIA (Telecommunications Industry Association)
- UL (Underwriters Laboratories, Inc.)

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

Alternatively, you may contact the Procedures & Standards Administration department (PSA) at psa@ansi.org or via fax at 212-840-2298. If you request that information be provided via E-mail, please include your E-mail address; if you request that information be provided via fax, please include your fax number. Thank you.

ANSI-Accredited Standards Developers Contact Information

The addresses listed in this section are to be used in conjunction with standards listed in PINS, Call for Comment and Final Actions. This section is a list of developers who have submitted standards for this issue of *Standards Action* – it is not intended to be a list of all ANSI-Accredited Standards Developers. Please send all address corrections to Standards Action Editor at standact@ansi.org.

<p>AAMI Association for the Advancement of Medical Instrumentation 4301 N Fairfax Drive Suite 301 Arlington, VA 22203-1633 Phone: (703) 300-7599 Fax: (703) 276-0793 Web: www.aami.org</p>	<p>ASSE (Safety) American Society of Safety Engineers 1800 East Oakton Street Des Plaines, IL 60018-2187 Phone: (847) 768-3411 Fax: (847) 296-9221 Web: www.asse.org</p>	<p>HL7 Health Level Seven 3300 Washtenaw Avenue Suite 227 Ann Arbor, MI 48104 Phone: (734) 677-7777 Ext 104 Fax: (734) 677-6622 Web: www.hl7.org</p>	<p>NCPDP National Council for Prescription Drug Programs 9240 East Raintree Drive Scottsdale, AZ 85260 Phone: (512) 291-1356 Fax: (480) 767-1042 Web: www.ncdp.org</p>
<p>ADA (Organization) American Dental Association 211 E. Chicago Ave Chicago, IL 60611 Phone: (312) 440-2533 Fax: (312) 440-2529 Web: www.ada.org</p>	<p>ASTM ASTM International 100 Barr Harbor Drive West Conshohocken, PA 19428-2959 Phone: (610) 832-9744 Fax: (610) 834-3683 Web: www.astm.org</p>	<p>ISA (Organization) ISA-The Instrumentation, Systems, and Automation Society 67 Alexander Drive Research Triangle Park, NC 27709 Phone: (919) 990-9228 Fax: (919) 549-8288 Web: www.isa.org</p>	<p>NECA National Electrical Contractors Association 3 Bethesda Metro Center Suite 1100 Bethesda, MD 20814 Phone: (301) 215-4549 Fax: (301) 215-4500 Web: www.necanet.org</p>
<p>API American Petroleum Institute 1220 L Street, NW Washington, DC 20005 Phone: (202) 682-8190 Fax: (202) 962-4797 Web: www.api.org</p>	<p>ATIS Alliance for Telecommunications Industry Solutions 1200 G Street, NW Suite 500 Washington, DC 20005 Phone: (202) 434-8841 Fax: (202) 347-7125 Web: www.atis.org</p>	<p>ISEA International Safety Equipment Association 1901 North Moore Street Suite 808 Arlington, VA 22209 Phone: (703) 525-1695 Fax: (703) 525-1698 Web: www.safetysystem.org</p>	<p>NEMA (ASC C78) National Electrical Manufacturers Association 1300 North 17th Street Suite 1752 Rosslyn, VA 22209 Phone: (703) 841-3278 Fax: (703) 841-3378 Web: www.nema.org</p>
<p>ASA (ASC S12) Acoustical Society of America 35 Pinelawn Road Suite 114E Melville, NY 11747 Phone: (631) 390-0215 Fax: (631) 390-0217 Web: www.acousticalsociety.org</p>	<p>AWS American Welding Society 8669 NW 36 Street #130 Miami, FL 33166-6672 Phone: (800) 443-9353 x311 Fax: (305) 443-5951 Web: www.aws.org</p>	<p>ITI (INCITS) InterNational Committee for Information Technology Standards 1101 K Street NW Suite 610 Washington, DC 20005-3922 Phone: (202) 626-5741 Fax: 202-638-4922 Web: www.incits.org</p>	<p>NISO National Information Standards Organization One North Charles Street Suite 1905 Baltimore, MD 21201 Phone: (301) 654-2512 Fax: (410) 685-5278 Web: www.niso.org</p>
<p>ASHRAE American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc. 1791 Tullie Circle, NE Atlanta, GA 30329 Phone: (404) 636-8400 Fax: (404) 321-5478 Web: www.ashrae.org</p>	<p>AWWA American Water Works Association 6666 W. Quincy Ave. Denver, CO 80235 Phone: (303) 347-6178 Fax: (303) 795-7603 Web: www.awwa.org</p>	<p>LEO Leonardo Academy, Inc. 2912 Marketplace Drive Suite 103 Madison, WI 53719 Phone: (608) 280-0255 Fax: (608) 255-7202 Web: www.leonardoacademy.org</p>	<p>NSF NSF International 789 N. Dixboro Road Ann Arbor, MI 48105 Phone: (734) 827-5643 Fax: (734) 827-7880 Web: www.nsf.org</p>
<p>ASME American Society of Mechanical Engineers Two Park Avenue New York, NY 10016 Phone: (212) 591-8521 Fax: (212) 591-8501 Web: www.asme.org</p>	<p>CSA CSA Group 8501 E. Pleasant Valley Road Cleveland, OH 44131 Phone: (216) 524-4990 Fax: (216) 520-8979 Web: www.csa-america.org</p>	<p>NACE NACE International, the Corrosion Society 1440 South Creek Dr. Houston, TX 77084-4906 Phone: (281) 228-6485 Web: www.nace.org</p>	<p>OPEI Outdoor Power Equipment Institute 341 South Patrick Street Alexandria, VA 22314 Phone: (703) 549-7600 Fax: (703) 549-7604 Web: www.opei.org</p>
	<p>ECA Electronic Components Association 2214 Rock Hill Road Suite 170 Herndon, VA 20170-4212 Phone: (571) 323-0294 Fax: (571) 323-0245 Web: www.eciaonline.org</p>		

