

Contents

American National Standards

Call for Comment on Standards Proposals	2
Call for Members (ANS Consensus Bodies)	11
Final Actions	14
Project Initiation Notification System (PINS)	17
ANSI-Accredited Standards Developers Contact Information	22

International Standards

ISO Draft Standards	23
ISO Newly Published Standards	25
Proposed Foreign Government Regulations	27
Information Concerning	28

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: October 21, 2012

NSF (NSF International)

Revision

BSR/NSF 140-201x (i12), Sustainability Assessment for Carpet (revision of ANSI/NSF 140-2012)

The purpose of this ballot is to update the normative references in the Standard.

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

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

NSF (NSF International)

Revision

BSR/NSF 140-201x (i24), Sustainability Assessment for Carpet (revision of ANSI/NSF 140-201x)

Issue 24 - The purpose of this ballot is to update the reference to a specific product type in 8.1. The language addresses coal fly ash in general; therefore, it does not need to be specifically stated. Other product types are not listed but fall under this criterion.

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

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

SDI (ASC A250) (Steel Door Institute)

Revision

BSR A250.8-201x, Recommended Specifications for Standard Steel Doors and Frames (revision of ANSI A250.8-2003 (R2008))

This specification for standard swinging steel doors and frames offers a variety of choices suitable for any commercial application. Specific performance levels of doors and frames are defined in this standard. SDI -108, "Selection and Usage Guide for Standard Steel Doors," shall be used as a guide. This Standard shall not act as an obstruction to the development of new, modified, or improved products that meet the intent of this specification.

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

Send comments (with copy to psa@ansi.org) to: Linda Hamill, (440) 899-0010, leh@wherryassoc.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 489-201X, Standard for Safety for Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures (revision of ANSI/UL 489-2011)

- (1) Revision to Spacing Requirements for Clamp Joints;
- (4) Revision to Handle Tie Requirements in Response to 2008 Revisions to the NEC Section 210.4 (B);
- (5) Revision of Requirements to Allow Manual Operations During Test Sequence;
- (13) Addition of 4-Pole Endurance and Interruption Test Connection Diagrams;
- (16) Addition of Special Purpose Marking.

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

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

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 514A-201x, Standard for Metallic Outlet Boxes (revision of ANSI/UL 514A-2010)

- (1) Addition of knockout requirements for 1-1/2 and 2 trade size knockouts to Table 6 and Figure 15;
- (10) Revision to Ceiling-Suspended Fan Support Requirement for Canada in Clause 5.7 to Reflect Proposed Changes to the CEC.

[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 810A-201x, Standard for Electrochemical Capacitors (revision of ANSI/UL 810A-2011)

- (1) Addition of a Definition for Electrochemical Capacitors.

[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 858-201x, the Standard for Household Electric Ranges (revision of ANSI/UL 858-2012)

- (1) Addition and Revision to Requirements for Resistance to Moisture;
- (2) Proposal to Reduce Temperature Limits of Child-Accessible Surfaces.

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

Send comments (with copy to psa@ansi.org) to: Amy Walker, (847) 664-2023, Amy.K.Walker@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 1283-201x, Standard for Safety for Electromagnetic Interference Filters (Bulletin dated September 21, 2012) (revision of ANSI/UL 1283-2009)

Proposal to Expand Scope to Cover Filters Rated up to 1000 V ac and 1500V dc.

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

Send comments (with copy to psa@ansi.org) to: Edward Minasian, (631) 546-3305, Edward.D.Minasian@ul.com

UL (Underwriters Laboratories, Inc.)

Revision

BSR/UL 2523-201X, Standard for Safety for Solid Fuel-Fired Hydronic Heating Appliances, Water Heaters, and Boilers (revision of ANSI/UL 2523-2011)

UL proposes revisions to UL 2523 to add requirements for ANSI/ASME pressure vessel stamps.

[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 8750-201X, Standard for Safety for Light Emitting Diode (LED) Equipment for Use in Lighting Products (revision of ANSI/UL 8750-2011)

The following changes in requirements to the Standard for Light Emitting Diode (LED) Equipment for Use in Lighting Products, UL 8750, are being proposed:

(1) Add requirements for dimmable LED drivers for use with solid-state dimming controls electrically wired in series with the mains supply.

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

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

Comment Deadline: November 5, 2012**AAMI (Association for the Advancement of Medical Instrumentation)****New Standard**

BSR/AAMI NS4-201x, Transcutaneous electrical stimulators (new standard)

This standard establishes certain requirements for portable, battery-powered, transcutaneous electrical nerve stimulators (TENS devices) that are used in the treatment of pain syndromes, that are intended for use on intact skin and mucous membranes, and that do not require surgical intervention or violation of the skin surface.

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

Obtain an electronic copy from: www.aami.org

Order from: AAMI Publications (phone 800-249-8226/fax 301-206-9789)

Send comments (with copy to psa@ansi.org) to: Jennifer Moyer, (703) 253-8274, jmoyer@aami.org

API (American Petroleum Institute)**New National Adoption**

BSR/API Specification 19V-201x, Subsurface Barrier Valves and Related Equipment (identical national adoption of ISO 28781)

Provides the requirements for subsurface barrier valves and related equipment as they are defined in this standard for use in the petroleum and natural gas industries. Included are the requirements for design, design validation, manufacturing, functional evaluation, repair, redress, handling and storage. Subsurface barrier valves provide a means of isolating the formation or creating a barrier in the tubular to facilitate the performance of pre- and/or post-production/injection operational activities in the well.

Single copy price: \$25.00

Obtain an electronic copy from: Danielle Jones (jonesd@api.org)

Order from: Danielle Jones, API, jonesd@api.org

Send comments (with copy to psa@ansi.org) to: Katie Burkle, 202-682-8507, burklek@api.org

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

BSR/ASHRAE Addendum al to ANSI/ASHRAE Standard 135-2010, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to)

The purpose of this addendum is to specify Best Practices for Gateway Design and to add new BIBBs and Devices Profiles.

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 ar to ANSI/ASHRAE Standard 135-2010, BACnet - A Data Communication Protocol for Building Automation and Control Networks (addenda to)

This addendum:

- adds new Engineering Units;
- clarifies Coercion Requirements;
- specifies SubscribeCOVProperty Error Codes;
- adds Slave Proxy BIBBs;
- allows Unicast I-Have messages; and
- requires both Time Sync Services for Time Masters.

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>

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

BSR ATIS 0100036-201x, Media Plane Performance Security Impairments Standard for Evolving VoIP/Multimedia Networks (new standard)

This ATIS Standard is intended to provide awareness and information regarding the use of security mechanisms in support of Next Generation Network (NGN) National Security and Emergency Preparedness (NS/EP) Services. When introducing network security mechanisms (e.g., IPSec) into Evolving Voice over Internet Protocol (VoIP)/Multimedia Networks one may encounter impairments introduced or exacerbated by those network security mechanisms. One may need to explore tradeoffs between security and QoS to achieve the necessary communication channel during NSEP conditions.

Single copy price: \$130.00

Obtain an electronic copy from: kconn@atis.org

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

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

ATIS (Alliance for Telecommunications Industry Solutions)

New Standard

BSR ATIS 0300075-201x, Usage Data Management Architecture and Protocols Requirements for Packet-Based Application Services (new standard)

This document describes a functional architecture and provides requirements intended for usage data management to be applied to various business applications for accounting and charging of packet-based telecommunications services.

Single copy price: \$130.00

Obtain an electronic copy from: kconn@atis.org

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

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

AWS (American Welding Society)

Revision

BSR/AWS C7.1M/C7.1-201x, Recommended Practices for Electron Beam Welding (revision of ANSI/AWS C7.1M/C7.1-2004)

This document presents recommended practices for electron beam welding. It is intended to cover common applications of the process. Processes definitions, safe practices, general process requirements, and inspection criteria are provided.

Single copy price: \$91.00

Obtain an electronic copy from: roneill@aws.org

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

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

CSA (CSA Group)

Revision

BSR Z21.10.3b-201x, Standard for Gas Water Heaters, Volume III, Storage Water Heaters with Input Ratings Above 75,000 Btu per Hour, Circulating and Instantaneous, same as CSA 4.3b (revision of ANSI Z21.10.3-2004 (R2010), ANSI Z21.10.3a/CSA 4.3a-2007 (R2010), ANSI Z21.10.3b-2008 (R2010))

Details test and examination criteria for automatic storage, with input ratings above 75,000 Btu per hour (21 980 W), circulating and instantaneous water heaters for use with natural, manufactured and mixed gases; liquefied petroleum gases; and LP gas-air mixtures.

Single copy price: \$275.00

Obtain an electronic copy from: cathy.rake@csagroup.org

Order from: Cathy Rake, (216) 524-4990, cathy.rake@csagroup.org

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

CSA (CSA Group)

Revision

BSR Z21.13-201x, Standard for Gas-Fired Low Pressure Steam and Hot Water Boilers (same as CSA 4.9) (revision and consolidation of ANSI Z21.13-2010, ANSI Z21.13a-2010, and ANSI Z21.13b-2012)

Details test and examination criteria for Categories I, II, III, and IV low-pressure steam and hot water boilers for use with natural, manufactured, and mixed gases; liquefied petroleum gases; and LP gas-air mixtures. A boiler is defined in the standard as a boiler operating at or below the following pressures or temperatures:

- steam heating boiler: 15 psi (103.42 kPa) steam pressure;
- hot water heating or supply boiler: 160 psi (1.10 MPa) water pressure, 250 F (121 C) water temperature.

Single copy price: \$175.00

Obtain an electronic copy from: cathy.rake@csagroup.org

Order from: Cathy Rake, (216) 524-4990, cathy.rake@csagroup.org

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

CSA (CSA Group)

Revision

BSR Z21.56a-201x, Standard for Gas-Fired Pool Heaters (same as CSA 4.7a) (revision of ANSI Z21.56-2005 (R2012) Add A & Add B)

Details test and examination criteria for pool heaters for use with natural, manufactured and mixed gases, liquefied petroleum gases, and LP gas-air mixtures. Pool heaters are designed to heat non-potable water stored at atmospheric pressure, such as water in swimming pools, spas, hot tubs and similar applications.

Single copy price: \$225.00

Obtain an electronic copy from: cathy.rake@csagroup.org

Order from: Cathy Rake, (216) 524-4990, cathy.rake@csagroup.org

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

IEEE (Institute of Electrical and Electronics Engineers)

New Standard

BSR/IEEE C63.23-200x, Standard Guide for Electromagnetic Compatibility - Computations and Treatment of Measurement Uncertainty (new standard)

This standard is intended to provide measurement laboratories with guidelines and generally accepted laboratory practices in the determination of EMI measurement uncertainties. The primary application of this edition of ANSI C63.23 is for use with ANSI C63.4, American National Standard for Methods of Measurement of Radio-Noise Emissions from Low-Voltage Electrical and Electronic Equipment in the Range of 9 kHz to 40 GHz.

Single copy price: N/A

Obtain an electronic copy from: p.roder@ieee.org

Order from: Patricia Roder, (732) 275-7362, p.roder@ieee.org

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

ITI (INCITS)***New National Adoption***

INCITS/ISO/IEC 29136-201x, Information technology - User interfaces - Accessibility of personal computer hardware (identical national adoption of ISO/IEC 29136:2012)

ISO/IEC 29136:2012 provides requirements and recommendations for the accessibility of personal computer hardware, to be used when planning, developing, designing and distributing these computers. While it does not cover the behavior of, or requirements for, assistive technologies, it does address connectivity of assistive technologies as an integrated component of interactive systems. Some requirements or recommendations in ISO/IEC 29136:2012 require software support; however, requirements and recommendations that solely focus on software are not included in ISO/IEC 29136:2012.

Single copy price: \$135.00

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

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

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

NEMA (ASC C29) (National Electrical Manufacturers Association)***Revision***

BSR C29.18-201x, Standard for Composite Insulators - Distribution Line Post Type (revision of ANSI C29.18-2003)

This standard covers composite distribution line post insulators made of a fiberglass-reinforced resin rod core, polymer material weathersheds, and metal end fittings designed for use on overhead lines for electric power systems, 69 kV and below.

Single copy price: \$44.00

Order from: Steve Griffith, 703-841-3297, Steve.Griffith@nema.org

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

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

BSR/NEMA WD 6-201x, Wiring Devices - Dimensional Specifications (revision of ANSI/NEMA WD 6-2002 (R2008))

This standard covers dimensional requirements for plugs and receptacles rated up to 60A and 600V.

Single copy price: Free of charge for electronic versions

Obtain an electronic copy from: and-moldoveanu@nema.org

Order from: Andrei Moldoveanu, (703) 841-3290, and_moldoveanu@nema.org

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

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

BSR/NSF 358-2-201x (i1), Polypropylene Pipe and Fittings for Water-Based Ground-Source 'Geothermal' Heat Pump Systems (new standard)

This proposed standard will be separated into four separate ballot documents based on material types. NSF 358-2 addresses products in polypropylene systems.

Single copy price: Free

Obtain an electronic copy from: http://standards.nsf.org/apps/group_public/download.php/18720/358-2i1r4.pdf

Order from: Monica Leslie, (734) 827-5643, mleslie@nsf.org

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

TCNA (ASC A108) (Tile Council of North America)***New Standard***

BSR A118.15-201x, Standard Specifications for Improved Modified Dry-Set Cement Mortar (new standard)

This specification describes the test methods and the minimum requirements for improved modified dry-set cement mortar.

Single copy price: \$15.00

Obtain an electronic copy from: Tile Council of North America

Order from: Tile Council of North America

Send comments (with copy to psa@ansi.org) to: Katelyn Simpson, (864) 646-8453 ext.108, ksimpson@tileusa.com

TCNA (ASC A108) (Tile Council of North America)***Revision***

BSR A108.01-201x, General Requirements: Subsurfaces and Preparations by Other Trades (revision of ANSI A108.01-2010)

This specification is intended to describe the general requirements for substrates and subsurfaces and general guidelines for preparation by other trades.

Single copy price: \$15.00

Obtain an electronic copy from: Tile Council of North America

Order from: Tile Council of North America

Send comments (with copy to psa@ansi.org) to: Katelyn Simpson, (864) 646-8453 ext.108, ksimpson@tileusa.com

TCNA (ASC A108) (Tile Council of North America)***Revision***

BSR A108.1A-201x, Installation of Ceramic Tile in the Wet-Set Method, with Portland Cement Mortar (revision of ANSI A108.1A-2011)

This standard outlines the guidelines for installing tile using the wet-set method with portland cement mortar. This includes the type of lath to use, where the lath should go, the different mixes of mortar, and lastly grouting of tile which has been installed with this method.

Single copy price: \$15.00

Obtain an electronic copy from: Tile Council of North America

Order from: Tile Council of North America

Send comments (with copy to psa@ansi.org) to: Katelyn Simpson, (864) 646-8453 ext.108, ksimpson@tileusa.com

TCNA (ASC A108) (Tile Council of North America)***Revision***

BSR A108.02-201x, General Requirements: Materials, Environmental, and Workmanship (revision of ANSI A108.02-2011)

This specification is intended to describe the general requirements for materials and workmanship for installation of ceramic tile.

Single copy price: \$15.00

Obtain an electronic copy from: Tile Council of North America

Order from: Tile Council of North America

Send comments (with copy to psa@ansi.org) to: Katelyn Simpson, (864) 646-8453 ext.108, ksimpson@tileusa.com

TCNA (ASC A108) (Tile Council of North America)**Revision**

BSR A118.1-201x, Standard Specification for Dry-Set Cement Mortar (revision of ANSI A118.1-2010)

This specification describes the test methods and the minimum requirements for standard dry-set cement mortar.

