

Contents

American National Standards

Call for Comment on Standards Proposals	2
Call for Members (ANS Consensus Bodies)	13
Final Actions	14
Project Initiation Notification System (PINS)	16
ANSI-Accredited Standards Developers Contact Information	20

International Standards

ISO and IEC Draft Standards	22
ISO and IEC Newly Published Standards	25
Registration of Organization Names in the U.S.	28
Proposed Foreign Government Regulations	28
Information Concerning	29

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: May 6, 2012

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

Addenda

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

Addendum z ISC adds new requirements in Table C-16 in Appendix C, of ASHRAE Standard 189.1 which covers efficiency requirements for commercial refrigeration equipment.

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

Send comments (with copy to psa@ansi.org) to: ashrae1891faq@ashrae.org

ECA (Electronic Components Association)

Revisions

BSR/EIA 364-50B-201x, Dust (Fine Sand) Test Procedure for Electrical Connectors (revision and redesignation of ANSI/EIA 364-50B-201x)

This standard establishes a test method to ascertain the ability of fully wired connector assemblies to resist the effects of dry dust (fine sand) laden atmosphere

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

Send comments (with copy to psa@ansi.org) to: Edward Mikoski, (703) 907-8023, emikoski@eciaonline.org

NSF (NSF International)

Revisions

BSR/NSF 60-201x (i55), Drinking Water Treatment Chemicals: Health Effects (revision of ANSI/NSF 60-2011)

The proposed revision adds a precipitation step to Method C under Annex B.3.4 of ANSI/NSF 60, which addresses the preparation of calcium carbonate, calcium hydroxide, calcium oxide, magnesium carbonate hydroxide and magnesium oxide. The method has been revised to better reflect actual use conditions of these chemicals in the field.

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

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

NSF (NSF International)

Revisions

BSR/NSF 140-201x (i12), Sustainability Assessment for Carpet (revision of ANSI/NSF 140-2010)

Issue 12: Normative reference update.

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

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

NSF (NSF International)

Revisions

BSR/NSF 140-201x (i22), Sustainability Assessment for Carpet (revision of ANSI/NSF 140-2010)

Issue 22: The purpose of this ballot is to add a column for validity of test data to Table 9.2.

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

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

NSF (NSF International)

Revisions

BSR/NSF 305-201x (i13), Personal Care Products Containing Organic Ingredients (revision of ANSI/NSF 305-2011)

Issue 13: This ballot includes proposed updates to section content and titles for the following in ANSI/NSF 305:

5.2 Organic production system plan;

7.1 Use of the term "organic";

7.4 Packaged products labeled "100 percent organic" or "organic" or "made with organic";

7.5.1 Personal care packaged products; and

7.5.2 Agricultural packaged products.

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

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

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 555-201X, Standard for Safety for Fire Dampers (revision of ANSI/UL 555-2011a)

1. Addition of new exception for fire endurance and hose stream test.

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

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

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 555S-201X, Standard for Safety for Smoke Dampers (revision of ANSI/UL 555S-2011)

1. Addition of new exception for fire exposure test.

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

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

UL (Underwriters Laboratories, Inc.)

Revisions

BSR/UL 1004-3-201X, Standard for Safety for Thermally Protected Motors (Proposal dated 4-6-12) (revision of ANSI/UL 1004-3-2010)

The proposal is for clarification to the Locked Rotor Temperature Test.

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

Send comments (with copy to psa@ansi.org) to: Jonette Herman, (919) 549-1479, Jonette.A.Herman@ul.com

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

BSR/UL 1063-201x, Standard for Safety for Machine-Tool Wires and Cables (revision of ANSI/UL 1063-2012a)

Revised requirements for compressed stranded conductors.

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

Send comments (with copy to psa@ansi.org) to: Camille Alma, (631) 271-6200, Camille.A.Alma@ul.com

Comment Deadline: May 21, 2012**AARST (American Association of Radon Scientists and Technologists)****New Standards**

BSR/AARST CCAH-201x, Reducing Radon in New Construction of 1 & 2 Family Dwellings and Townhouses (new standard)

Model code for Radon Reduction Features in New construction of one- and two-family dwellings.

Single copy price: \$TBD

Obtain an electronic copy from: <http://www.radonstandards.us>

Order from: standards@aarst.org

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

ABYC (American Boat and Yacht Council)**New Standards**

BSR/ABYC S-30-201x, Outboard Engine and Related Equipment Weights (new standard)

This industry conformity standard is a guide for outboard engine and related equipment weights for use in determining vessel capacity and flotation.

Single copy price: \$ 50.00

Obtain an electronic copy from: www.abycinc.org

Order from: www.abycinc.org

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

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

BSR/ASABE AD730-201x, Agricultural wheeled tractors - Rear-mounted three-point linkage - Categories 1N, 1, 2N, 2, 3N, 3, 4N and 4 (national adoption with modifications of ISO 730:2009)

Specifies the dimensions and requirements of the three-point linkage for the attachment of implements or equipment to the rear of agricultural wheeled tractors.