PRCA

Professional Ropes Course Association
6260 East Riverside Boulevard #104
Rockford, IL 61114
Phone: (815) 986-7776
Fax: (815) 637-2964
Web: www.prcainfo.org

RESNET

Residential Energy Services Network,
Inc.
2170 S. El Camino Real
Suite 206
Oceanside, CA 92054
Phone: (760) 408-5860
Fax: (760) 806-9449
Web: www.resnet.us.com

SAIA (ASC A92)

Scaffold & Access Industry Association
400 Admiral Boulevard
Kansas City, MO 64106
Phone: (816) 595-4831
Web: www.saiaonline.org

TIA

Telecommunications Industry
Association
1320 North Courthouse Road
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Phone: (703) 907-7743
Web: www.tiaonline.org

UL

Underwriters Laboratories, Inc.
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Fax: (847) 664-3411
Web: www.ul.com



ISO Draft International Standards

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

Comments

Comments regarding ISO documents should be sent to Karen Hughes, at ANSI's New York offices (isot@ansi.org). The final date for offering comments is listed after each draft.

Ordering Instructions

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

ISO/IEC JTC 1 Technical Reports

ISO/IEC TR 29110-3:2011/DAM 1, Software engineering - Lifecycle profiles for Very Small Entities (VSEs) - Part 3: Assessment guide - 5/26/2014, \$102.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO/DIS 9940, Aerospace - Fire resistant hydraulic fluids - 6/6/2014

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO/DIS 16900-6, Respiratory protective devices - Methods of test and test equipment - Part 6: Mechanical resistance/strength of components - 6/6/2014

ISO/DIS 16900-14, Respiratory protective devices - Methods of test and test equipment - Part 14: Measurement of sound level - 6/6/2014

PLASTICS (TC 61)

ISO/DIS 18263-1, Plastics - Mixed polypropylene (PP) and polyethylene (PE) recyclate - Part 1: Designation system and basis for specifications - 6/7/2014

ISO/DIS 18263-2, Plastics - Mixed polypropylene (PP) and polyethylene (PE) recyclate - Part 2: Preparation of test specimens and determination of properties - 6/7/2014

SURFACE CHEMICAL ANALYSIS (TC 201)

ISO/DIS 18337, Surface chemical analysis - Measurement of lateral resolution of confocal fluorescence microscope - 6/6/2014

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO/DIS 5681, Equipment for crop protection - Vocabulary - 6/6/2014

ISO/IEC JTC 1, Information Technology

ISO/IEC 19794-2:2011/PDAM 2, XML encoding - 6/6/2014

ISO/IEC 19794-4:2011/PDAM 2, XML encoding - 6/6/2014



Newly Published ISO & IEC Standards

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

ISO Standards

DOCUMENT IMAGING APPLICATIONS (TC 171)

[ISO 12653-3:2014](#), Electronic imaging - Test target for scanning of office documents - Part 3: Test target for use in lower resolution applications, \$132.00

FLUID POWER SYSTEMS (TC 131)

[ISO 19973-4:2014](#), Pneumatic fluid power - Assessment of component reliability by testing - Part 4: Pressure regulators, \$114.00

GAS CYLINDERS (TC 58)

[ISO 5145:2014](#), Cylinder valve outlets for gases and gas mixtures - Selection and dimensioning, \$180.00

IMPLANTS FOR SURGERY (TC 150)

[ISO 21536/Amd1:2014](#), Non-active surgical implants - Joint replacement implants - Specific requirements for knee-joint replacement implants - Amendment 1, \$22.00

NUCLEAR ENERGY (TC 85)

[ISO 28057:2014](#), Dosimetry with solid thermoluminescence detectors for photon and electron radiations in radiotherapy, \$180.00

OTHER

[ISO 11646:2014](#), Leather - Measurement of area, \$58.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

[ISO 18422:2014](#), Ships and marine technology - Inland navigation vessels - Plate with instructions for rescue, resuscitation and first aid for drowning persons, \$77.00

[ISO 22090-1:2014](#), Ships and marine technology - Transmitting heading devices (THDs) - Part 1: Gyro-compasses, \$108.00

[ISO 22090-2:2014](#), Ships and marine technology - Transmitting heading devices (THDs) - Part 2: Geomagnetic principles, \$99.00

[ISO 22090-3:2014](#), Ships and marine technology - Transmitting heading devices (THDs) - Part 3: GNSS principles, \$88.00

TIMBER STRUCTURES (TC 165)

[ISO 12122-1:2014](#), Timber structures - Determination of characteristic values - Part 1: Basic requirements, \$156.00

[ISO 12122-2:2014](#), Timber structures - Determination of characteristic values - Part 2: Sawn timber, \$77.00

WATER QUALITY (TC 147)

[ISO 13166:2014](#), Water quality - Uranium isotopes - Test method using alpha-spectrometry, \$123.00

ISO Guides

OTHER

[ISO Guide 82:2014](#), Guidelines for addressing sustainability in standards, \$132.00

ISO Technical Reports

IMPLANTS FOR SURGERY (TC 150)

[ISO/TR 16379:2014](#), Tissue-engineered medical products - Evaluation of anisotropic structure of articular cartilage using DT (Diffusion Tensor)-MR Imaging, \$139.00

ISO Technical Specifications

FIRE SAFETY (TC 92)