Single copy price: \$15.00

Obtain an electronic copy from: Tile Council of North America

Order from: Tile Council of North America

Send comments (with copy to psa@ansi.org) to: Katelyn Simpson, (864) 646-8453 ext.108, ksimpson@tileusa.com

TCNA (ASC A108) (Tile Council of North America)**Revision**

BSR A118.4-201x, Standard Specifications for Modified Dry-Set Cement Mortar (revision of ANSI A118.4-2010)

This specification describes the test methods and the minimum requirements for modified dry-set cement mortar.

Single copy price: \$15.00

Obtain an electronic copy from: Tile Council of North America

Order from: Tile Council of North America

Send comments (with copy to psa@ansi.org) to: Katelyn Simpson, (864) 646-8453 ext.108, ksimpson@tileusa.com

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

BSR/UL 1863-2004 (R201x), Standard for Safety for Communications-Circuit Accessories (reaffirmation of ANSI/UL 1863-2004 (R2008))

UL 1863 covers telecommunications-circuit accessories, such as jack and plug assemblies, quick-connect terminal assemblies, telephone wall plates, telephone extension cords, cross-connect terminal-block assemblies, maintenance terminal modules, terminal enclosures, cable-splice enclosures, network-interface devices, wire-guide assemblies, and connector boxes.

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: Derrick Martin, (408) 754-6656, Derrick.L.Martin@ul.com

Comment Deadline: November 20, 2012

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

AGMA (American Gear Manufacturers Association)**Reaffirmation**

BSR/AGMA 2015-2-2006 (R201x), Accuracy Classification System for Cylindrical Gears - Radial Measurements (reaffirmation of ANSI/AGMA 2015-2-2006 (R2012))

This standard establishes a classification system relevant to radial (double-flank) composite deviations of individual cylindrical involute gears. It serves as a concise means of specifying gear accuracy without the immediate need of supplying individual tolerances.

Single copy price: \$40.00

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

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

AGMA (American Gear Manufacturers Association)**Reaffirmation**

BSR/AGMA 6114-A-2006 (R201x), Gear Power Rating for Cylindrical Shell and Trunnion Supported Equipment (Metric Edition) (reaffirmation of ANSI/AGMA 6114-A-2006)

This standard specifies a method for rating the pitting resistance and bending strength of open or semi-enclosed spur, single-helical, double-helical, and herringbone gears made from steel and spheroidal graphitic iron for use on cylindrical shell and trunnion-supported equipment such as cylindrical grinding mills, kilns, coolers, and dryers.

Single copy price: \$100.00

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

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

ANS (American Nuclear Society)**Reaffirmation**

BSR/ANS 5.10-1998 (R201x), Airborne Release Fractions at Non-Reactor Nuclear Facilities (reaffirmation of ANSI/ANS 5.10-1998 (R2006))

This standard provides criteria for defining Airborne Release Fractions (ARFs) for radioactive materials under accident conditions (excluding nuclear criticalities) at non-reactor nuclear facilities. The criteria in this standard provide requirements for selecting ARFs based on the calculated or assumed forms of radioactive material released.

Single copy price: \$120.00

Order from: Sue Cook, (708) 579-8210, orders@ans.org; scook@ans.org

Send comments (with copy to psa@ansi.org) to: Patricia Schroeder, (708) 579-8269, pschroeder@ans.org

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

BSR/ASME B5.57-201x, Method for Performance Evaluation of Computer Numerically Controlled Lathes and Turning Machines (revision of ANSI/ASME B5.57-1998 (R2006))

This Standard establishes requirements and methods for specifying and testing the performance of Computer Numerically Controlled (CNC) lathes and turning centers. In addition to clarifying the performance evaluation of lathes and turning centers, this Standard seeks to facilitate performance comparisons between machines by unifying terminology, general machine classification, and the treatment of environmental effects. This Standard defines testing methods capable of yielding adequate performance results for the majority of turning centers and is not intended to replace more complete tests.

Single copy price: Free

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

Send comments (with copy to psa@ansi.org) to: Calvin Gomez, (212) 591-7021, gomezcc@asme.org

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

BSR/ASME B18.2.1-201x, Square and Hex Bolts and Screws - Inch (revision of ANSI/ASME B18.2.1-2010)

This Standard covers the dimensional requirements for nine product types of inch series bolts and screws recognized as American National Standard. Also included are appendices covering gaging procedures, grade markings for bolts and screws, formulas on which dimensional data are based, and a specification to assist in identifying a product as being a screw or a bolt. Where questions arise concerning acceptance of product, the dimensions in the tables shall govern over recalculation by formula. Heavy hex structural bolts, formerly covered in ASME B18.2.1 are now covered in ASME B18.2.6. The inclusion of dimensional data in this Standard is not intended to imply that all of the products described are stock production sizes. Consumers should consult with suppliers concerning lists of stock production sizes.

Single copy price: Free

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

Send comments (with copy to psa@ansi.org) to: Calvin Gomez, (212) 591-7021, gomezc@asme.org

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

BSR/ASME PVHO-2-2003 (R201x), Safety Standard for Pressure Vessels for Human Occupancy: In-Service Guidelines for PVHO Acrylic Windows (revision of ANSI/ASME PVHO-2-2003 (R2008))

This Standard provides technical requirements and guidelines for the operation and maintenance of PVHOs and PVHO systems that were designed, constructed, tested and certified in accordance with ASME PVHO-1, Safety Standard for Pressure Vessels for Human Occupancy

Single copy price: Free

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

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

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

BSR/ASME Y14.3-201x, Orthographic and Pictorial Views (revision, redesignation and consolidation of ANSI/ASME Y14.3-2003 (R2008) and ANSI/ASME Y14.4M-1989 (R2009))

This Standard establishes the requirements for creating orthographic and pictorial views for engineering drawings. The topics covered include the multiview system of drawing, selection, and arrangement of orthographic views, auxiliary views, sectional views, details, and conventional drawing practices. It also addresses the kinds of pictorial views commonly used on engineering drawings. The methods for constructing pictorial drawings is beyond the scope of this Standard. Space geometry and space analysis and applications are included in the appendices for informational purposes.

Single copy price: Free

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

Send comments (with copy to psa@ansi.org) to: Fredric Constantino, (212) 591-8684, constantinof@asme.org

ASSE (ASC A10) (American Society of Safety Engineers)**New Standard**

BSR ASSE A10.23-201X, Safety Requirements for the Installation of Drilled Shafts (new standard)

This standard establishes safety requirements for the installation of drilled shafts during construction and demolition operations.

Single copy price: \$50.00

Obtain an electronic copy from: TFisher@ASSE.Org

Order from: Timothy Fisher, (847) 768-3411, TFisher@ASSE.Org

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

Projects Withdrawn from Consideration

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

ATIS (Alliance for Telecommunications Industry Solutions)

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

ATIS (Alliance for Telecommunications Industry Solutions)

BSR ATIS 0600311-200x, DC Power Systems - Telecommunications Environment Protection (revision of ANSI ATIS 0600311-2007)

Inquiries may be directed to Kerriane Conn, (202) 434-8841, kconn@atis.org

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

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

ANSI/NISO Z39.56-1996 (R2002), Serial Item and Contribution Identifier (SICI)

Corrections

Incorrect CFC Listings

BSR/ASHRAE Addendum 55g-201x

BSR/ASHRAE Addendum 55g-201x, Thermal Environmental Conditions for Human Occupancy (addenda to ANSI/ASHRAE Standard 55-2010), was mistakenly listed for comment in Standards Action, September 14, 2012. This draft is not available for public review.

BSR/NEMA AB 3-201x

BSR/NEMA AB 3-201x, Molded Case Circuit Breakers and Their Application (new standard), was mistakenly listed for comment in Standards Action, September 14, 2012. This draft is not available for public review.

NFPA FIRE PROTECTION STANDARDS DOCUMENTATION

The National Fire Protection Association announced the availability of NFPA *First Draft Report* for concurrent review and comment by NFPA and ANSI in the Volume 43, Number 38 issue of Standards Action.

The disposition of all comments received will be published in the *Second Draft Report* (formally *Report on Comments*), also located on the document's information page under the next edition tab. The document's specific URL, www.nfpa.org/doc#next (for example www.nfpa.org/101next), can easily access the document's information page. All comments on the 2013 Fall Revision Cycle First Draft Report must be received by November 16, 2012.

The First Draft Report for documents in the 2013 Fall Revision Cycle was released on September 7, 2012, and contains the disposition of public input received for those proposed documents. Anyone wishing to review the First Draft Report for the 2013 Fall Revision Cycle may do so on each document's information page under the next edition tab. The document's specific URL, for example www.nfpa.org/doc#next (www.nfpa.org/101next), can easily access the document's information page.

For more information on the rules and for up-to-date information on schedules and deadlines for processing NFPA Documents, check the NFPA website (<http://www.nfpa.org>) or contact NFPA's Codes and Standards Administration. Those who sent comments to NFPA (Contact Codes and Standards Administration, NFPA, One Batterymarch Park, Quincy, MA 02269-7471) on the related standards are invited to copy ANSI's Board of Standards Review.

Comment Deadline: November 16, 2012

NFPA (National Fire Protection Association)

Revision

BSR/NFPA 37-201x, Standard for the Installation and Use of Stationary Combustion Engines and Gas Turbines (revision of ANSI/NFPA 37-2010)

This standard establishes criteria for minimizing the hazards of fire during the installation and operation of stationary combustion engines and gas turbines.

BSR/NFPA 69-201x, Standard on Explosion Prevention Systems (revision of ANSI/NFPA 69-2007)

Covers the design, construction, operation, maintenance and testing of systems for the prevention of deflagration explosions by means of the following methods:

- (a) control of oxidant concentration;
- (b) control of combustible concentration;
- (c) explosion suppression;
- (d) deflagration pressure containment; and
- (e) spark-extinguishing systems.

BSR/NFPA 82-201x, Standard on Incinerators and Waste and Linen Handling Systems and Equipment (revision of ANSI/NFPA 82-2009)

This standard covers requirements for the installation, maintenance, and use of waste and recyclables storage rooms, containers, handling systems, incinerators, compactors, and linen and laundry handling systems. This standard does not include design criteria for the purpose of reducing air pollution. For such criteria, consult the authorities having jurisdiction. The requirements in this standard shall not apply to one- or two-family residential structures.

BSR/NFPA 730-201x, Guide for Premises Security (revision of ANSI/NFPA 730-2011)

This guide describes construction, protection, occupancy features, and practices intended to reduce security vulnerabilities to life and property. This guide is not intended to supersede government statutes or regulations.

BSR/NFPA 731-201x, Standard for the Installation of Electronic Premises Security Systems (revision of ANSI/NFPA 731-2011)

This standard covers the application, location, installation, performance, testing, and maintenance of electronic premises security systems and their components.

BSR/NFPA 750-201x, Standard on Water Mist Fire Protection Systems (revision of ANSI/NFPA 750-2010)

This standard contains the minimum requirements for the design, installation, maintenance, and testing of water mist fire protection systems. This standard does not provide definitive fire performance criteria, nor does it offer specific guidance on how to design a system to control, suppress, or extinguish a fire. Reliance is placed on the procurement and installation of listed water mist equipment or systems that have demonstrated performance in fire tests as part of a listing process.

BSR/NFPA 921-201x, Guide for Fire and Explosion Investigations (revision of ANSI/NFPA 921-2011)

This document is designed to assist individuals who are charged with the responsibility of investigating and analyzing fire and explosion incidents and rendering opinions as to the origin, cause, responsibility, or prevention of such incidents.

BSR/NFPA 1005-201x, Standard for Professional Qualifications for Marine Fire Fighting for Land-Based Fire Fighters (revision of ANSI/NFPA 1005-2006)

This standard identifies the minimum job performance requirements (JPRs) for land-based fire fighters responsible for fire-fighting operations aboard commercial/military vessels over 50 ft involved in fire that call at North American ports or that are signatory to the International Safety of Life at Sea (SOLAS) Agreement.

BSR/NFPA 1192-201x, Standard on Recreational Vehicles (revision of ANSI/NFPA 1192-2011)

This standard shall cover fire and life safety criteria for recreational vehicles.

BSR/NFPA 1194-201x, Standard for Recreational Vehicle Parks and Campgrounds (revision of ANSI/NFPA 1194-2011)

This standard shall provide minimum construction requirements for safety and health for occupants using facilities supplied by recreational vehicle parks and campgrounds offering temporary living sites for use by recreational vehicles, recreational park trailers, and other camping units. This standard shall not cover the design of recreational vehicles, recreational park trailers, or other forms of camping units. This standard shall not cover operational and maintenance practices for recreational vehicle parks and campgrounds.

BSR/NFPA 1521-201x, Standard for Fire Department Safety Officer (revision of ANSI/NFPA 1521-2007)

This standard contains minimum requirements for the assignment, duties, and responsibilities of a health and safety officer (HSO) and an incident safety officer (ISO) for a fire department.

BSR/NFPA 1561-201x, Standard on Emergency Services Incident Management System (revision of ANSI/NFPA 1561-2008)

This standard contains the minimum requirements for an incident management system to be used by emergency services to manage all emergency incidents.

BSR/NFPA 1670-201x, Standard on Operations and Training for Technical Search and Rescue Incidents (revision of ANSI/NFPA 1670-2009)

This standard shall identify and establish levels of functional capability for conducting operations at technical search and rescue incidents while minimizing threats to rescuers.

BSR/NFPA 1963-201x, Standard for Fire Hose Connections (revision of ANSI/NFPA 1963-2009)

This standard gives the performance requirements for new fire hose couplings and adapters with nominal sizes from 3/4 in. (19 mm) through 8 in. (200 mm) and the specifications for the mating surfaces. Some fire-fighting organizations use a small hose, less than 3/4 in. (19 mm) nominal diameter, fitted with garden hose couplings. Such couplings should have 0.75-11.5 NH (garden hose thread) threads conforming to ANSI/ASME B1.20.7, Standard on Hose Coupling Screw Threads.

BSR/NFPA 1965-201x, Standard for Fire Hose Appliances (revision of ANSI/NFPA 1965-2009)

This standard shall cover the requirements for fire hose appliances up to and including 150 mm (6 in.) nominal dimension designed for connection to fire hose, fire apparatus, and fire hydrants and intended for general fire service use in controlling or conveying water. The purchasers should specify any desired conformance testing or required certification to this standard at the time they order the appliance.

BSR/NFPA 1975-201x, Standard on Station/Work Uniforms for Emergency Services (revision of ANSI/NFPA 1975-2009)

This standard shall specify requirements for the design, performance, testing, and certification of nonprimary protective station/work uniforms and the individual garments comprising station/work uniforms. This standard shall also specify requirements for the thermal stability of textiles used in the construction of station/work uniforms. This standard shall also specify optional requirements for flame resistant textiles where such textiles are specified or claimed to be used in construction of station/work uniforms. This standard shall not specify requirements for clothing that is intended to provide primary protection from given hazard exposures.

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: *Jennifer Moyer*

Phone: (703) 253-8274

Fax: (703) 276-0793

E-mail: jmoyer@aami.org

BSR/AAMI NS4-201x, Transcutaneous electrical stimulators (new standard)

ASSE (ASC A10) (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 A10.23-201X, Safety Requirements for the Installation of Drilled Shafts (new standard)

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

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

Contact: *Deborah Spittle*

Phone: (202) 626-5746

Fax: (202) 638-4922

E-mail: dspittle@itic.org

INCITS/ISO/IEC 14496-10-2012, Information technology - Coding of audio-visual objects - Part 10: Advanced Video Coding (identical national adoption of ISO/IEC 14496-10:2012 and revision of INCITS/ISO/IEC 14496-10-2009)

INCITS/ISO/IEC 29136-201x, Information technology - User interfaces - Accessibility of personal computer hardware (identical national adoption of ISO/IEC 29136:2012)

NEMA (ASC C29) (National Electrical Manufacturers Association)

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

Contact: *Steve Griffith*

Phone: 703-841-3297

Fax: 703-841-3397

E-mail: Steve.Griffith@nema.org

BSR C29.18-201x, Standard for Composite Insulators - Distribution Line Post Type (revision of ANSI C29.18-2003)

NEMA (National Electrical Manufacturers Association)

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

Contact: *Michael Leibowitz*

Phone: (703) 841-3264

Fax: (703) 841-3364

E-mail: mik_leibowitz@nema.org

BSR/NEMA MW 1000-201x, Magnet Wire (revision and redesignation of ANSI/NEMA MW 1000-2011)

RESNA (Rehabilitation Engineering and Assistive Technology Society of North America)

Office: PO Box 69
Minden, NV 89423

Contact: *Peter Axelson*

Phone: (775) 783-8822 ext. 121

Fax: (775) 783-8823

E-mail: peter@beneficialdesigns.com

BSR/RESNA WC-1-201x, RESNA Standard for Wheelchairs - Volume 1: Requirements and Test Methods for Wheelchairs (including Scooters) (national adoption of ISO 7176 with modifications and revision of ANSI/RESNA WC-1-2009a)

BSR/RESNA WC-2-201x, RESNA Standard for Wheelchairs - Volume 2: Additional Requirements for Wheelchairs (including Scooters) with Electrical Systems (national adoption of ISO 7176 with modifications and revision of ANSI/RESNA WC-2-2009a)

UAMA (ASC B7) (Unified Abrasives Manufacturers' Association)

Office: 30200 Detroit Road
Cleveland, OH 44145-1967

Contact: *Jeffrey Wherry*

Phone: (440) 899-0010

Fax: (440) 892-1404

E-mail: jjw@wherryassoc.com

BSR B7.1-201x, Safety Requirements for the Use, Care and Protection
of Abrasive Wheels (revision of ANSI B7.1-2010)

Call for Members (ANS Consensus Bodies)

AWWA (American Water Works Association)

Office: 6666 W. Quincy Avenue
Denver, CO 80235

Contact: Steven Posavec

Phone: 303-347-6175

Fax: 303-795-7603

E-mail: sposavec@awwa.org

Standards Committee #278: Softening and Conditioning Chemicals

Need: Producer members

B201 – Soda Ash

B202 – Quicklime and Hydrated Lime

B501 – Sodium Hydroxide

B511 – Potassium Hydroxide

B550 – Calcium Chloride

Standards Committee #334: Taste and Odor Control Chemicals

Need: Producer and User members

B512 – Sulfur Dioxide

B601 – Sodium Metabisulfite

B602 – Copper Sulfate

B603 – Permanganates

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.

ASA (ASC S12) (Acoustical Society of America)

Reaffirmation

ANSI/ASA S12.50-2002/ISO 3740-2000 (R2012), Standard acoustics - Determination of sound power levels of noise sources - Guidelines for the use of basic standards (reaffirmation of ANSI/ASA S12.50-2002/ISO 3704-2000 (R2007)): 9/13/2012

ASME (American Society of Mechanical Engineers)

Reaffirmation

ANSI/ASME B1.30-2002 (R2012), Screw Threads: Standard Practice for Calculating and Rounding Dimensions (reaffirmation of ANSI/ASME B1.30-2002 (R2007)): 9/17/2012

Revision

ANSI/ASME A17.2-2012, Guide for Inspection of Elevators, Escalators, and Moving Walks (revision of ANSI/ASME A17.2-2010): 9/14/2012

ANSI/ASME B31.4-2012, Pipeline Transportation Systems for Liquids and Slurries (revision of ANSI/ASME B31.4-2009): 9/14/2012

ANSI/ASME B31.8-2012, Gas Transmission and Distribution Piping Systems (revision of ANSI/ASME B31.8-2010): 9/14/2012

ANSI/ASME B31.8S-2012, Managing System Integrity of Gas Pipelines (revision of ANSI/ASME B31.8S-2010): 9/14/2012

ANSI/ASME QME-1-2012, Qualification of Active Mechanical Equipment Used in Nuclear Power Plants (revision of ANSI/ASME QME-1-2007): 9/17/2012

ASTM (ASTM International)

New Standard

ANSI/ASTM F512-2012, Specification for Smooth-Wall Poly(Vinyl Chloride) (PVC) Conduit and Fittings for Underground Installation (new standard): 8/21/2012

* ANSI/ASTM F1163-2011, Specification for Protective Headgear Used in Horse Sports and Horseback Riding (new standard): 3/29/2011

ANSI/ASTM F1827-2012, Terminology Relating to Food Service Equipment (new standard): 8/21/2012

ANSI/ASTM F2432-2012, Specification for Ice Making Machines, Icemaker-Dispensers and Ice Dispensing Equipment (new standard): 8/21/2012

ANSI/ASTM F2898-2011, Test Method for Permeability of Synthetic Turf Sports Field Base Stone and Surface System by Non-Confined Area Flood Test Method (new standard): 3/29/2011

ANSI/ASTM F2899-2011, Specification for Condition 1 Bicycle Forks (new standard): 3/29/2012

ANSI/ASTM F2945-2012, Specification for Polyamide 11 Gas Pressure Pipe, Tubing, and Fittings (new standard): 8/21/2012

ANSI/ASTM F2946-2012, Specification for PVC Hub and Elastomeric Seal (Gasket) Tee Connection for Joining Plastic Pipe to in situ Pipelines and Manholes (new standard): 8/21/2012

ANSI/ASTM F2949-2012, Specification for Pole Vault Box Collars (new standard): 8/21/2012

ANSI/ASTM F2969-2012, Specification for Acrylonitrile-Butadiene-Styrene (ABS) IPS Dimensioned Pressure Pipe (new standard): 8/21/2012

Reaffirmation

ANSI/ASTM F1360-2006 (R2012), Specification for Ovens, Microwave, Electric (reaffirmation of ANSI/ASTM F1360-2006): 8/21/2012

ANSI/ASTM F1804-2008 (R2012), Practice for Determining Allowable Tensile Load for Polyethylene (PE) Gas Pipe during Pull-In Installation (reaffirmation of ANSI/ASTM F1804-2008): 8/21/2012

Revision

ANSI/ASTM D2564-2012, Specification for Solvent Cements for Poly (Vinyl Chloride) (PVC) Plastic Piping Systems (revision of ANSI/ASTM D2564-2004 (R2009)): 8/21/2012

ANSI/ASTM D3261-2012, Specification for Butt Heat Fusion Polyethylene (PE) Plastic Fittings for Polyethylene (PE) Plastic Pipe and Tubing (revision of ANSI/ASTM D3261-2010a): 8/21/2012

ANSI/ASTM E691-2012, Practice for Conducting an Interlaboratory Study to Determine the Precision of a Test Method (revision of ANSI/ASTM E691-2011): 8/21/2012

ANSI/ASTM E1488-2012, Guide for Statistical Procedures to Use in Developing and Applying Test Methods (revision of ANSI/ASTM E1488-2008a): 8/21/2012

ANSI/ASTM E2148-2011b, Guide for Using Documents Related to Metalworking or Metal Removal Fluid Health and Safety (revision of ANSI/ASTM E2148-2006): 3/29/2011

ANSI/ASTM F409-2012, Specification for Thermoplastic Accessible and Replaceable Plastic Tube and Tubular Fittings (revision of ANSI/ASTM F409-2002 (R2008)): 8/21/2012

ANSI/ASTM F1023-2012, Specification for Dispensers, Powdered Iced Tea (revision of ANSI/ASTM F1023-1999): 8/21/2012

ANSI/ASTM F1704-2012, Test Method for Capture and Containment Performance of Commercial Kitchen Exhaust Ventilation Systems (revision of ANSI/ASTM F1704-2009): 8/21/2012

* ANSI/ASTM F1750-2011, Specification for Paintball Marker Threaded-Propellant Source Interface (revision of ANSI/ASTM F1750-2005 (R2010)): 3/29/2011

ANSI/ASTM F1807-2012, Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-Linked Polyethylene (PEX) Tubing and SDR9 Polyethylene Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F1807-2011): 8/21/2012

ANSI/ASTM F1960-2012, Specification for Cold Expansion Fittings with PEX Reinforcing Rings for Use with Cross-Linked Polyethylene (PEX) Tubing (revision of ANSI/ASTM F1960-2011): 8/21/2012

ANSI/ASTM F2030-2011, Specification for Paintball Cylinder Burst Disk Assemblies (revision of ANSI/ASTM F2030-2008): 3/29/2011

ANSI/ASTM F2271-2011, Specification for Paintball Marker Barrel Blocking Devices (revision of ANSI/ASTM F2271-2010): 3/29/2011

ANSI/ASTM F2273-2011, Test Methods for Bicycle Forks (revision of ANSI/ASTM F2273-2003): 3/29/2011

ANSI/ASTM F2274-2011, Specification for Condition 3 Bicycle Forks (revision of ANSI/ASTM F2274-2003): 3/29/2011

ANSI/ASTM F2440-2011, Specification for Indoor Wall/Feature Padding (revision of ANSI/ASTM F2440-2005 (R2010)): 3/29/2011

ANSI/ASTM F2509-2012, Specification for Field-Assembled Anodeless Riser Kits for Use on Outside Diameter Controlled Polyethylene Gas Distribution Pipe and Tubing (revision of ANSI/ASTM F2509-2006 (R2012)): 8/21/2012

ANSI/ASTM F2620-2012, Practice for Heat Fusion Joining of Polyethylene Pipe and Fittings (revision of ANSI/ASTM F2620-2011): 8/21/2012

ANSI/ASTM F2773-2011, Practice for Transfilling Compressed Air or Nitrogen and Safe Handling of Small Paintball Cylinders (revision of ANSI/ASTM F2773-2009): 3/29/2011

ANSI/ASTM F2785-2012, Specification for Polyamide 12 Gas Pressure Pipe, Tubing, and Fittings (revision of ANSI/ASTM F2785-2010a): 8/21/2012

Withdrawal

ANSI/ASTM F1639-2005, Test Method for Performance of Combination Ovens (withdrawal of ANSI/ASTM F1639-2005): 8/21/2012

ATIS (Alliance for Telecommunications Industry Solutions)

Withdrawal

ANSI ATIS 0300263-2007, Operations, Administration, Maintenance, and Provisioning (OAM&P) - Models for Interfaces Across Jurisdictional Boundaries to Support Service Level Connection Management (withdrawal of ANSI ATIS 0300263-2007): 9/17/2012

AWWA (American Water Works Association)

Revision

ANSI/AWWA C530-2012, Pilot-Operated Control Valves (revision of ANSI/AWWA C530-2007): 9/17/2012

CSA (CSA Group)

Reaffirmation

- * ANSI Z21.54-2002 (R2012), Standard for Gas Hose Connectors for Portable Outdoor Gas Fired Appliances (reaffirmation of ANSI Z21.54-2002 (R2007), ANSI Z21.54a-2005, and ANSI Z21.54b-2008): 9/13/2012

Revision

- * ANSI Z21.1b-2012, Standard for Household Cooking Gas Appliances (revision of ANSI Z21.1-2005 (R2010); ANSI Z21.1a-2007 (R2010); and ANSI Z21.1b-2008 (R2010)): 9/14/2012

ISA (ISA)

New National Adoption

ANSI/ISA 60079-18 (12.23.01)-2012, Explosive atmospheres - Part 18: Equipment protection by encapsulation "m" (national adoption of IEC 60079-18 with modifications and revision of ANSI/ISA 60079-18 (12.23.01)-2009): 9/14/2012

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

New National Adoption

INCITS/ISO/IEC 14776-372-2012, Information technology - Small Computer System Interface (SCSI) - Part 372: SCSI Enclosure Services - 2 (SES-2) (identical national adoption of ISO/IEC 14776-372:2011): 9/13/2012

INCITS/ISO/IEC 19773-2012, Information technology - Metadata Registries (MDR) modules (identical national adoption of ISO/IEC 19773:2011): 9/13/2012

INCITS/ISO/IEC TR 19075-1-2012, Information technology - Database languages - SQL Technical Reports - Part 1: XQuery Regular Expression Support in SQL (identical national adoption of ISO/IEC TR 19075-1:2011): 9/17/2012

Reaffirmation

ANSI INCITS 358-2002 (R2012), Information technology - BioAPI Specification (reaffirmation of ANSI INCITS 358-2002 (R2007)): 9/17/2012

ANSI INCITS 358-2002/AM 1-2007 (R2012), Information technology - BioAPI Specification (version 1.1) - Amendment 1: Support for Biometric Fusion (reaffirmation of ANSI INCITS 358-2002/AM 1-2007): 9/17/2012

ANSI INCITS 434-2007 (R2012), Information technology - Tenprint capture using BioAPI (reaffirmation of ANSI INCITS 434-2007): 9/17/2012

INCITS/ISO 19134-2007 (R2012), Geographic information - Location Based Services - Multimodal routing and navigation (reaffirmation of INCITS/ISO 19134-2007): 9/14/2012

INCITS/ISO 19111:2007 (R2012), Geographic information - Spatial referencing by coordinates (reaffirmation of INCITS/ISO 19111:2007): 9/14/2012

INCITS/ISO/IEC 19101-2002 (R2012), Geographic information - Reference Model (reaffirmation of INCITS/ISO/IEC 19101-2002 (R2007)): 9/14/2012

INCITS/ISO/IEC 19137-2007 (R2012), Geographic information - Core profile of the spatial schema (reaffirmation of INCITS/ISO/IEC 19137-2007): 9/14/2012

INCITS/ISO/IEC 19784-1-2006 (R2012), Information Technology - BioAPI - Biometric Application Programming Interface - Part 1: BioAPI Specification (reaffirmation of INCITS/ISO/IEC 19784-1-2006): 9/17/2012

INCITS/ISO/IEC 19794-1-2007 (R2012), Information technology - Biometric Data Interchange Formats - Part 1: Framework (reaffirmation of INCITS/ISO/IEC 19794-1-2007): 9/17/2012

INCITS/ISO/IEC 19794-2-2007 (R2012), Information technology - Biometric Data Interchange Formats - Part 2: Finger Minutiae Data (reaffirmation of INCITS/ISO/IEC 19794-2-2007): 9/17/2012

INCITS/ISO/IEC 19794-3-2007 (R2012), Information technology - Biometric Data Interchange Formats - Part 3: Finger Pattern Spectral Data (reaffirmation of INCITS/ISO/IEC 19794-3-2007): 9/17/2012

INCITS/ISO/IEC 19794-4-2007 (R2012), Information technology - Biometric Data Interchange Formats - Part 4: Finger Image Data (reaffirmation of INCITS/ISO/IEC 19794-4-2007): 9/17/2012

INCITS/ISO/IEC 19794-5-2007 (R2012), Information technology - Biometric Data Interchange Formats - Part 5: Face Image Data (reaffirmation of INCITS/ISO/IEC 19794-5-2007): 9/17/2012