[ISO/TS 3814:2014](#), Standard tests for measuring reaction-to-fire of products and materials - Their development and application, \$132.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 9594-1:2014](#), Information technology - Open Systems Interconnection - The Directory - Part 1: Overview of concepts, models and services, \$139.00

[ISO/IEC 9594-2:2014](#), Information technology - Open Systems Interconnection - The Directory - Part 2: Models, \$314.00

[ISO/IEC 9594-3:2014](#), Information technology - Open Systems Interconnection - The Directory - Part 3: Abstract service definition, \$275.00

[ISO/IEC 9594-4:2014](#), Information technology - Open Systems Interconnection - The Directory - Part 4: Procedures for distributed operation, \$295.00

[ISO/IEC 9594-5:2014](#), Information technology - Open Systems Interconnection - The Directory - Part 5: Protocol specifications, \$259.00

[ISO/IEC 9594-6:2014](#), Information technology - Open Systems Interconnection - The Directory - Part 6: Selected attribute types, \$259.00

[ISO/IEC 9594-7:2014](#), Information technology - Open Systems Interconnection - The Directory - Part 7: Selected object classes, \$156.00

[ISO/IEC 9594-8:2014](#), Information technology - Open Systems Interconnection - The Directory - Part 8: Public-key and attribute certificate frameworks, \$314.00

[ISO/IEC 9594-9:2014](#), Information technology - Open Systems Interconnection - The Directory - Part 9: Replication, \$180.00

[ISO/IEC 18745-1:2014](#), Information technology - Test methods for machine readable travel documents (MRTD) and associated devices - Part 1: Physical test methods for passport books (durability), \$189.00

OTHER

[ISO/IEC TS 17027:2014](#), Conformity assessment - Vocabulary related to competence of persons used for certification of persons, \$99.00

IEC Standards

ELECTRIC CABLES (TC 20)

[IEC 60502-SER Ed. 1.0 b:2012](#), Power cables with extruded insulation and their accessories for rated voltages from 1 kV ($U_m = 1,2$ kV) up to 30 kV ($U_m = 36$ kV) - ALL PARTS, \$802.00

ELECTRICAL EQUIPMENT IN MEDICAL PRACTICE (TC 62)

[IEC 62570 Ed. 1.0 b:2014](#), Standard practice for marking medical devices and other items for safety in the magnetic resonance environment, \$97.00

[IEC 60601-1-SER Ed. 1.0 b:2014](#), Medical electrical equipment - ALL PARTS, \$3003.00

[IEC 60601-1-2 Ed. 4.0 b:2014](#), Medical electrical equipment - Part 1-2: General requirements for basic safety and essential performance - Collateral Standard: Electromagnetic disturbances - Requirements and tests, \$363.00

NUCLEAR INSTRUMENTATION (TC 45)

[IEC 62709 Ed. 1.0 b:2014](#), Radiation protection instrumentation - Security screening of humans - Measuring the imaging performance of X-ray systems, \$254.00

OTHER

[CISPR 16-SER Ed. 1.0 b:2014](#), Specification for radio disturbance and immunity measuring apparatus and methods - ALL PARTS, \$4995.00

[CISPR 16-2-1 Ed. 3.0 b:2014](#), Specification for radio disturbance and immunity measuring apparatus and methods - Part 2-1: Methods of measurement of disturbances and immunity - Conducted disturbance measurements, \$375.00

POWER SYSTEM CONTROL AND ASSOCIATED COMMUNICATIONS (TC 57)

[IEC 61970-453 Ed. 2.0 b:2014](#), Energy management system application program interface (EMS-API) - Part 453: Diagram layout profile, \$206.00

SAFETY OF ELECTRONIC EQUIPMENT WITHIN THE FIELD OF AUDIO/VIDEO, INFORMATION TECHNOLOGY AND COMMUNICATION TECHNOLOGY (TC 108)

[IEC 62368-1 Ed. 2.0 b:2014](#), Audio/video, information and communication technology equipment - Part 1: Safety requirements, \$411.00

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)

[IEC 60335-2-6 Ed. 6.0 b:2014](#), Household and similar electrical appliances - Safety - Part 2-6: Particular requirements for stationary cooking ranges, hobs, ovens and similar appliances, \$278.00

SOLAR PHOTOVOLTAIC ENERGY SYSTEMS (TC 82)

[IEC 62116 Ed. 2.0 b:2014](#), Utility-interconnected photovoltaic inverters - Test procedure of islanding prevention measures, \$206.00

SUPERCONDUCTIVITY (TC 90)

[IEC 61788-8 Ed. 2.0 b:2010](#), Superconductivity - Part 8: AC loss measurements - Total AC loss measurement of round superconducting wires exposed to a transverse alternating magnetic field at liquid helium temperature by a pickup coil method, \$230.00

[IEC 61788-14 Ed. 1.0 b:2010](#), Superconductivity - Part 14: Superconducting power devices - General requirements for characteristic tests of current leads designed for powering superconducting devices, \$206.00

SYSTEM ENGINEERING AND ERECTION OF ELECTRICAL POWER INSTALLATIONS IN SYSTEMS WITH NOMINAL VOLTAGES ABOVE 1 KV A.C., PARTICULARLY CONSIDERING SAFETY ASPECTS (TC 99)

[IEC 61936-1 Amd.1 Ed. 2.0 b:2014](#), Amendment 1 - Power installations exceeding 1 kV a.c. - Part 1: Common rules, \$121.00

[IEC 61936-1 Ed. 2.1 b:2014](#), Power installations exceeding 1 kV a.c. - Part 1: Common rules, \$605.00

IEC Technical Specifications

NANOTECHNOLOGY STANDARDIZATION FOR ELECTRICAL AND ELECTRONIC PRODUCTS AND SYSTEMS (TC 113)