INCITS/ISO/IEC 19794-6-2007 (R2012), Information technology - Biometric Data Interchange Formats - Part 6: Iris Image Data (reaffirmation of INCITS/ISO/IEC 19794-6-2007): 9/17/2012

INCITS/ISO/IEC 19794-7-2007 (R2012), Information technology - Biometric Data Interchange Formats - Part 7: Sign/Signature Series Data (reaffirmation of INCITS/ISO/IEC 19794-7-2007): 9/17/2012

INCITS/ISO/IEC 19794-9-2007 (R2012), Information technology - Biometric Data Interchange Formats - Part 9: Vascular Biometric Image Data (reaffirmation of INCITS/ISO/IEC 19794-9-2007): 9/17/2012

INCITS/ISO/IEC 19794-10-2007 (R2012), Information technology - Biometric Data Interchange Formats - Part 10: Hand Geometry Silhouette Data (reaffirmation of INCITS/ISO/IEC 19794-10-2007): 9/17/2012

INCITS/ISO/IEC 19795-1-2007 (R2012), Information technology - Biometric Performance Testing and Reporting - Part 1: Principles and Framework (reaffirmation of INCITS/ISO/IEC 19795-1-2007): 9/17/2012

Stabilized Maintenance

ANSI/INCITS/ISO/IEC 9636-6-1991 (S2012), Information technology - Computer graphics - Interfacing techniques for dialogues with graphical devices (CGI) - Functional specification - Part 6: Raster (stabilized maintenance of INCITS/ISO/IEC 9636-6-1991 (R2007)): 9/17/2012

INCITS/ISO/IEC 9636-4-1991 (S2012), Information technology - Computer graphics - Interfacing techniques for dialogues with graphical devices (CGI) - Functional specification - Part 4: Segments (stabilized maintenance of INCITS/ISO/IEC 9636-4-1991 (R2007)): 9/17/2012

NSF (NSF International)

Revision

- * ANSI/NSF 173-2006 (i15), Dietary Supplements (revision of ANSI/NSF 173-2003): 8/28/2006
- * ANSI/NSF 173-2012 (i43), Dietary Supplements (revision of ANSI/NSF 173-2011): 3/25/2012
- * ANSI/NSF 342-2012 (i2r1), Sustainability Assessment for Wallcovering Products (revision of ANSI/NSF 342-2010): 8/28/2012
- * ANSI/NSF 342-2012 (i2r2), Sustainability Assessment for Wallcovering Products (revision of ANSI/NSF 342-2010): 8/28/2012
- * ANSI/NSF 342-2012 (i3r1), Sustainability Assessment for Wallcovering Products (revision of ANSI/NSF 342-2010): 8/28/2012
- * ANSI/NSF 173 2012 (i37), Dietary Supplements (revision of ANSI/NSF 173-2010): 1/6/2012

RESNA (Rehabilitation Engineering and Assistive Technology Society of North America)

New Standard

- * ANSI/RESNA ASE-2-2012, RESNA Standard for Adaptive Sports Equipment - Volume 2: Adaptive Golf Cars (new standard): 9/17/2012

SCTE (Society of Cable Telecommunications Engineers)

Revision

- ANSI/SCTE 11-2012, Test Method for Aerial Cable Corrosion Protection Flow (revision of ANSI/SCTE 11-2001 (R2006)): 9/13/2012
- ANSI/SCTE 16-2012, Test Procedure for Hum Modulation (revision of ANSI/SCTE 16-2001 (R2007)): 9/13/2012
- ANSI/SCTE 28-2012, HOST-POD Interface Standard (revision of ANSI/SCTE 28-2007): 9/13/2012
- ANSI/SCTE 73-2012, Test Method for Insertion Force of Connector to Drop Cable Interface (revision of ANSI/SCTE 73-2002 (R2007)): 9/17/2012

UL (Underwriters Laboratories, Inc.)

New Standard

- ANSI/UL 710-2012, Standard for Safety for Exhaust Hoods for Commercial Cooking Equipment (new standard): 9/12/2012
- ANSI/UL 710-2012a, Standard for Safety for Exhaust Hoods for Commercial Cooking Equipment (new standard): 9/12/2012

Reaffirmation

ANSI/UL 1897-2004 (R2012), Standard for Safety for Uplift Tests for Roof Covering Systems (reaffirmation of ANSI/UL 1897-2004 (R2008)): 9/14/2012

Revision

- ANSI/UL 73-2012, Motor-Operated Appliances (revision of ANSI/UL 73-2012): 9/18/2012
- ANSI/UL 698A-2012, Standard for Safety for Industrial Control Panels Relating to Hazardous (Classified) Locations (Proposal dated 05-25-12) (revision of ANSI/UL 698A-2008): 9/14/2012
- ANSI/UL 698A-2012a, Standard for Safety for Industrial Control Panels Relating to Hazardous (Classified) Locations (Proposal dated 07-27-12) (revision of ANSI/UL 698A-2008): 9/14/2012
- ANSI/UL 1004-1-2012, Standard for Safety for Rotating Electrical Machines - General Requirements (Proposal dated 6-22-12) (revision of ANSI/UL 1004-1-2011): 9/17/2012
- ANSI/UL 1004-1-2012a, Standard for Safety for Rotating Electrical Machines - General Requirements (Proposal dated 6-22-12) (revision of ANSI/UL 1004-1-2011): 9/17/2012

Project Initiation Notification System (PINS)

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

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

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

ASME (American Society of Mechanical Engineers)

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BSR/ASME A17.4-201x, Guide for Emergency Personnel (revision of ANSI/ASME A17.4-1999 (R2009))

Stakeholders: Manufacturers, equipment owners, and regulatory authorities.

Project Need: To provide an update to the guidelines with regard to changes made from A17.1-2000 through the A17.1-2010 Safety Code for Elevators and Escalators, which were made after the last publication of this standard.

Guide for emergency personnel (fire, police, etc.), building owners, lessees, and building operating managers explaining the proper procedures to be used for the safe removal of passengers from stalled elevators, as well as providing information with regard to elevator firefighters' service procedures.

BSR/ASME B73.2-201x, Specification for Vertical In-Line Centrifugal Pumps for Chemical Process (revision of ANSI/ASME B73.2-2003 (R2008))

Stakeholders: Manufacturers and users of vertical-in-line centrifugal pumps for chemical process.

Project Need: To reflect the state of the art with regard to vertical-in-line centrifugal pumps for chemical process.

This Standard covers motor-driven centrifugal pumps of vertical-shaft, single-stage design with suction and discharge nozzles in line. It includes dimensional interchangeability requirements and certain design features to facilitate installation and maintenance. It is the intent of this Standard that pumps of the same standard dimension designation, from all sources of supply, shall be interchangeable with respect to mounting dimensions and size and location of suction and discharge nozzles.

ECA (Electronic Components Association)

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Herndon, VA 20170

Contact: *Edward Mikoski*

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BSR/EIA 364-01B-2000 (R201x), Acceleration Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-01B-2000 (R2007))

Stakeholders: Electrical, electronics, and telecommunications industry.

Project Need: Reaffirm a standard currently used in industry.

This standard establishes test methods to determine the ability of an electrical connector and sockets to withstand a specified acceleration force without damage detrimental to its specified performance.

BSR/EIA 364-07C-2007 (R201x), Contact Axial Concentricity Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-07C-2007)

Stakeholders: Electrical, electronics, and telecommunications industry.

Project Need: Reaffirm established test method used in industry.

This standard establishes a test method to determine the straightness of contacts by measuring a total indicator reading (TIR) value. Axial concentricity can be measured after crimping to determine axial deformation.

BSR/EIA 364-22B-2000 (R201x), Simulated Life Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-22B-2000 (R2007))

Stakeholders: Electrical, electronics, and telecommunications industry.

Project Need: Reaffirm established test method used in industry.

Establishes test methods to determine the adequacy of a connector or socket to perform its operational function on land (general and heavy duty, aircraft, marine, or underwater for the representative time period of application).

BSR/EIA 364-26B-1999 (R201x), Salt Spray Test Procedure for Electrical Connectors, Contacts and Sockets (reaffirmation of ANSI/EIA 364-26B-1999 (R2006))

Stakeholders: Electrical, electronics, and telecommunications industry.

Project Need: Reaffirm established test method used in industry.

Establishes a test method to access the effects of a controlled salt-laden atmosphere on electrical connector components, finishes, and mechanisms and permits electrical readings to be taken after exposure when specified.

BSR/EIA 364-29C-2006 (R201x), Contact Retention Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-29C-2006)

Stakeholders: Electrical, electronics, and telecommunications industry.

Project Need: Reaffirm established test method used in industry.

Establishes a test method to impose axial forces on the connector contacts to determine the ability of the connector to withstand forces that tend to displace contacts from their proper location within the connector insert and resist contact pullout.

BSR/EIA 364-36B-2006 (R201x), Determination of Gas-Tight Characteristics Test Procedure for Electrical Connectors and/or Contact Systems (reaffirmation of ANSI/EIA 364-36B-2006)

Stakeholders: Electrical, electronics, and telecommunications industry.

Project Need: Reaffirm established test method used in industry.

Procedure to determine integrity of contacting surfaces (at the mating and/or termination areas) by assessment of the gas-tight characteristics of the contacting surfaces.

BSR/EIA 364-39B-1999 (R201x), Hydrostatic Test Procedure for Electrical Connectors, Contacts and Sockets (reaffirmation of ANSI/EIA 364-39B-1999 (R2007))

Stakeholders: Electrical, electronics, and telecommunications industry.

Project Need: Reaffirm established test method used in industry.

Establishes a test method to assess the ability of unmated receptacles and wired mated harnesses to withstand hydrostatic pressures that are encountered in the undersea environment.

BSR/EIA 364-43B-2000 (R201x), Cable Clamping (Bending Moment) Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-43B-2000 (R2007))

Stakeholders: Electrical, electronics, and telecommunications industry.

Project Need: Reaffirm established test method used in industry.

This standard establishes a test method to determine the ability of connectors to withstand stress resulting from loads applied to rear accessory hardware such as might be experienced with cables hanging from plugs mated to wall-mounted receptacles.

BSR/EIA 364-66A-2000 (R201x), EMI Shielding Effectiveness Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-66A-2000 (R2007))

Stakeholders: Electrical, electronics, and telecommunications industry.

Project Need: Reaffirm established test method used in industry.

This standard establishes test methods for the measurement of the EMI shielding effectiveness of electrical connectors over the frequency range of 1.0 GHz to 10.0 GHz using the mode-stirred technique. The procedure applies to both circular and rectangular connectors.

BSR/EIA 364-70B-2007 (R201x), Temperature Rise Versus Current Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA 364-70B-2007)

Stakeholders: Electrical, electronics, and telecommunications industry.

Project Need: Reaffirm established test method used in industry.

This procedure establishes the test procedures for determining temperature rise versus current for connectors and sockets with conductor sizes equal to or less than 0000 AWG or equivalent.

BSR/EIA 364-83-1999 (R201x), Shell-to-Shell and Shell-to-Bulkhead Resistance Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-83-1999 (R2007))

Stakeholders: Electrical, electronics, and telecommunications industry.

Project Need: Reaffirm established test method used in industry.

This standard test procedure applies to mated plugs and receptacles or mated plugs and receptacles mounted to a bulkhead with conductive shells and/or mounting flange. The object of this procedure is to determine the electrical bonding of mated plugs and receptacles or the electrical bonding of mated plug and receptacles mounted to a bulkhead.

BSR/EIA 364-90-2000 (R201x), Crosstalk Ratio Test Procedure for Electrical Connectors, Sockets, Cable Assemblies or Interconnection Systems (reaffirmation of ANSI/EIA 364-90-2000 (R2007))

Stakeholders: Electrical, electronics, and telecommunications industry.

Project Need: Reaffirm established test method used in industry.

This standard describes test methods for measuring the magnitude of the electromagnetic coupling between driven and quiet lines of an interconnect assembly. Both time-domain (method A) and frequency-domain methods (method B), single-ended and differential transmission, and insertion and reference fixture techniques are described.

BSR/EIA 364-101-2000 (R201x), Attenuation Test Procedure for Electrical Connectors, Sockets, Cable Assemblies or Interconnection Systems (reaffirmation of ANSI/EIA 364-101-2000 (R2007))

Stakeholders: Electrical, electronics, and telecommunications industry.

Project Need: Reaffirm established test method used in industry.

This standard describes one time- and two frequency-domain methods to measure attenuation as a function of frequency.

BSR/EIA 364-106-2000 (R201x), Standing Wave Ratio (SWR) Test Procedure for Electrical Connectors (reaffirmation of ANSI/EIA 364-106-2000 (R2007))

Stakeholders: Electrical, electronics, and telecommunications industry.

Project Need: Reaffirm established test method used in industry.

This standard establishes test methods to evaluate existing standing wave ratio (SWR) of connectors, coaxial, radio frequency (RF). Measured SWR shall not exceed that specified over the frequency range specified.

BSR/EIA 364-107-2000 (R201x), Eye Pattern and Jitter Test Procedure for Electrical Connectors, Sockets, Cable Assemblies or Interconnection Systems (reaffirmation of ANSI/EIA 364-107-2000 (R2007))

Stakeholders: Electrical, electronics, and telecommunications industry.

Project Need: Reaffirm established test method used in industry.

This standard describes methods for measuring an eye pattern response and jitter in the time domain.

BSR/EIA 364-108-2000 (R201x), Impedance, Reflection Coefficient, Return Loss, and VSWR Measured in Time and Frequency Domain Test Procedure for Electrical Connectors, Cable Assemblies or Interconnection Systems (reaffirmation of ANSI/EIA 364-108-2000 (R2007))

Stakeholders: Electrical, electronics, and telecommunications industry.

Project Need: Reaffirm established test method used in industry.

This standard describes test methods to measure impedance, reflection coefficient, return loss, and voltage standing wave ratio (VSWR) in the time and frequency domains.

BSR/EIA/CEA 364-59A-2006 (R201x), Low Temperature Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA/CEA 364-59A-2006)

Stakeholders: Electrical, electronics, and telecommunications industry.

Project Need: Reaffirm established test method used in industry.

Establishes a test method for exposing electrical connectors and sockets to low temperature for a specified duration.

BSR/EIA/ECA 364-18B-2007 (R201x), Visual and Dimensional Inspection Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA/ECA 364-18B-2007)

Stakeholders: Electrical, electronics, and telecommunications industry.

Project Need: Reaffirm existing industry standard.

This standard establishes guidelines for visual and dimensional inspection of electrical connectors and sockets prior to, during, and after other test procedures.

BSR/EIA/ECA 364-110-2006 (R201x), Thermal Cycling Test Procedure for Electrical Connectors and Sockets (reaffirmation of ANSI/EIA/ECA 364-110-2006)

Stakeholders: Electrical, electronics, and telecommunications industry.

Project Need: Reaffirm established test method used in industry.

Establishes a test method to expose connectors and sockets to extremes of high and low temperatures at a specified ramp-up and ramp-down rate.

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

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INCITS/ISO/IEC 14496-10-2012, Information technology - Coding of audio-visual objects - Part 10: Advanced Video Coding (identical national adoption of ISO/IEC 14496-10:2012 and revision of INCITS/ISO/IEC 14496-10-2009)

Stakeholders: ICT Industry.

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

This part of ISO/IEC 14496 specifies advanced video coding for coding of audio-visual objects.

NEMA (National Electrical Manufacturers Association)

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BSR/NEMA MW 1000-201x, Magnet Wire (revision and redesignation of ANSI/NEMA MW 1000-2011)

Stakeholders: Magnet wire end users (motor and transformer industries); testing laboratories.

Project Need: To add new magnet wire specification sheets, to add new methodologies for determining fine wire dimensions and for dielectric breakdown using shot electrodes.

This publication presents all existing NEMA standards for round, rectangular, and square film insulated and/or fibrous-covered copper and aluminum magnet wire for use in electrical apparatus. Included are the definitions, type designations, dimensions, constructions, performance, and test methods for magnet wire generally used in the winding of coils for electrical apparatus.

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

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BSR/CGATS 21-1-201x, Graphic technology - Printing from digital data across multiple technologies - Part 1: Principles (new standard)

Stakeholders: Color characterization data equipment and software manufacturers and the users of this equipment.

Project Need: This standard will define the principles associated with the use of color characterization data to define printing.

This part of CGATS 21 establishes principles for the use of color characterization data as the definition of the intended relationship between input data and printed color for copy preparation, job assembly, proofing, and graphic arts production printing. Additional parts of CGATS 21 specify a limited number of characterized reference printing conditions that span the expected range of color gamuts used for the production of printed material from digital data, regardless of printing process used. The procedure to be used to adjust color characterization data for the normally expected range of substrate color is specified.

BSR/CGATS 21-2-201x, Graphic technology - Printing from digital data across multiple technologies - Part 2: Reference characterization data-2012 (new standard)

Stakeholders: Color characterization data equipment and software manufacturers and the users of this equipment.

Project Need: This standard specifies a family of characterized reference printing conditions used in support of CGATS 21-1.

This part of CGATS.21 specifies a limited number of characterized reference printing conditions that span the expected range of color gamuts used for the production of printed material from digital data, regardless of printing process used.

RESNA (Rehabilitation Engineering and Assistive Technology Society of North America)

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- * BSR/RESNA WC-1-201x, RESNA Standard for Wheelchairs - Volume 1: Requirements and Test Methods for Wheelchairs (including Scooters) (national adoption of ISO 7176 with modifications and revision of ANSI/RESNA WC-1-2009a)

Stakeholders: Wheelchair users, caregivers/organizations representing persons with mobility impairments, Assistive Technology Practitioners, the Food and Drug Administration that manages wheelchairs as medical devices, the Centers for Medicare & Medicaid Services and Pricing, Data Analysis and Coding who establish coding guidelines and policy for the provision of mobility technologies, wheelchair/scooter/mobility device manufacturers, suppliers, researchers, designers, and test labs.

Project Need: The existing RESNA WC-1 standard needs to be revised to remain current with existing wheelchair technologies and to provide more comparable results between test laboratories.

This standard applies to manual and powered wheelchairs, including scooters, and accessories for wheelchairs and scooters. It specifies test methods or methods of measurement for:

- static stability;
- wheelchair and seat dimensions;
- static, impact and fatigue strength testing;
- flammability requirements;
- vocabulary;
- test dummy specifications;
- set-up procedures; and
- disclosure requirements for testing.

- * BSR/RESNA WC-2-201x, RESNA Standard for Wheelchairs - Volume 2: Additional Requirements for Wheelchairs (including Scooters) with Electrical Systems (national adoption of ISO 7176 with modifications and revision of ANSI/RESNA WC-2-2009a)

Stakeholders: Wheelchair users, caregivers/organizations representing persons with mobility impairments, Assistive Technology Practitioners, the Food and Drug Administration that manages wheelchairs as medical devices, the Centers for Medicare & Medicaid Services and Pricing, Data Analysis and Coding who establish coding guidelines and policy for the provision of mobility technologies, wheelchair/scooter/mobility device manufacturers, suppliers, researchers, designers, and test labs.

Project Need: The existing RESNA WC-2 standard needs to be revised to remain current with existing wheelchair technologies and to provide more comparable results between test laboratories.

This standard applies to manual and powered wheelchairs, including scooters, and accessories for wheelchairs and scooters. It specifies test methods for measurement of:

- dynamic stability;
- brake effectiveness;
- energy consumption;
- maximum speed, acceleration and deceleration;
- obstacle-climbing ability;
- climatic testing;
- power and control system testing;
- batteries and chargers; and
- electromagnetic compatibility requirements.

UAMA (ASC B7) (Unified Abrasives Manufacturers' Association)

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- * BSR B7.1-201x, Safety Requirements for the Use, Care and Protection of Abrasive Wheels (revision of ANSI B7.1-2010)

Stakeholders: Manufacturers, consumers, governments, specialists, insurance.

Project Need: Revision to address changes since last revision and machine (B11) materials.

Safety standard that sets forth requirements for the safe use, care, and protection of abrasives wheels and the machines for which they are designed.

American National Standards Maintained Under Continuous Maintenance

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

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

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

- AAMI (Association for the Advancement of Medical Instrumentation)
- AAMVA (American Association of Motor Vehicle Administrators)
- AGA (American Gas Association)
- AGRSS, Inc. (Automotive Glass Replacement Safety Standards Committee, Inc.)
- ASC X9 (Accredited Standards Committee X9, Incorporated)
- ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers, Inc.)
- ASME (American Society of Mechanical Engineers)
- ASTM (ASTM International)
- GEIA (Greenguard Environmental Institute)
- HL7 (Health Level Seven)
- MHI (ASC MH10) (Material Handling Industry)
- NAHBRC (NAHB Research Center, Inc.)
- NBBPVI (National Board of Boiler and Pressure Vessel Inspectors)
- NCPDP (National Council for Prescription Drug Programs)
- NISO (National Information Standards Organization)
- NSF (NSF International)
- TIA (Telecommunications Industry Association)
- UL (Underwriters Laboratories, Inc.)

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

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) 253-8274 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>IEEE Institute of Electrical and Electronics Engineers 445 Hoes Lane, PO Box 1331 Piscataway, NJ 08855 Phone: (732) 275-7362 Web: www.ieee.org</p>	<p>NSF NSF International P.O. Box 130140 789 N. Dixboro Road Ann Arbor, MI 48113-0140 Phone: (734) 769-5139 Fax: (734) 827-6162 Web: www.nsf.org</p>
<p>AGMA American Gear Manufacturers Association 1001 N Fairfax Street, 5th Floor Alexandria, VA 22314 Phone: (703) 684-0211 Fax: (703) 684-0242 Web: www.agma.org</p>	<p>ASTM ASTM International 100 Barr Harbor Drive West Conshohocken, PA 19428-2959 Phone: (610) 832-9743 Fax: (610) 834-3655 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>RESNA Rehabilitation Engineering and Assistive Technology Society of North America PO Box 69 Minden, NV 89423 Phone: (775) 783-8822 ext. 121 Fax: (775) 783-8823 Web: www.resna.org</p>
<p>ANS American Nuclear Society 555 North Kensington Avenue La Grange Park, IL 60526-5592 Phone: (708) 579-8269 Fax: (708) 579-8248 Web: www.ans.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>ITI (INCITS) InterNational Committee for Information Technology Standards 1101 K Street NW, Suite 610 Washington, DC 20005 Phone: (202) 626-5743 Fax: (202) 638-4922 Web: www.incits.org</p>	<p>SCTE Society of Cable Telecommunications Engineers 140 Philips Rd. Exton, PA 19341 Phone: (610) 594-7308 Fax: (610) 363-7133 Web: www.scte.org</p>
<p>API American Petroleum Institute 1220 L Street NW Washington, DC 20005 Phone: 202-682-8507 Web: www.api.org</p>	<p>AWS American Welding Society 550 N.W. LeJeune Road Miami, FL 33126 Phone: (305) 443-9353 Fax: (305) 443-5951 Web: www.aws.org</p>	<p>NEMA (ASC C29) National Electrical Manufacturers Association 1300 North 17th Street, Suite 1752 Rosslyn, VA 22209 Phone: 703-841-3297 Fax: 703-841-3397 Web: www.nema.org</p>	<p>SDI (ASC A250) Steel Door Institute 30200 Detroit Road Cleveland, Ohio 44135 Phone: (440) 899-0010 Fax: (440) 892-1404 Web: www.wherryassoc.com/steeldoor.org</p>
<p>ASA (ASC S12) Acoustical Society of America 35 Pinelawn Road, Suite 114E Suite 114E Melville, NY 11747 Phone: (631) 390-0215 Fax: (631) 390-0217 Web: acousticalsociety.org</p>	<p>AWWA American Water Works Association 6666 W. Quincy Ave. Denver, CO 80235 Phone: (303) 347-6178 Fax: (303) 795-6303 Web: www.awwa.org</p>	<p>NEMA (Canvass) National Electrical Manufacturers Association 1300 N 17th St Suite 1752 Rosslyn, VA 22209 Phone: (703) 841 3290 Fax: (703) 841 3390 Web: www.nema.org</p>	<p>TCNA (ASC A108) Tile Council of North America 100 Clemson Research Blvd. Anderson, SC 29625 Phone: (864) 646-8453 ext.108 Fax: (864) 646-2821 Web: www.tileusa.com</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>CSA CSA Group 8501 East Pleasant Valley Rd. Cleveland, OH 44131 Phone: (216) 524-4990 Fax: (216) 520-8979 Web: www.csa-america.org</p>	<p>NFPA National Fire Protection Association One Batterymarch Park Quincy, MA 02169-7471 Phone: (617) 770-3000 Fax: (617) 770-3500 Web: www.nfpa.org</p>	<p>UAMA (ASC B7) Unified Abrasives Manufacturers' Association 30200 Detroit Road Cleveland, OH 44145-1967 Phone: (440) 899-0010 Fax: (440) 892-1404 Web: www.uama.org</p>
<p>ASME American Society of Mechanical Engineers 3 Park Avenue, 20th Floor (20N2) New York, NY 10016 Phone: (212) 591-8521 Fax: (212) 591-8501 Web: www.asme.org</p>	<p>ECA Electronic Components Association 2214 Rock Hill Rd, Suite 170 Herndon, VA 20170 Phone: (571) 323-0253 Fax: (571) 323-0245 Web: www.eciaonline.org</p>	<p>NPES (ASC CGATS) NPES 1899 Preston White Drive Reston, VA 20191 Phone: (703) 264-7200 Fax: (703) 620-0994 Web: www.npes.org</p>	<p>UL Underwriters Laboratories, Inc. 1285 Walt Whitman Road Melville, NY 11747 Phone: (631) 546-2593 Fax: (631) 546-2593 Web: www.ul.com/</p>



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.

AIRCRAFT AND SPACE VEHICLES (TC 20)

- ISO/DIS 18201, Space data and information transfer systems - Missions operations reference model - 12/5/2012
- ISO/DIS 18202, Space data and information transfer systems - Mission operations message abstraction layer - 12/5/2012
- ISO/DIS 18423, Space data and information transfer systems - Pseudo-Noise (PN) Ranging Systems - 12/14/2012
- ISO/DIS 18424, Space data and information transfer systems - XML Telemetric and Command Exchange (XTCE) - 12/14/2012
- ISO/DIS 18425, Spacecraft Onboard Interface Services - Subnetwork Packet Service - 12/14/2012
- ISO/DIS 18426, Spacecraft Onboard Interface Services - Subnetwork Memory Access Service - 12/14/2012
- ISO/DIS 18427, Spacecraft Onboard Interface Services - Subnetwork Synchronization Service - 12/14/2012
- ISO/DIS 18428, Spacecraft Onboard Interface Services - Subnetwork Device Discovery Service - 12/14/2012
- ISO/DIS 18438, Spacecraft Onboard Interface Services - Subnetwork Test Service - 12/14/2012
- ISO/DIS 18439, Space Communication Cross Support - Service Management - Service Specification - 12/14/2012
- ISO/DIS 18440, Space Link Extension - Internet Protocol for Transfer Services - 12/14/2012
- ISO/DIS 18441, Space Link Extension - Application Program Interface for Transfer Services - Core Specification - 12/14/2012
- ISO/DIS 18442, Space Link Extension - Application Program Interface for Return All Frames Service - 12/14/2012
- ISO/DIS 18443, Space Link Extension - Application Program Interface for Return Channel Frames Service - 12/14/2012
- ISO/DIS 18444, Space Link Extension - Application Program Interface for Return Operational Control Fields Service - 12/14/2012
- ISO/DIS 18445, Space Link Extension - Application Program Interface for the Forward CLTU Service - 12/14/2012
- ISO/DIS 18446, Space Link Extension - Application Program Interface for the Forward Space Packet Service - 12/14/2012

ANAESTHETIC AND RESPIRATORY EQUIPMENT (TC 121)

- IEC 60601-1-10/DAmD1, Medical electrical equipment -- Part 1-10: General requirements for basic safety and essential performance -- Collateral standard: Requirements for the development of physiologic closed-loop controllers - Draft Amendment 1, \$146.00

APPLICATIONS OF STATISTICAL METHODS (TC 69)

- ISO/DIS 16269-6, Statistical interpretation of data - Part 6: Determination of statistical tolerance intervals - 12/13/2012, \$112.00

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

- ISO/DIS 14638, Geometrical product specifications (GPS) - Masterplan - 12/18/2012, \$62.00

FINE CERAMICS (TC 206)

- ISO/DIS 14604, Fine ceramics (advanced ceramics, advanced technical ceramics) - Methods of test for ceramic coatings - Determination of fracture strain - 9/13/2012, \$58.00

GAS TURBINES (TC 192)

- ISO/DIS 19859, Gas turbine applications - Requirements for power generation - 12/21/2012, \$185.00

NUCLEAR ENERGY (TC 85)

- ISO/DIS 15646, Nuclear fuel technology - Resintering test for UO₂, (U, Gd)O₂ and (U,Pu)O₂ pellets - 11/11/2003, \$40.00

PULLEYS AND BELTS (INCLUDING VEEBELTS) (TC 41)

- ISO/DIS 17396, Synchronous belt drives - Metric pitch - Tooth profiles T and AT endless and open ended belts and pulleys - 12/16/2012, \$77.00

QUALITY MANAGEMENT AND CORRESPONDING GENERAL ASPECTS FOR MEDICAL DEVICES (TC 210)

- IEC 62366/DAmD1, Medical devices -- Application of usability engineering to medical devices - Draft Amendment 1, \$194.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO/DIS 16556, Large Yachts - Deck equipment - Anchoring equipments - 12/22/2012, \$46.00

TECHNICAL DRAWINGS, PRODUCT DEFINITION AND RELATED DOCUMENTATION (TC 10)

ISO/DIS 11540, Writing and marking instruments - 12/16/2012, \$46.00

ISO/IEC JTC 1, Information Technology

ISO/IEC DIS 24752-1, Information technology - User interfaces - Universal remote console - Part 1: Framework - 12/14/2012, \$112.00

ISO/IEC DIS 24752-2, Information technology - User interfaces - Universal remote console - Part 2: User interface socket description - 12/14/2012, \$119.00

ISO/IEC DIS 24752-4, Information technology - User interfaces - Universal remote console - Part 4: Target description - 12/14/2012, \$77.00

ISO/IEC DIS 24752-5, Information technology - User interfaces - Universal remote console - Part 5: Resource description - 12/14/2012, \$98.00

ISO/IEC DIS 24752-6, Information technology - User interfaces - Universal remote console - Part 6: Web service integration - 12/14/2012, \$146.00



Newly Published ISO Standards

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

ISO/IEC JTC 1 Technical Reports

ISO/IEC TR 15938-11/Amd1:2012, Information technology - Multimedia content description Interface - Part 11: MPEG-7 profile schemas - Amendment 1: Audiovisual description profile (AVDP) schema, \$220.00