[IEC/TS 62607-4-1 Ed. 1.0 en:2014](#), Nanomanufacturing - Key control characteristics - Part 4-1: Cathode nanomaterials for lithium ion batteries - Electrochemical characterisation, 2-electrode cell method, \$97.00

PROCESS MANAGEMENT FOR AVIONICS (TC 107)

[IEC/TS 62647-3 Ed. 1.0 en:2014](#), Process management for avionics - Aerospace and defence electronic systems containing lead-free solder - Part 3: Performance testing for systems containing lead-free solder and finishes, \$278.00

Proposed Foreign Government Regulations

Call for Comment

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

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

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

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

Information Concerning

American National Standards

INCITS Executive Board

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

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

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

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

- **Producer – Hardware**

This category primarily produces hardware products for the ITC marketplace.

- **Producer – Software**

This category primarily produces software products for the ITC marketplace.

- **Distributor**

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

- **User**

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

- **Consultants**

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

- **Standards Development Organizations and Consortia**

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

- **Academic Institution**

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

- **Other**

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

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

Calls for Members

Society of Cable Telecommunications

ANSI Accredited Standards Developer

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

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

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

ANSI Accredited Standards Developers

Approvals of Reaccreditations

FM Approvals

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of FM Approvals, an ANSI Organizational Member, has been approved under its recently revised operating procedures for documenting consensus on FM Approvals-sponsored American National Standards, effective March 4, 2014. For additional information, please contact: Mr. Tom McCarty, Sr. Engineering Specialist, Quality Assurance Group, FM Approvals, 1151 Boston-Providence Turnpike, Norwood, MA 02062; phone: 781.255.4802; e-mail: Thomas.McCarty@fmapprovals.com.

Institute for Cleaning and Restoration Certification (IICRC)

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of the Institute for Cleaning and Restoration Certification (IICRC), an ANSI Organizational Member, has been approved under its recently revised operating procedures for documenting consensus on IICRC-sponsored American National Standards, effective March 5, 2014. For additional information, please contact: Ms. Mili Washington, Standards Director, IICRC, 4317 NE Thurston Way, Suite 200, Vancouver, WA 98662; phone: 360.989.3030; e-mail: mili@iicrc.org.

Project Management Institute (PMI)

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of the Project Management Institute (PMI), an ANSI Organizational Member, has been approved under its recently revised operating procedures for documenting consensus on PMI-sponsored American National Standards, effective February 27, 2014. For additional information, please contact: Ms. Quynh Woodward, MBA, PMP, Standards Compliance Specialist, Project Management Institute, 14 Campus Boulevard, Newtown Square, PA 19073-3299; phone: 610.356.4600 ext. 7034; e-mail: quynh.woodward@pmi.org.

Reaccreditation

IEEE

Comment Deadline: April 7, 2014

IEEE, an ANSI Organizational Member, has submitted revisions to its currently accredited IEEE-SA Standards Board Operating Manual and its IEEE-SA Standards Board Bylaws for documenting consensus on IEEE-sponsored American National Standards, under which it was last reaccredited in 2013. As the revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures or to offer comments, please contact: Mr. David Ringle, Director, Governance & Technical Committee Programs, IEEE Standards Association, 445 Hoes Lane, Piscataway, NJ 08854-4141; phone: 732.562.3806; e-mail: d.ringle@ieee.org. You may view/download a copy of the revisions during the public review period at the following URL:

<http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fPublic%20Review%20and%20Comment%2fANS%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d>. Please submit any public comments on the revised procedures to IEEE by April 7, 2014, with a copy to the ExSC Recording Secretary in ANSI's New York Office (e-mail: Jthomps@ANSI.org).

ANSI Accreditation Program for Third Party Product Certification Agencies

Scope Extension

Advanced Compliance Solutions, Inc. (ACS)

Comment Deadline: April 7, 2014

Mr. Jeff Woods – CB Manager
Advanced Compliance Solutions, Inc. (ACS)
5015 B.U. Bowman Drive
Buford, GA 30518
Phone: 770-831-8048
Fax: 770-831-8598
E-mail: jwoods@acstestlab.com
Web: www.acstestlab.com

On February 28, 2014, Advanced Compliance Solutions, Inc. (ACS) extended its ANSI-accredited scopes to include the following:

EPA ENERGY STAR®

Heating Cooling and Water Heating
Boilers

EPA ENERGY STAR®

Heating Cooling and Water Heating
Furnaces

Please send your comments by April 7, 2014 to Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Sr. Program Manager, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: njackson@ansi.org.

U.S. Technical Advisory Groups

Application for Accreditation

U.S. TAG to ISO/TC 43/SC 3 – Underwater Acoustics

Comment Deadline: April 7, 2014

The Acoustical Society of America (ASA) has submitted an Application for Accreditation for its proposed U.S. Technical Advisory Group (TAG) to ISO/TC 43/SC 3, Underwater acoustics and a request for approval as TAG Administrator. The proposed TAG will operate using its own unique operating procedures. To obtain copies of the TAG accreditation application and proposed procedures or to offer comments, please contact: Ms. Susan Blaeser, Acoustical Society of America, 35 Pinelawn Road, Suite 114E, Melville, NY 11747; phone: 631.390.0215; e-mail: sblaeser@aip.org. You may view/download copies of this documentation during the public review period at the following URL:

<http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fPublic%20Review%20and%20Comment%2fANS%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d>. Please submit any public comments on the TAG's application and proposed procedures to ASA by April 7, 2014, with a copy to the ExSC Recording Secretary in ANSI's New York Office (e-mail: Jthomps@ANSI.org).