AIRCRAFT AND SPACE VEHICLES (TC 20)

ISO 8816/Amd1:2012, Aircraft - Solid-state remote power controllers - General requirements - Amendment 1, \$16.00

ISO 11227:2012, Space systems - Test procedure to evaluate spacecraft material ejecta upon hypervelocity impact, \$104.00

APPLICATIONS OF STATISTICAL METHODS (TC 69)

ISO 22514-7:2012, Statistical methods in process management - Capability and performance - Part 7: Capability of measurement processes, \$149.00

DENTISTRY (TC 106)

ISO 14457:2012, Dentistry - Handpieces and motors, \$104.00

ISO 21672-2:2012, Dentistry - Periodontal probes - Part 2: Designation, \$43.00

FASTENERS (TC 2)

ISO 16047/Amd1:2012, Fasteners - Torque/clamp force testing - Amendment 1, \$16.00

FIRE SAFETY (TC 92)

ISO 13571:2012, Life-threatening components of fire - Guidelines for the estimation of time to compromised tenability in fires, \$104.00

HEALTH INFORMATICS (TC 215)

ISO 1828:2012, Health informatics - Categorial structure for terminological systems of surgical procedures, \$86.00

INDUSTRIAL TRUCKS (TC 110)

ISO 13564-1:2012, Powered industrial trucks - Test methods for verification of visibility - Part 1: Sit-on and stand-on operator trucks and variable-reach trucks up to and including 10 t capacity, \$104.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

ISO 16602/Amd1:2012, Protective clothing for protection against chemicals - Classification, labelling and performance requirements - Amendment 1, \$16.00

QUALITY MANAGEMENT AND QUALITY ASSURANCE (TC 176)

ISO 10004:2012, Quality management - Customer satisfaction - Guidelines for monitoring and measuring, \$122.00

ROAD VEHICLES (TC 22)

ISO 4129:2012, Road vehicles - Mopeds - Symbols for controls, indicators and tell-tales, \$73.00

ISO 6727:2012, Road vehicles - Motorcycles - Symbols for controls, indicators and tell-tales, \$73.00

ISO 13063:2012, Electrically propelled mopeds and motorcycles - Safety specifications, \$104.00

ISO 13064-1:2012, Battery-electric mopeds and motorcycles - Performance - Part 1: Reference energy consumption and range, \$80.00

ISO 13064-2:2012, Battery-electric mopeds and motorcycles - Performance - Part 2: Road operating characteristics, \$73.00

RUBBER AND RUBBER PRODUCTS (TC 45)

ISO 7270-2:2012, Rubber - Analysis by pyrolytic gas-chromatographic methods - Part 2: Determination of styrene/butadiene/isoprene ratio, \$73.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

ISO 11209:2012, Ships and marine technology - Large yachts - Deck crane and access gangways strength requirements, \$80.00

TRACTORS AND MACHINERY FOR AGRICULTURE AND FORESTRY (TC 23)

ISO 12188-2:2012, Tractors and machinery for agriculture and forestry - Test procedures for positioning and guidance systems in agriculture - Part 2: Testing of satellite-based auto-guidance systems during straight and level travel, \$49.00

ISO Technical Reports

AIR QUALITY (TC 146)

ISO/TR 17737:2012, Workplace atmospheres - Guidelines for selecting analytical methods for sampling and analysing isocyanates in air, \$65.00

FIRE SAFETY (TC 92)

ISO/TR 16732-2:2012, Fire Safety Engineering - Fire risk assessment - Part 2: Example of an office building, \$86.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/TR 25100:2012, Intelligent transport systems - Systems architecture - Harmonization of ITS data concepts, \$129.00

ISO Technical Specifications

ROAD VEHICLES (TC 22)

ISO/TS 19072-4:2012, Road vehicles - Connection interface for pyrotechnic devices, two-way and three-way connections - Part 4: Pyrotechnic device and harness connector assembly - type 2, \$57.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 9594-2/Cor2:2012, Information technology - Open Systems Interconnection - The Directory: Models - Corrigendum 2, FREE

ISO/IEC 9594-3/Cor2:2012, Information technology - Open Systems Interconnection - The Directory: Abstract service definition - Corrigendum 2, FREE

ISO/IEC 9594-5/Cor2:2012, Information technology - Open Systems Interconnection - The Directory: Protocol specifications - Corrigendum 2, FREE

ISO/IEC 9594-6/Cor2:2012, Information technology - Open Systems Interconnection - The Directory: Selected attribute types - Corrigendum 2, FREE

ISO/IEC 9594-7/Cor1:2012, Information technology - Open Systems Interconnection - The Directory: Selected object classes - Corrigendum 1, FREE

ISO/IEC 9594-8/Cor2:2012, Information technology - Open Systems Interconnection - The Directory: Public-key and attribute certificate frameworks - Corrigendum 2, FREE

ISO/IEC 14443-3/Amd2:2012, Identification cards - Contactless integrated circuit cards - Proximity cards - Part 3: Initialization and anticollision - Amendment 2: Bit rates of fc/8, fc/4 and fc/2, frame size from 512 bytes to 4 096 bytes and minimum TR0, \$16.00

ISO/IEC 23000-6:2012, Information technology - Multimedia application format (MPEG-A) - Part 6: Professional archival application format, \$220.00

ISO/IEC/IEEE 31320-1:2012, Information technology - Modeling Languages - Part 1: Syntax and Semantics for IDEF0, \$206.00

ISO/IEC/IEEE 31320-2:2012, Information technology - Modeling Languages - Part 2: Syntax and Semantics for IDEF1X97 (IDEFobject), \$235.00

OTHER

ISO/IEC 17065:2012, Conformity assessment - Requirements for bodies certifying products, processes and services, \$116.00

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 for information technology developers, producers and users for the creation and maintenance of formal de jure IT standards. INCITS' mission is to promote the effective use of Information and Communication Technology through standardization in a way that balances the interests of all stakeholders and increases the global competitiveness of the member organizations.

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

The INCITS Executive Board seeks to broaden its membership base and is recruiting new participants in the following membership categories:

- special interest (user, academic, consortia)
- non-business (government and major/minor SDOs)

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

PINS Correction

BSR N14.5-201x

The July 20, 2012 PINS announcement for BSR N14.5-201x, Leakage Tests on Packages for Shipment (new standard) was incorrectly assigned to the American Nuclear Society. It should have been listed under INMM (ASC N14) - Institute of Nuclear Materials Management. For inquiries, contact Ronald Natali, (435) 258-3730, N14Secretary@yahoo.com.

ANSI Accredited Standards Developers

Approvals of Reaccreditations

National Fire Protection Association (NFPA)

ANSI's Executive Standards Council has approved the reaccreditation of the National Fire Protection Association (NFPA), an ANSI Organizational Member, under its recently revised NFPA Regulations Governing Committee Projects (Regs) (Annual 2013 and all preceding revision cycles) and its Regulations Governing the Development of NFPA Standards (Regs) (Fall 2013 and all subsequent revision cycles) for documenting consensus on NFPA-sponsored American National Standards, effective September 19, 2012. For additional information, please contact: Ms. Amy Beasley Cronin, Secretary, Standards Council, National Fire Protection Association, One Batterymarch Park, Quincy, MA 02169-7471; phone: 617.770.3000; e-mail: acronin@nfpa.org.

TechAmerica

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of TechAmerica, an ANSI Organizational Member, has been approved under its recently revised operating procedures for documenting consensus on TechAmerica-sponsored American National Standards, effective September 18, 2012. For additional information, please contact: Mr. Chris Denham, Vice-President, Standards & Technology, TechAmerica, 601 Pennsylvania Avenue, NW, North Building, Suite 600, Washington, DC 20004; phone: 703.284.5326; e-mail: cdenham@TechAmerica.org.

ANSI Accreditation Program for Greenhouse Gas Verification/Validation Bodies

Scope Extension

First Environment, Inc.

Comment Deadline: October 22, 2012

In accordance with the following ISO standards:

ISO 14065:2007, Greenhouse gases – Requirements for greenhouse gas validation and verification bodies for use in accreditation or other forms of recognition

First Environment, Inc.
91 Fulton Street
Boonton, NJ 07005

On September 13, 2012, the ANSI Greenhouse Gas Validation/Verification Accreditation Committee voted to approve a Scope Extension for First Environment, Inc. for the following:

Validation of assertions related to GHG emission reductions & removals at the project level

02. GHG emission reductions from industrial processes (non-combustion, chemical reaction, fugitive and other)

Please send your comments by October 22, 2012 to Ann Bowles, Director, Environmental Accreditation Programs, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: abowles@ansi.org.

Meeting Notices

ANSI-Accredited U.S. TAG to ISO/TC 229 – Nanotechnologies

The ANSI-Accredited U.S. TAG to ISO/TC 229 Nanotechnologies will meet on October 31 – November 1, 2012, at the Offices of Sidley Austin in Washington, DC. For additional information or to join the U.S. TAG, please contact Heather Benko (hbenko@ansi.org) at ANSI.

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Sustainability assessment for carpet

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6.3.4 Minimization of indoor carcinogenic VOC emissions

A manufacturer may earn one point for meeting this requirement. Carcinogenic or reproductive toxicant VOCs shall not emit from products at levels above the detection limit in ~~Safe Exposure Levels (SELs) as described in section 8.2 of California Department of Public Health Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1, February 2010 (also known as Specification 01350) CA/DHS/EHLB/R-174.~~ CRI Green Label Plus VOC testing data may be used to perform the calculations for meeting this requirement pursuant to Standard Practice 174 including in 6.3.2 cited above.

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Sustainability Assessment for Carpet

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8 Bio-based content, recycled content, and environmentally preferable (EPP) materials (MATLS)

8.1 Scope

This section documents use of bio-based content, recycled content and other environmentally preferable materials. To be awarded points, progressively higher levels of these materials are required. A material can only be awarded points in one of the following categories: 8.43.1, 8.43.2, 8.43.3.

Reason: renumbering will occur in final publication for consistency.

8.24.4 Measurement

Determination and allocation of bio-based content, recycled content, and EPP materials shall be an annual average determined from documented plant operations and purchases of the ratio of bio-based, recycled, or EPP content to the total annual mass of carpet produced. This applies only to products that are to be assessed regarding the level of bio-based, recycled, or EPP content.

The bio-based, recycled, and EPP content shall be determined for all products in the product platform. ~~Coal fly ash used as a filler or binding agent qualifies as post-industrial/pre-consumer content only, as do other post-industrial/pre-consumer fillers and binders.~~ The determination of post-industrial/pre-consumer or post-consumer content shall comply with an existing recognized national or international standard definition.

Recycled materials are measured by the percent of post-industrial/pre-consumer or post-consumer materials (see section 3, definitions) by weight. Bio-based and EPP content are measured in the same manner. This percentage is calculated by dividing the weight of the bio-based, recycled, or EPP content by the total weight of the finished product functional unit (e.g., one square yard for carpet) and multiplying by 100, as in the following formula.

$$[(\text{bio-based, recycled, and/or EPP content weight}) / (\text{total product weight})] \times 100$$

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-
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Reason: The above removes any direct reference to a type of post-industrial or pre-consumer type material. All subsequent sub-sections in 8 will be re-numbered.



**Compendium of Changes
for the
Proposed REVISION of ANSI/SDI A250.8 - Recommended Specifications for
Standard Steel Doors and Frames**

Substantive:

2.1.1.4 Replaced reference to ASTM A591 (withdrawn by ANSI) with ASTM A653-2011 *Standard Specification for Steel Sheet, Zinc-Coated (Galvanized) or Zinc-Iron Alloy-Coated (Galvannealed) by the Hot-Dip Process*

2.4.1.2 Added "A butted wall frame with existing anchors may also be installed in existing drywall wall construction. This frame type is available with welded corners."

3.1.5. In first sentence - eliminated 6' 8" (2032 mm), 7' 0" (2134 mm); added "up to and including 7' 6" high"; eliminated "to 8'0" (2438 mm).

Editorial:

1. Removed 'Recommended' from document title
2. Removed reference to SDI 106
3. Updated titles and dates of reference documents
4. Replaced reference of A115 Standards with ANSI/BHMA A156.115– Hardware Preparations in Steel Doors and Frames
5. Added reference standard ASTM A879 – 06
6. Removed reference to A115 IG
7. Added multiple editorial comments for purpose of expanded clarity

BSR/UL 489, Standard for Safety for Molded-Case Circuit Breakers, Molded-Case Switches, and Circuit-Breaker Enclosures

1. Revision to Spacing Requirements for Clamp Joints

7.18 Joints with insulators

7.18.1 With respect to 6.1.6.1.13, a clamped joint between two insulators shall be tested using two samples.

a) The first sample shall have the clamped joint opened up to produce a space 1/8 inch (3.2 mm) wide. This may be accomplished by loosening the clamping means or by drilling a 1/8 inch diameter hole at the joint between the insulators at a point of minimum spacing between the metal parts on the opposite sides of the joint. The drilled hole shall not decrease spacings between the opposite polarity parts as measured through the crack between the insulators. The 60 hertz dielectric breakdown voltage through this hole shall then be determined by applying a gradually increasing 60 hertz voltage (500 volts per second) to 5000 volts rms or until breakdown occurs.

b) If breakdown occurs on the first sample, the second sample with the clamped joint intact shall be subjected to a gradually increasing 60 hertz voltage to 5000 volts rms and held for 1 second. The clamped joint is acceptable if there is no dielectric breakdown of the second sample.

4. Revision to Handle Tie Requirements in Response to 2008 Revisions to the NEC Section 210.4 (B)

6.1.5.3A In Mexico and the United States, circuit breakers of ratings other than those mentioned in 6.1.5.3 may have provisions for handle ties. Handle ties, when installed, shall comply with 6.1.5.3, except the handle tie shall operate all circuit breakers when any handle is manually operated.

In Canada, this requirement does not apply.

5. Revision of Requirements to Allow Manual Operations During Test Sequence

7.1.1.3A If after any overcurrent operation where the automatic operation of the circuit breaker occurs but the contacts do not initially reclose, the following procedure is acceptable to establish continuity of the test sample:

a) The circuit breaker may be operated up to 10 cycles of operation ~~or until~~ to establish continuity is established. Once continuity is established on all poles, no other manual operations shall be conducted other than that required to complete the test sequence.

b) The first cycle of operation is counted from when the breaker mechanism can be reset to the "off" position. Each operation to the "on" and "off" position shall constitute one cycle.

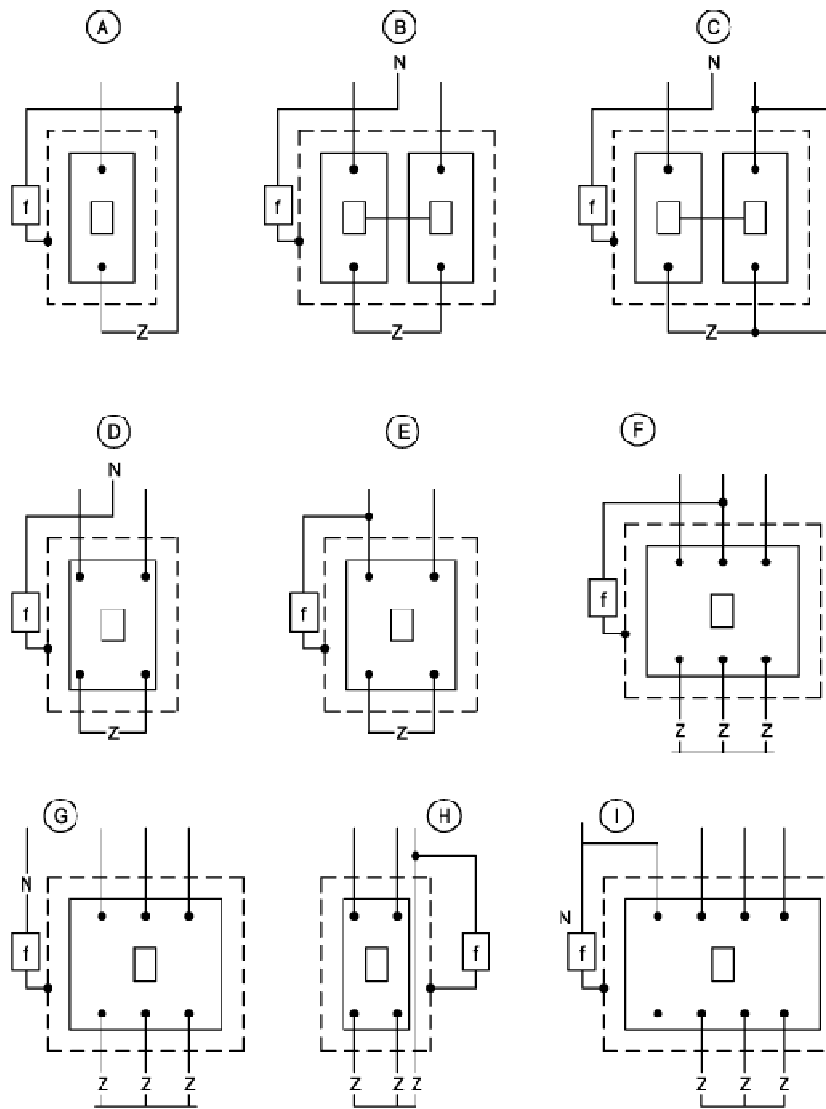
c) The manual operation of the mechanism may be applied to the handle or other operating mechanism used during the test such as a motor operator, or other exterior handle operator.

No other physical movement, contact, or other conditioning of the breaker shall be permitted, other than that required to complete the test sequence.

13. Addition of 4-Pole Endurance and Interruption Test Connection Diagrams

Figure 7.1.3.1

Overload test connection diagrams



au1347

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mission from UL.

A - 1-Pole

B, C - 1-Pole "Tested in Pairs" (also represents 2-Pole independent-trip type circuit breaker)

D - 2-Pole Common-Trip "slant" (120/240, 125/250 V) Rating

E - 2-Pole Common-Trip Rating other than D

F - 3-Pole

G - 3-Pole 208Y/120 V, 480Y/277 V or 600Y/347 V Rating

H - 2-Pole Common-Trip for 3-Phase Rating

I - 4-Pole 208Y/120 V, 480Y/277 V or 600Y/347 V Rating

N - Neutral

Z - Load Impedance

f - 30 A "ground" Fuse - Enclosure

Table 7.1.7.1

Interrupting test operations^a

Poles	Frame rating	Circuit breaker AC voltage rating	Letters indicate diagram in Figure 7.1.7.1						Total number of operations
			Operations on each pole			Common operations			
			O	CO	O	O	CO	O	
1	All	120, 127, 208, 240, 277, 347, 480, or 600	A	A	A	-	-	-	3
1	All	120/240 (tested in pairs)	-	-	-	B	B	B	3
2	All	240, 480, or 600	E	E	-	D	-	-	5
2	All	120/240	-	-	-	C	C	C	3
2	0 - 1200 A	208Y/120, 480Y/277, or 600Y/347	L	L	-	C	-	-	5
2	All	1Ø - 3Ø	E	E	-	H	-	-	5
3	0 - 1200 A	240, 480, 600	G	G	-	F	-	-	7

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3	1200 - Up	240, 480, 600	G	G	-	F	-	-	7
3	All	120/240	-	-	-	J	J	J	3
3	0-1200-A All	208Y/120, 480Y/277, 600Y/347	K	K	-	I	-	-	7
3 4	1201-1200 Up All	208Y/120, 480Y/277, 600Y/347	K	K	-	I M	-	-	7

^a For the 125/250 V dc rating, the number of operations is the same as for the 120/240 V ac rating. For the 250 V dc rating, the number of operations is the same as for the 240 V ac rating.

16. Addition of Special Purpose Marking

2.78A SPECIAL PURPOSE NOT FOR GENERAL USE CIRCUIT BREAKER - a circuit breaker having special features limiting their suitability to specific applications.

6.19 Special purpose not for general use circuit breakers

6.19.1 Special purpose not for general use circuit breakers shall comply with the construction requirements in All Types, Section 6.1, except the type or construction of the terminals are such the circuit breaker can only be used in specific equipment applications and is not suitable for general installation in accordance with Annex B, Ref. No. 1.

7.20 Special purpose not for general use circuit breakers

7.20.1 A special purpose not for general use circuit breaker shall comply with the requirements of Tables 7.1.1.1 and 7.1.1.2.

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BSR/UL 514A, Standard for Safety for Metallic Outlet Boxes**1. Addition of knockout requirements for 1-1/2 and 2 trade size knockouts to Table 6 and Figure 15.**

12.7.1 With reference to Clause 9.2.3.1, compliance of the flat surface that surrounds the knockouts near a radius shall be determined using a test gauge, as shown in Figure 16. To apply the test gauge, a knockout from each side of one box shall be removed and, when required, the remaining tab shall be filed or ground flush with the inside and outside surface of the box as well as at the edge surrounding the opening. An appropriate trade size test gauge shall be used, offset from the center of the knockout in a direction opposite to the area to be tested. When testing knockouts located adjacent to a box radius, a steel feeler gauge, 0.13 mm (0.005 in) thick and 2.5 mm (0.10 in) wide, shall be used to verify the space between the inner box surface and the flat surface of the test gauge, as shown in Figure 17. The test gauge shall not be canted or tilted to make the required contact with the surface of the box. Successful insertion of the steel feeler gauge between the box surface and the test gauge surface verifies that the box's corner radius encroaches on the required flat surface and that the box is not in compliance. ~~When testing knockouts or portions of knockouts located away from any radius between two adjacent walls, the steel feeler gauge shall not be used.~~

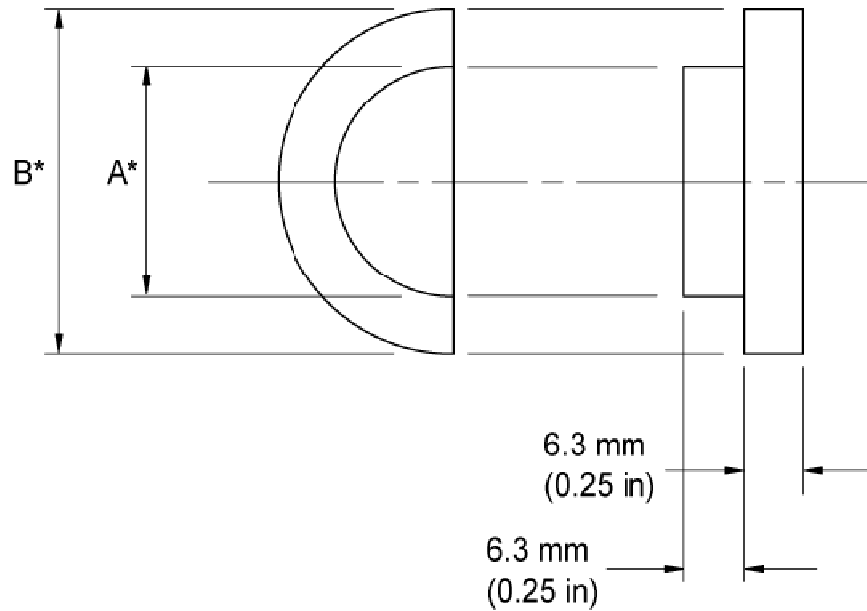
Note: The purpose of this test is to verify that a locknut seats flush with the surface of the box.

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Figure 15

Gauge for flat surfaces surrounding knockouts near a radius Method for checking flat surfaces surrounding a knockout near a radius

(See Clause 12.7.1.)



*Tolerance ± 0.030 mm (± 0.001 in)

su0397

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	Dimension A*	Dimension B*
Trade size of conduit or tubing	Nominal outside diameter of conduit,	Dimension A plus twice width of flat surface area of Table 6,
(metric designator)	mm (in)	mm (in)

1/2 (16)	21.3 (0.840)	28.1 (1.11)
3/4 (21)	26.7 (1.050)	34.0 (1.34)
1 (27)	33.4 (1.315)	42.8 (1.69)
1-1/4 (35)	42.2 (1.660)	55.1 (2.17)
1-1/2 (41)	48.3 (1.900)	63.85 (2.52)
2 (53)	60.3 (2.375)	78.26 (3.08)

10. Revision to Ceiling-Suspended Fan Support Requirement for Canada in Clause 5.7 to Reflect Proposed Changes to the CEC.

5.7.2 In Mexico and the United States, an **OUTLET BOX** intended to support a ceiling-suspended fan that is provided with screws, or a screw and nut assembly, other than No. 8-32 or No. 10-32, shall be marked on the inside surface with the thread designation of the screws or nuts. See Clause 9.12.1(a).

In Canada, ~~this requirement does not apply ceiling fan and all possible accessories weighing 16 kg or more shall be supported independently of the outlet box.~~ See Clause 9.12.1(a).

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BSR/UL 810A, Standard for Safety for Electrochemical Capacitors

1. Addition of a Definition for Electrochemical Capacitors.

5.7A ELECTROCHEMICAL CAPACITOR - An electric energy storage device where electrical charge is stored as a result of non-Faradaic processes at one or both of the electrodes. (A subset of electrochemical capacitors referred to as an "asymmetric electrochemical capacitor" have non-Faradaic processes at one electrode and Faradaic processes at the other electrode.) The unique highly-porous electrode increases its surface area for holding charge resulting in much larger capacitance and energy density than other types of capacitors. Electrochemical capacitors differ from common electrolytic capacitors in that they store charge at the liquid-solid interface of the electrodes when a potential is applied rather than in a solid dielectric material covering the surfaces of the electrodes. Some other common names for an electrochemical capacitor are "double layer capacitor", "ultra-capacitor", "electrochemical double layer capacitor", "super-capacitor", and EDLC.

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BSR/UL 858, Standard for Household Electric Ranges

1. Addition and Revision to Requirements for Resistance to Moisture

7.4.5 An appliance cooktop having any vents, slots, or openings on or near the horizontal cooking surface and therefore subject to spillage shall comply with the Spillage on vents, slots, or openings, Section 72.5.

7.4.6 An appliance intended for under counter installation, such as a built-in oven, that may be subject to spillage of liquids from the above countertop or cooking surface shall comply with the Spillage on under counter appliances, Section 72.6.

72.1.1 An appliance having controls mounted in the horizontal cooking surface as determined by 7.4.2 is to be subjected to the spill test described in 72.1.2 to simulate conditions that might occur during actual use. There shall be no evidence of arcing, or short-circuiting, ~~no evidence of insulation breakdown, or unintended operation.~~ and, ~~a~~After the test, the appliance shall comply with the dielectric voltage-withstand requirements in 63.1.

72.2.1 A door-operated switch mounted in the front oven frame shall be subjected to the test described in 72.2.2 to simulate conditions that might occur during normal cleaning of the oven. There shall be no evidence of arcing, short-circuiting, or insulation breakdown, ~~or unintended operation.~~ and, ~~a~~After the test, the appliance shall comply with the dielectric voltage-withstand requirements in 63.1.

Exception: An appliance employing a single-pole switch connected in the grounded conductor in accordance with 25.1.3 is not to be subjected to the dielectric voltage-withstand test in 63.1.

72.5 Spillage on vents, slots, or openings

72.5.1 An appliance having vents, slots, or openings on or near the horizontal cooking surface as referenced in 7.4.5 is to be subjected to the spill test in 72.5.2 to simulate conditions that might occur during actual use. There shall be no evidence of arcing, short-circuiting, insulation breakdown, or unintended operation. After the test, the appliance shall comply with the dielectric voltage-withstand requirements in 63.1.

72.5.2 Using the solution described in 72.1.2, pour the salt-water solution down any opening (vent, slot, gap, groove, crevice, etc.) that could receive water from a spill at a steady rate while steadily moving back and forth along the length of the opening. Each control is then to be operated through its full range and this operation is to be repeated after a 5 min interval. Within 5 min but no less than 1 min after the repeated series of operations, the appliance is to be tested for compliance with Dielectric Voltage-Withstand Test, Section 63.

72.6 Spillage on under counter appliances

72.6.1 An appliance intended for under counter installation as referenced in 7.4.6 is to be subjected to the spill test in 72.6.2 to simulate conditions that may occur in actual use. There shall be no evidence of

arcing, short-circuiting, insulation breakdown, or unintended operation. After the test, the appliance shall comply with the dielectric voltage-withstand requirement in 63.1.

72.6.2 Using the solution described in 72.1.2 and with the product installed per 56.5.2, pour the salt-water solution along the back edge and top of the control panel at a steady rate while moving back and forth along the length of the panel. Each control is then to be run through various modes of operations so that all components (fans, switches, relays, etc.) have been activated. Within 5 min but no less than 1 min after the series of operations, the appliance is to be tested for compliance with the Dielectric Voltage-Withstand Test, Section 63.

2. Proposal to Reduce Temperature Limits of Child-Accessible Surfaces

Table 36.1

Maximum acceptable temperature of surfaces as measured by the probe illustrated in Figure 36.2

			°C	°F
<u>A. During all modes except self-clean, surfaces on the front on the product less than 3 ft (914mm) above floor level as installed, and on the sides of the product less than 31 in (787 mm) above the floor level, if accessible, as installed:</u>				
	(1)	<u>Bare or painted metal</u>	<u>57</u>	<u>135</u>
	(2)	<u>Porcelain enamel</u>	<u>60</u>	<u>140</u>
	(3)	<u>Glass or ceramic</u>	<u>68</u>	<u>154</u>
	(4)	<u>Plastic</u>	<u>72</u>	<u>162</u>
<u>B. During self-clean, surfaces less than 3 ft (914mm) above floor level as installed, and during all other modes on the side of the product less than 3 ft but more than 31 in (787 mm) above the floor if accessible as installed:</u>				
	(1)	<u>Bare or painted metal</u>	<u>67</u>	<u>152</u>
	(2)	<u>Porcelain enamel</u>	<u>71</u>	<u>160</u>
	(3)	<u>Glass or ceramic</u>	<u>78</u>	<u>172</u>
	(4)	<u>Plastic^a</u>	<u>83</u>	<u>182</u>
<u>C. Surfaces more than 3 ft (914mm) above floor level as installed, during all modes:</u>				
	(1)	<u>Bare or painted metal</u>	<u>84</u>	<u>183</u>
	(2)	<u>Porcelain enamel</u>	<u>88</u>	<u>191</u>
	(3)	<u>Glass or ceramic</u>	<u>95</u>	<u>203</u>
	(4)	<u>Plastic^a</u>	<u>100</u>	<u>212</u>
NOTE - Temperature limits are increased 17°C (31°F) for areas that will be more than 3 ft (914 mm) above floor level as installed. A cabinet-supported, counter-mounted, or wall-mounted appliance is to be installed in accordance with the manufacturer's instructions to determine which areas will be more than 3 ft above floor level.				
^a Includes plastic with a metal plating not more than 0.005 in (0.13 mm) thick; and metal with a plastic or vinyl covering not less than 0.005 in thick.				