BSR/UL 567, Standard for Safety for Emergency Breakaway Fittings, Swivel Connectors and Pipe-Connection Fittings for Petroleum Products and LP-Gas

1. Clarification and revised Moist Ammonia-Air Stress Cracking Test

1.7 A hose assembly provided with an integral swivel connector for petroleum product service shall comply with the applicable requirements in the Standard for Hose and Hose Assemblies for Dispensing Flammable Liquids, UL 330.

10 Hose Assemblies

~~10.1 A hose assembly provided with a swivel connector or emergency breakaway fitting for petroleum product service shall comply with the applicable requirements in the Standard for Hose and Hose Assemblies for Dispensing Flammable Liquids, UL 330.~~ Revised and relocated as 1.7.

24 10-Day Moist Ammonia-Air Stress Cracking Test

~~24.1 After being subjected to the conditions described in 24.2 - 24.4, a brass part containing more than 15 percent zinc shall show no evidence of cracking when examined using 25X magnification.~~ After being subjected to the conditions described in 24.2 - 24.3, a pressure confining brass part containing more than 15 percent zinc shall:

- a) Show no evidence of cracking, delamination, or degradation or
- b) Perform as intended when tested as described in 24.5.

~~24.2 Each test sample is to be subjected to the physical stresses normally imposed on or within a part as the result of assembly with other components. Such stresses are to be applied to the sample prior to and maintained during the test. Samples with threads, intended to be used for installing the product in the field are to have the threads engaged and tightened to the torque specified in Table 24.1. Teflon tape or pipe compound are not to be used on the threads. One test sample of each size is to be subjected to the physical stresses normally imposed on or within a part as the result of assembly with other components. Samples with female tapered pipe threads, intended to be used for installing the product in the field are to have the threads engaged and tightened to the torque specified in Table 24.1. Samples with female threads other than tapered pipe threads shall be torqued as specified by the manufacturer. Teflon tape or pipe compound is not to be used on any threads. Samples with male threads are evaluated in "as received" condition.~~

~~24.3 Three samples are to be degreased and then continuously exposed in a set position for ten days to a moist ammonia-air mixture maintained in a glass chamber approximately 305 by 305 by 305 mm having a glass cover. The samples are then to be tested in accordance with Apparatus (Section 6), Reagents and Materials (Section 7), Test Media (Section 8), Test Sample Preparation (9.3 - 9.4), and Test Procedure (10.1 - 10.4) of the Standard Test Method~~

for Ammonia Vapor Test for Determining Susceptibility to Stress Corrosion Cracking in Copper Alloys, ASTM B858-06, with the test solution pH level High 10.5 ± 0.1 ; exposure temperature of $25 \pm 1^\circ\text{C}$; and with the examination in accordance with 34.4.

24.4 Approximately 600 ml of aqueous ammonia having a specific gravity of 0.94 is to be maintained at the bottom of the glass chamber below the samples. The samples are to be positioned 1-1/2 inches (38.1 mm) above the aqueous ammonia solution and supported by an inert tray. The moist ammonia-air mixture in the chamber is to be maintained at atmospheric pressure and at a temperature of $34 \pm 2^\circ\text{C}$. After the exposure period, the samples are to be examined for cracks or other signs of stress corrosion using a microscope having a magnification of 25X.

24.5 Pressure-confining brass parts exhibiting evidence of cracking, delamination, degradation, as a result of the test exposure shall withstand the Hydrostatic Strength Test, Section 19.

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BSR/UL 758, Standard for Safety for Appliance Wiring Material

1. **Miscellaneous Changes to UL 758** (For brevity, only the affected portion of the table is shown for recirculation.)

Table 5.2**Conductor - metal specifications**

Conductor metal	ASTM reference for the metal	Temperature limit for the metal, °C (°F)	Other limits
Copper, uncoated or tin coated, each strand at least 0.015 inch (0.38 mm) in diameter, metallurgically bonded	ANSI/ASTM B 286, B 470	200 (392)	For use where flexibility is not a concern. B 470 <u>Metallurgically bonded via heat or the addition of tin (topcoated, over coated)</u>
Copper, gold coated	Per the requirements in the 'other limits' column	200 (392)	Copper per <u>ASTM</u> SATM B 3 gold coating per ANSI/ASTM B 488

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BSR/UL 1703, Standard for Flat-Plate Photovoltaic Modules and Panels

1. Updates to New Fire Performance Procedures, Including a New Construction Type Table.

16.4.1 The use of module or panel types in this Section is optional. A module or panel intended for mounting on a roof (but not BIPVs) can be classified according to type based on its construction and the results of the fire tests detailed in Section 31.1.2, Spread of Flame on Top Surface, and Section 31.1.3, Burning Brand on Top Surface. Module or panel construction types shall be evaluated based on the following characteristics of PV module and panel construction: (1) the superstrate material; (2) the encapsulant material; (3) the substrate material; and, (4) the frame type and geometry (if any). The following types are representative of common module and panel constructions and their associated fire characteristics:

Type 1 module or panel meets the following requirements:

- a) Construction: ~~Tempered glass~~ Tempered glass superstrate of 0.14 ± 0.03 in (3.6 ± 0.76 mm) ~~0.125 \pm 0.02 in (3.2 \pm 0.5mm)~~; a polymeric encapsulant between the superstrate and cells with a pre-lamination thickness of 0.018 ± 0.008 in (0.45 ± 0.2 mm); either a polymeric encapsulant between the cells and substrate with a pre-lamination thickness of 0.018 ± 0.008 in (0.45 ± 0.2 mm) and a polymeric substrate with nominal thickness no less than 0.012 in (0.30 mm) and no more than 0.025 in (0.64 mm) thickness or a combined substrate and encapsulant that meets the pre-lamination total thickness equal to an encapsulant thickness of 0.018 ± 0.008 in (0.45 ± 0.2 mm) and a polymeric substrate with nominal thickness no less than 0.012 in (0.30 mm) and no more than 0.025 in thickness (0.64 mm); a listed polymeric encapsulant with a pre-lamination thickness of 0.035 ± 0.008 in (0.9 ± 0.2 mm); a listed polymeric substrate with nominal thickness no less than 0.010 in (0.25 mm) and no more than 0.018 in thickness (0.46 mm) with aluminum and metallic framing protecting the edge of the laminate.
- b) Spread of Flame Test on Top Surface: The test shall be conducted using the procedure given in Section 31.1.2 with an allowable spread of flame of 6 feet (1.82 m) or less in 10 minutes.
- c) Burning Brand Test on Top Surface: The test shall be conducted using the procedure given in Section 31.1.3 using a C Brand.

Type 2 module or panel meets the following requirements:

- a) Construction: ~~Tempered glass~~ Tempered glass superstrate of 0.14 ± 0.03 in (3.6 ± 0.76 mm) ~~0.125 \pm 0.02 in (3.2 \pm 0.5mm)~~; a polymeric encapsulant between the superstrate and cells with a pre-lamination thickness of 0.018 ± 0.008 in (0.45 ± 0.2 mm); either a polymeric encapsulant between the cells and substrate with a pre-lamination thickness of 0.018 ± 0.008 in (0.45 ± 0.2 mm) and a polymeric substrate with nominal thickness between 0.001 in (0.025 mm) and 0.012 in thickness (0.30 mm) or a combined substrate and encapsulant that meets the pre-lamination total thickness equal to an encapsulant thickness of 0.018 ± 0.008 in (0.45 ± 0.2 mm) and a polymeric substrate with nominal thickness between 0.001 in (0.025 mm) and 0.012 in thickness (0.30 mm); a listed polymeric encapsulant with a pre-lamination thickness of 0.035 ± 0.008 in (0.9 ± 0.2 mm); a listed polymeric substrate with nominal thickness between 0.001 in (0.025 mm) and 0.010 in thickness (0.25 mm) with aluminum and metallic framing protecting the edge of the laminate.
- b) Spread of Flame Test on Top Surface: The test shall be conducted using the procedure given in Section 31.1.2 with an allowable spread of flame of 6 feet (1.82 m) or less in 10 minutes.
- c) Burning Brand Test on Top Surface: The test shall be conducted using the procedure given in Section 31.1.3 using a C Brand.

Type 3 module or panel meets the following requirements:

- a) Construction: Heat strengthened glass superstrate of 0.105 ± 0.030 in (2.67 ± 0.76 mm) 0.125 ± 0.02 in (3.2 ± 0.5 mm); polymeric encapsulant with a total pre-lamination thickness of 0.035 ± 0.02 in (0.9 ± 0.5 mm) 0.0157 ± 0.004 in (0.4 ± 0.1 mm); tempered glass substrate of 0.105 ± 0.030 in (2.67 ± 0.76 mm) 0.125 ± 0.02 in (3.2 ± 0.5 mm) without framing protecting the edge of the laminate.
- b) Spread of Flame Test on Top Surface: The test shall be conducted using the procedure given in Section 31.1.2 with an allowable spread of flame of 6 feet (1.82 m) or less in 10 minutes.
- c) Burning Brand Test on Top Surface: The test shall be conducted using the procedure given in Section 31.1.3 using a C Brand.

New types of PV modules with other constructions and fire performance can be defined as needed. Table 16.1 lists the types of PV modules based on construction and fire performance. Construction tolerances for materials should be similar to those in Types 1, 2, and 3 when establishing new types. The fire performance of these other constructions shall be tested in accordance with 31.1.2 and 31.1.3.

Table 16.1

Construction and fire performance for PV module types

	Superstrate	Encapsulant (Super/Cell)	Encapsulant (Cell/Sub)	Substrate		
Type	Material/Thickness	Material/Thickness	Material/Thickness	Material/Thickness	Spread of Flame	Burning Brand
1	Glass / 0.14 ± 0.03 inch (3.6 ± 0.76 mm)	Polymer / 0.018 ± 0.008 inch (0.45 ± 0.2 mm)	Polymer / 0.018 ± 0.008 inch (0.45 ± 0.2 mm)	Polymer / 0.012 inch (0.30 mm) \leq thickness ≤ 0.025 inch (0.64 mm)	6 feet (1.82 m) or less in 10 minutes	C Brand
2	Glass / 0.14 ± 0.03 inch (3.6 ± 0.76 mm)	Polymer / 0.018 ± 0.008 inch (0.45 ± 0.2 mm)	Polymer / 0.018 ± 0.008 inch (0.45 ± 0.2 mm)	Polymer / 0.001 inch (0.025 mm) \leq thickness < 0.012 in (0.30 mm)	Same as Type 1	Same as Type 1
3	Glass / 0.105 ± 0.030 inch (2.67 ± 0.76 mm)	N/A	Polymer / 0.035 ± 0.02 inch (0.9 ± 0.5 mm)	Glass / 0.105 ± 0.030 inch (2.67 ± 0.76 mm)	Same as Type 1	Same as Type 1
4	Same as Type 1	Same as Type 1	Same as Type 1	Same as Type 1	13 feet (1.82 m) or less in 4 minutes	Same as Type 1
5	Same as Type 2	Same as Type 2	Same as Type 2	Same as Type 2	Same as Type 4	Same as Type 1
6	Same as Type 3	Same as Type 3	Same as Type 3	Same as Type 3	Same as Type 4	Same as Type 1