BSR/UL 1283, Standard for Safety for Electromagnetic Interference Filters**1. Proposal to Expand Scope to Cover Filters Rated up to 1000 V ac and 1500V dc (PR18150)**

17.5 The inclined plane tracking test described in the Standard for Polymeric Materials - Short Term Property Evaluations, UL 746A, provides an indication of the relative track resistance of the material at voltages that are greater than 600 V. Refer to the inclined plane tracking requirements in the Standard for Polymeric Materials - Use in Electrical Equipment Evaluations UL 746C, for the minimum tracking time.

Table 22.2**Minimum acceptable primary circuit spacings in inches (mm) at other than field-wiring terminals**

Potential involved in volts - RMS (peak)	Between uninsulated parts not always of the same polarity ^{a, d, e}			
	Over surface		Through air	
50 or less (70.7 or less)	3/64	(1.2)	3/64	(1.2)
Over 50 - 150 (over 70.7 - 212.1)	1/16 ^b	(1.6) ^b	1/16 ^b	(1.6) ^b
Over 150 - 300 (over 212.1 - 424.3)	3/32 ^b	(2.4) ^b	3/32 ^b	(2.4) ^b
Over 300 - 600 (over 424.3 - 848.5)	1/2 ^{c d}	(12.7) ^{c d}	3/8 ^{c d}	(9.5) ^{c d}
Over 600 - 1000 (over 848.5 - 1414.2)	0.85 ^c	(21.6) ^c	0.55 ^c	(14) ^c
Over 1000 - 1060.5 (over 1414.2 - 1500)	0.90 ^c	(22.9) ^c	0.58 ^c	(14.7) ^c

^a Film-coated magnet wire is to be considered an uninsulated live part except that spacings do not apply between conductors comprising turns of a coil. However, between dead metal parts and film-coated magnet wire the indicated spacings apply, except that 3/32 inch (2.4 mm) is acceptable over surface and through air between dead metal parts and film-coated magnet wire that is rigidly supported and held in place on a coil.

^b At closed in points only, such as at a live stud insulated from dead metal by a 2-piece insulating shoulder washer, or between parts mounted in potting compound, a spacing

of 3/64 inch (1.2 mm) is acceptable.

^c These spacings apply to the sum of the spacings involved whenever an isolated dead metal part is interposed.

^d A Live parts or a printed wiring board intended to be completely encapsulated in an acceptable potting compound or epoxy shall not have spacings less than 0.8 mm (1/32 inch).

^e Alternatively, the requirements of 22.9 and the use of the Standard for Insulation Coordination Including Clearances and Creepage Distances for Electrical Equipment, UL 840 may be applied to evaluate clearances and creepage distances.

24 Capacitors

24.1 Capacitors other than those employed in a secondary circuit shall comply with the Dielectric Voltage-Withstand Test, Section 28, Insulation Resistance Test, Section 29, and Endurance Test, Section 31.

Exception No. 1: Capacitors that comply with the across-the-line requirements in the Standard for Capacitors and Suppressors for Radio- and Television-Type Appliances, UL 1414, meet the requirements for use in Filters.

Exception No. 2: Capacitors employed within filters that are subjected to the tests outlined in 24.1 meet the requirements.

Exception No. 3: Capacitors that comply with the requirements in the Standard for Fixed Capacitors for use in Electronic Equipment, IEC 60384-14, or the Standard for Fixed Capacitors for Use in Electronic Equipment - Part 14: Sectional Specification: Fixed Capacitors for Electromagnetic Interference Suppression and Connection to the Supply Mains, UL 60384-14, meet the requirements for use in filters. Unless specifically rated for dc voltage, these capacitors may be used in dc applications up to their ac voltage ratings.

Table 28.1

Dielectric voltage-withstand potential for cord-connected, direct plug-in, and facility filters

Filter rated	Test points	Test potential
250 V or less ac	Between live parts of opposite polarity ^a	1000 V ac or 1414 V dc
More than 250 V ac		1000 V ac plus 2 times rated voltage or 1414 V dc plus 2.828 times rated voltage
250 V or less ac	Between live parts and dead metal parts ^b	1500 V ac or 2121 V dc

More than 250 V ac		1000 V ac plus 2 times rated voltage or 1414 V dc plus 2.828 times rated voltage
250 V or less dc	Between live parts of opposite polarity ^a	1000 V dc
More than 250 V dc		1000 V dc plus 2 times rated voltage
250 V or less dc	Between live parts and dead metal parts ^b	2000 V dc
More than 250 V dc		≥ 4 times rated voltage (dc), <u>minimum 2000 V dc</u>
^a Live parts connected to different sides of the supply, including each ungrounded conductor as well as the grounded conductor of the supply, are to be considered of opposite polarity.		
^b Includes the terminals of capacitors intended for connection between any part of the supply and grounded parts.		

Table 28.2

Dielectric voltage-withstand potential for appliance filters

Filter rated	Test points	Test potential
250 V ac or less	Between live parts of opposite polarity ^a	1250 V ac or 1768 V dc
More than 250 V ac		950 V ac plus 1.2 times rated voltage or 1343 V dc plus 1.697 times rated voltage
250 V ac or less	Between live parts and dead metal parts ^b	1500 V ac or 2121 V dc
More than 250 V ac		See Table 28.3
250 V dc or less	Between live parts of opposite polarity ^a	1768 V dc
More than 250 V dc		1343 V dc plus 1.697 times rated voltage
250 V dc or less	Between live parts and dead metal parts ^b	2121 V dc
More than 250 V dc		See Table 28.3
^a Live parts connected to different sides of the supply, including each ungrounded conductor as well as the grounded conductor of the supply, are to be considered of		

opposite polarity.

^b Includes the terminals of capacitors intended for connection between any part of the supply and grounded parts.

Table 28.3

Dielectric voltage-withstand potential values applied between live parts and dead metal parts, for appliance filters rated more than 250 volts

Filter rated volts ^a	Test potential V ac	Test potential V dc
257	1502	2124
268	1531	2165
280	1563	2210
292	1593	2253
305	1626	2299
319	1660	2347
333	1693	2394
347	1726	2441
362	1760	2489
378	1796	2540
395	1833	2592
415	1875	2651
433	1913	2705
452	1951	2759
472	1991	2815
493	2031	2872
515	2073	2931
537	2114	2989
561	2157	3050
585	2199	3109
600	2225	3146
<u>1000</u>	<u>3070</u>	<u>4341</u>
<u>1500</u>	<u>4125</u>	<u>5833</u>

^a Interpolation is permitted between consecutive values in table.

Table 41.1

Production-line test conditions for cord-connected, direct plug-in and facility filters

Filter rating	Condition A		Condition B		Condition C		Condition D	
	Potential in V DC	Time in seconds	Potential in V DC	Time in seconds	Potential in V AC	Time in seconds	Potential in V AC	Time in seconds
250 V or less ac	2121	60	2545	1	1500	60	1800	1
More than 250 V ac	$1414 + 2.828 V^a$	60	$1697 + 3.39 V^a$	1	$1000 + 2 V^a$	60	$1200 + 2.4 V^a$	1
250 V or less dc	2000	60	2400	1	-	-	-	-
More than 250 V dc	$4.8 V^a$	60	$\frac{4.8 \cdot 9.6}{V^a}$	1	-	-	-	-

^a Maximum marked rated voltage.

Table 41.2

Production-line test conditions for appliance filters

Filter rating	Condition A		Condition B		Condition C		Condition D	
	Potential in V DC	Time in seconds	Potential in V DC	Time in seconds	Potential in V AC	Time in seconds	Potential in V AC	Time in seconds
250 V or less	1400	60	1700	1	1000	60	1200	1
More than 250 V	$1400 + 2.8 V^a$	60	$1700 + 3.4 V^a$	1	$1000 + 2 V^a$	60	$1200 + 2.4 V^a$	1

^a Maximum marked rated voltage.

BSR/UL 2523, Standard for Safety for Solid Fuel-Fired Hydronic Heating Appliances, Water Heaters, and Boilers

1. ANSI/ASME pressure vessel stamps

PROPOSAL

24.1 A boiler assembly shall be factory-built as a group assembly and shall include all the essential components necessary for its normal function when installed as intended. A boiler assembly may be shipped as two or more major subassemblies. The boiler pressure vessel shall be constructed, equipped, inspected, tested, and marked in accordance with the ANSI/ASME Boiler and Pressure Vessel Code, Section I, Power Boilers or Section IV, Heating Boilers, as required by local jurisdiction as appropriate. In the absence of markings or stamps indicating that a boiler pressure vessel has been subjected to an internationally recognized pressure vessel test, such as ANSI/ASME or Heating Boilers - Part 5: Heating Boilers for Solid Fuels, Hand and Automatically Stocked, Nominal Heat Output of up to 300 kW - Terminology, Requirements, Testing and Marking, EN303-5, a hydrostatic test shall be required.

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BSR/UL 8750, Standard for Safety for Light Emitting Diode (LED) Equipment for Use in Lighting Products

1. Add requirements for dimmable LED drivers for use with solid-state dimming controls electrically wired in series with the mains supply

8.1.3 An LED driver marked or otherwise indicated by the manufacturer to be dimmable using a solid-state electronic dimming control that is electrically wired in series with the mains supply shall be subject to special temperature testing procedures indicated in 8.3.8.1 - 8.3.8.3.

8.3.8.1 An LED driver marked or otherwise indicated by the manufacturer to be dimmable using a solid-state electronic dimming control that is electrically wired in series with the mains supply, shall be operated with the input power supply source configured for each of the following test methods 1 - 4. The LED driver output is operated at rated load for all methods.

Method 1 - mains supply: The LED driver shall be operated at rated input voltage directly from the mains supply.

Method 2 - half-wave rectified supply: The LED driver shall be operated from a source of supply with a single, appropriately rated semiconductor diode in series with the ungrounded conductor of the supply.

Method 3 - leading edge phase-cut dimmer supply: The LED driver shall be operated with an adjustable leading edge phase cut dimmer electrically wired in series with the supply in accordance with the following:

- a) The dimmer shall not contain any components in its output circuitry for waveform smoothing.
- b) The dimmer shall produce an output waveform with a variable conduction angle similar to that depicted in Figure 8.1.1. This is to be confirmed by observing the input supply waveform to the LED driver using an oscilloscope.
- c) The dimmer shall be adjusted for maximum input current and maximum input power to the LED driver.

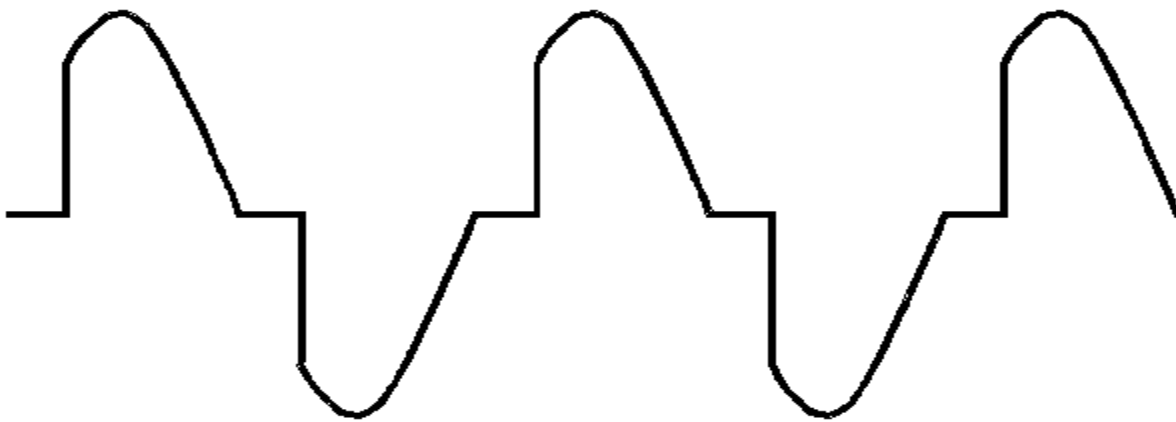
Method 4 - trailing edge phase-cut dimmer supply: Same as Method 3, except that the LED driver shall be operated with an adjustable trailing edge phase cut dimmer. The dimmer shall produce an output waveform with a variable conduction angle similar to that depicted in Figure 8.1.2.

Exception: An LED driver marked or otherwise identified for use only with specific dimmers shall be operated with the input power supply source configured for test method 5 in lieu of test methods 2, 3, and 4.

Method 5 - specific dimmers: The LED driver shall be operated with the specific dimmers. Each dimmer shall be adjusted for maximum input current and maximum input power to the LED driver. The LED driver output is operated at rated load.

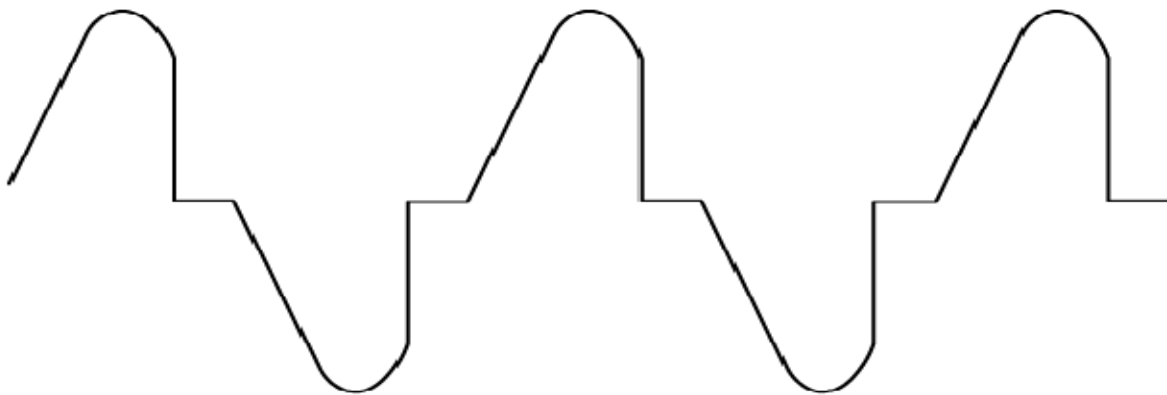
Figure 8.1.1

Leading edge phase-cut type dimmer output waveform



from UL

UL

Figure 8.1.2**Trailing edge phase-cut type dimmer output waveform**

su1451

8.3.8.2 During testing described in methods 2 - 5 in 8.3.8.1, the LED driver input and output supply conditions (V & A), including the waveform, are to be recorded. The input current shall comply with 8.2.2.

8.3.8.3 During testing described in 8.3.8.1, when possible, the same sample LED driver shall be used for all test methods.

9.3.4 An LED driver that complies with test methods 1 - 4 in 8.3.8.1 is permitted to be marked "dimmable." The manufacturer is also permitted to identify the LED driver as "dimmable" in the accompanying documents. When either marking is provided, the

accompanying documents shall identify that dimming refers to a solid-state electronic dimming control that is electrically wired in series with the mains supply.

9.3.5 An LED driver that complies with test methods 1 and 5 in 8.3.8.1 is permitted to be marked "dimmable - use only dimmer model(s) xxx made by xxx" or equivalent. The manufacturer is also permitted to include "dimmable - use only dimmer model(s) xxx made by xxx" or equivalent in the accompanying documents.

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