7	<u>Same as Type 1</u>	<u>Same as Type 1</u>	<u>Same as Type 1</u>	<u>Same as Type 1</u>	8 feet (2.4 m) or less in 10 minutes	Same as Type 1
8	<u>Same as Type 2</u>	<u>Same as Type 2</u>	<u>Same as Type 2</u>	<u>Same as Type 2</u>	Same as Type 7	Same as Type 1
9	<u>Same as Type 3</u>	<u>Same as Type 3</u>	<u>Same as Type 3</u>	<u>Same as Type 3</u>	Same as Type 7	Same as Type 1
10	<u>Same as Type 3</u>	<u>Same as Type 3</u>	<u>Same as Type 3</u>	<u>Same as Type 3</u>	Same as Type 1	B Brand
11	<u>Same as Type 3</u>	<u>Same as Type 3</u>	<u>Same as Type 3</u>	<u>Same as Type 3</u>	Same as Type 4	Same as Type 10
12	<u>Same as Type 3</u>	<u>Same as Type 3</u>	<u>Same as Type 3</u>	<u>Same as Type 3</u>	Same as Type 7	Same as Type 10
13	<u>Same as Type 3</u>	<u>Same as Type 3</u>	<u>Same as Type 3</u>	<u>Same as Type 3</u>	Same as Type 1	A Brand
14	<u>Same as Type 3</u>	<u>Same as Type 3</u>	<u>Same as Type 3</u>	<u>Same as Type 3</u>	Same as Type 4	Same as Type 13
15	<u>Same as Type 3</u>	<u>Same as Type 3</u>	<u>Same as Type 3</u>	<u>Same as Type 3</u>	Same as Type 7	Same as Type 13

31.2.1.2 A fire rated module or panel intended for stand-off or rack mounting in combination with roof coverings shall be installed as shown in this Section and according the manufacturer's installation instructions for both the module and mounting system with respect to the fire performance requirements for Class A, B, or C when the module or panel is marked as being fire rated as specified in 47.11. For installations that are wider than the 40 inch (1016 mm) standard test deck, supports may need to be fabricated on which to mount the mounting system. Any support system is to be developed to ensure consistency with installation instructions and field conditions. The mounting system with installed PV module(s) or panel(s) shall be centered on the test deck and extend to the edges of the test deck. The mounted modules or panels shall be tested in combination with the following roof constructions:

Steep-Sloped Systems - Spread of Flame and Burning Brand: When designed for steep-sloped roofs for slopes greater than or equal to 2 in/ft (167 mm/m), a module or panel intended for stand-off or rack mounting in combination with a roof covering shall be tested in combination with the following roof construction:

- a) Roofing substrate: $\frac{3}{8}$ 15/32 inch (9.5 12 mm) thick plywood;

- b) Underlayment: ASTM D226 Type 1 Roofing Underlayment (also known as 15 lb Roofing Felt); and
- c) Roof Covering: Listed Class A 3 tab asphalt shingle, ASTM D3462, "Standard Specifications for Asphalt Shingles Made from Glass Felt and Surfaced with Mineral Granules." As an alternate roof construction it is permitted to use any Classified rolled asphalt membrane mechanically secured over a noncombustible substrate, having demonstrated a Class A fire rating, and flame extension of at least 48 inches (1219 mm) and not more than 72 inches (1829 mm) in the average of three baseline tests.

The roof covering system must demonstrate a flame extension of at least 48 inches (1219 mm) and not more than 72 inches (1829 mm) in the average of three baseline tests.

Low-Sloped Mounting Systems - Spread of Flame: When designed for low-sloped roofs for slopes less than 2 in/ft (167 mm/m), a module or panel intended for stand-off or rack mounting in combination with a roof covering shall be tested in combination with the following roof construction:

- a) Roofing substrate: 3/8 15/32 inch (9.5 12 mm) thick plywood;
- b) Insulation: 4 inch (102 mm) polyisocyanurate insulation; and
- c) Roof Covering: Single-ply, mechanically attached, EPDM rubber membrane with the system having demonstrated a Class A fire rating, and flame extension of at least 48 inches (1219 mm) and not more than 72 inches (1829 mm) in the average of three baseline tests. Minimum thickness 0.060 inch (1.5 mm) as identified by the manufacturer or determined as described in ASTM E4637. One roof covering system that has been found to comply is an EPDM rubber membrane, minimum thickness of 0.060 inch (1.5 mm).

The roof covering system must demonstrate a flame extension of at least 48 inches (1219 mm) and not more than 72 inches (1829 mm) in the average of three baseline tests.

Steep-Sloped Systems - Burning Brand: When designed for steep-sloped roofs for slopes greater than or equal to 2 in/ft (167 mm/m), a module or panel intended for stand-off or rack mounting in combination with a roof covering shall be tested in combination with the following roof construction:

- a) Roofing substrate: 3/8 inch (9.5 mm) thick plywood;
- b) Underlayment: ASTM D226 Type 1 Roofing Underlayment (also known as 15 lb Roofing Felt); and
- c) Roof Covering: Listed Class A 3 tab asphalt shingle, ASTM D3462, "Standard Specifications for Asphalt Shingles Made from Glass Felt and Surfaced with Mineral Granules."

31.2.2.1 The spread-of-flame tests are to be conducted on PV modules or panels. Tests are to be conducted using the apparatus as described in the Standard Test Methods for Fire Tests of Roof Coverings, UL 790, and the tests modified as described in the following subsections. For the tests described in (a) and (b), the modules or panels shall be evaluated in combination with the intended mounting systems as described in the accompanying manufacturer's installation instructions.

- a) Spread of Flame at Roof and Module or Panel Interface Over Representative Steep Sloped Roof. With the module or panel installed on a steep slope roof as an assembly and oriented such that the fire growth from the roof covering materials advances to the interstitial space below the module or panel and above the roof. Mounting equipment that prevents flame in the interstitial space is permitted to meet this requirement. The module or panel installation shall be installed

with a minimum of 36 inches (910 mm) between the edge of the flame test apparatus and the edge of the PV mounting system. The module or panel installation for steep sloped roofs shall be the measured baseline in accordance with 31.2.1.2 minus 12 inches (303 mm). Figure 31.2 illustrates how the baseline roof tests are used to establish the location of PV mounting system relative to the test flame. Figures 31.3 and 31.4 illustrate where the test sample is to be located relative to the test flame. The rating obtained for a 5-inch (127 mm) gap between the bottom of the module frame and the roof covering surface can be used for any other gaps allowed by the mounting instructions. This test is not required if the Installation Instructions require that the module or panel only be installed for slopes less than 2 inches/foot (167 mm/m).

b) Spread of Flame at Roof and Module or Panel Interface Over Representative Low Sloped Roof. With the module or panel installed on a low slope roof as an assembly and oriented such that the fire growth from the roof covering materials advances to the interstitial space below the module or panel and above the roof. Mounting equipment that prevents flame in the interstitial space is permitted to meet this requirement. For low sloped roofs, the module or panel installation shall be installed with a minimum of 36 inches (910 mm) between the edge of the flame test apparatus and the edge of the PV mounting system. The module or panel installation for low sloped roofs shall be the measured baseline in accordance with 31.2.1.2 minus 12 inches (303 mm). For products with asymmetrical edge configurations, these dimensions apply to each of the 3 tests described in 31.2.1.3. Figures 31.5 - 31.12 illustrate where the test sample is to be located relative to the test flame. If no gap height is specified in the manufacturer's instructions, a 5-inch (127 mm) gap between the bottom of the module frame and the roof covering surface shall be used with the module or panel parallel to the roof surface. The rating obtained for a 5-inch (127 mm) gap can be used for any other gaps allowed by the mounting instructions. This test is not required if the Installation Instructions require that the module or panel only be installed for slopes greater than 2 inches/foot (167 mm/m).

Note: Testing during the development of fire testing procedures suggest that 5 inches (127 mm) is a worst case condition.

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BSR/UL 1738, Standard for Safety for Venting Systems for Gas-Burning Appliances, Categories II, III, and IV

1. Vent Test Temperature and Rating Clarification

PROPOSAL

19.3 The temperature of the vent gases or heated air entering the test venting system is to be adjusted to 70°F (38.8°C) above the rated temperature at the minimum input specified in Table 19.1. If a gas burner is used, combustion of fuel gases is to be complete within the combustion chamber of the vent gas generator.

Table 19.1

Vent Typical vent gas test temperatures and minimum vent input for vent sizes

Nominal diameter (or equivalent cross-section) of vent,		Rated Test temperature, and minimum vent input			
		210°F (99°C) ¹		300°F (149°C) ¹	
		Minimum vent-gas generator	Minimum heat producing assembly input	Minimum vent-gas generator input	Minimum heat producing assembly input
inches	(mm)	Btu/hr	kW	Btu/hr	kW
2	(51)	1,900	0.57	2,200	0.64
3	(76)	4,277	1.25	4,950	1.45
4	(102)	7,605	2.23	8,800	2.58
5	(127)	11,882	3.48	13,750	4.03
6	(152)	17,103	5.01	19,790	5.80
		330°F (177°C) ¹		400°F (204°C) ¹	
		Minimum vent-gas generator	Minimum heat producing assembly input	Minimum vent-gas generator input	Minimum heat producing assembly input
		Btu/Hr	kW	Btu/Hr	kW
2	(51)	2,320	0.68	2,513	0.74
3	(76)	5,190	1.52	5,655	1.66
4	(102)	9,320	2.73	10,056	2.95
5	(127)	14,340	4.20	15,712	4.60
6	(152)	21,170	6.20	22,616	6.63

		480°F (249°C) ¹		550°F (288°C) ¹	
		Minimum vent-gas generator-	Minimum heat producing assembly input -	Minimum vent-gas generator input -	Minimum heat producing assembly input -
		Btu/Hr	kW	Btu/Hr	kW
2	(51)	2,830	0.83	3,142	0.92
3	(76)	6,350	1.86	7,070	2.07
4	(102)	11,300	3.31	12,570	3.68
5	(127)	17,600	5.16	19,640	5.76
6	(152)	25,300	7.41	28,270	8.29

¹ The actual test temperature is the specified value plus 70°F (38.8°C) as noted in 19.3.

19.5 Upon successful completion of test, the vent temperature rating shall be equal to the minimum rated vent input temperature selected from Table 19.1 less 70°F (38.8°C).

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BSR/UL 2227, Standard for Safety for Overfilling Prevention Devices

1. Operation Test – Test container size

12.2 Three samples of the overfilling prevention device are to be installed on valves as recommended by the manufacturer, as appropriate, and are to be individually installed into a representative DOT container as intended in service or ASME container as noted in Table 12.1 and connected to a fuel transfer valve. LP-Gas shall be allowed to flow into the container through each sample until the overfilling prevention device functions.

Table 12.1
Container test size

Size of Container on which OPD is Used	Container Type and Size for Test
4 lb – 60 lb propane DOT cylinder	20 lb DOT cylinder
Equal to or greater than 100 lb propane DOT cylinder	400 lb DOT cylinder
ASME stationary container	Smallest size to be used
ASME containers used only for engine fuel or mobile service	Smallest size to be used

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