Single copy price: \$ 52.00

Obtain an electronic copy from: vangilder@asabe.org

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

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

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

BSR/ASHRAE Standard 84-201x, Method of Testing Air-to-Air Heat/Energy Exchangers (revision of ANSI/ASHRAE Standard 84-2008)

This revision of ANSI/ASHRAE Standard 84 provides rules for the testing of air-to-air heat/energy exchangers in both the laboratory and the field. This new edition stipulates the desired uncertainty while allowing laboratories the flexibility of selecting various testing apparatus as long as the uncertainty limits are satisfied. This revision also provides reformatted versions of the fundamental effectiveness equations (1-1) and (1-2) and the developed effectiveness equation (30). Additionally, this edition addresses the impacts on test validity of testing at conditions in which condensate and frosting can occur.

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>

AWWA (American Water Works Association)**New Standards**

BSR/AWWA C200-201x, Steel Water Pipe - 6 In. (150 mm) and Larger (new standard)

This standard describes electrically butt-welded straight-seam or spiral-seam pipe and seamless pipe, 6 in. (150 mm) in nominal diameter and larger, for the transmission and distribution of water or for use in other water system facilities.

Single copy price: \$ 20.00

Obtain an electronic copy from: vdavid@awwa.org

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

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

AWWA (American Water Works Association)**New Standards**

BSR/AWWA C562-201x, Fabricated Aluminum Slide Gates (new standard)

This standard describes vertically mounted fabricated aluminum slide gates with full aperture closure, designed for either seating or unseating head, or both, in ordinary water supply and wastewater service. The gates are primarily used to shut off or throttle water or wastewater flow through a rectangular or round orifice, end of channel, or in-channel opening. They may be either conventional-closure or of flush bottom-closure type and may be opened upward or downward.

Single copy price: \$ 20.00

Obtain an electronic copy from: vdavid@awwa.org

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

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

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

BSR/AWWA C561-201x, Fabricated Stainless Steel Slide Gates (revision of ANSI/AWWA C561-2004)

This standard describes vertically mounted fabricated stainless steel slide gates with full aperture closure, designed for either seating or unseating head, or both, in ordinary water supply and wastewater service. The gates are primarily used to shut off or throttle water or wastewater flow through a rectangular or round orifice, end of channel, or in-channel opening. They may be either conventional-closure or of flush-bottom-closure type and may open upward or downward.

Single copy price: \$ 20.00

Obtain an electronic copy from: vdavid@awwa.org

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

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

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

BSR/AWWA C563-200x, Fabricated Composite Slide Gates (revision of ANSI/AWWA C563-2004)

This standard describes vertically mounted, fabricated composite, resilient-seated slide gates with full aperture closure, designed for either seating or unseating head, or both, in ordinary water supply and wastewater service. The gates are primarily used to shut off or throttle water and wastewater flow through a rectangular or round orifice, end of channel, or in-channel opening. They may be either conventional closure or of flush bottom-closure type and may be opened either upward or downward.

Single copy price: \$ 20.00

Obtain an electronic copy from: vdavid@awwa.org

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

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

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

BSR/AWWA C704-201x, Propeller-Type Meters for Waterworks Applications (revision of ANSI/AWWA C704-2008)

This standard describes the various types and classes of propeller meters in sizes 2 in. (50 mm) through 72 in. (1,800 mm) for waterworks applications. These meters register by recording the revolutions of a propeller set in motion by the force of flowing water striking the blades.

Single copy price: \$ 20.00

Obtain an electronic copy from: vdavid@awwa.org

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

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

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

ANSI/AWWA C513-2005, Open-Channel, Fabricated-Metal Slide Gates and Open-Channel, Fabricated-Metal Weir Gates (withdrawal of ANSI/AWWA C513-2005)

This standard covers open-channel, fabricated-metal slide gates and open-channel, fabricated-metal weir gates for water supply service. This standard also covers manual slide lift mechanisms and standard gate appurtenances. Power-driven actuators are specified in ANSI/AWWA C540, Standard for Power-Actuating Devices for Valves and Slide Gates.

Single copy price: \$ 20.00

Obtain an electronic copy from: vdavid@awwa.org

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

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

CSA (CSA America, Inc.)**Revisions**

BSR Z21.21-201, Automatic Valves for Gas Appliances (same as CSA 6.5) (revision, redesignation and consolidation of ANSI Z21.21-2005 (R2010), ANSI Z21.21a-2010, ANSI Z21.21b-2011)

This standard applies to individual automatic valves or valves utilized as parts of automatic gas ignition systems. This standard also applies to commercial/industrial safety shutoff valves, hereinafter referred to as C/I valves. This standard shall not apply to self-contained water heater, cooking appliance, or room heater thermostats, or self-contained automatic gas shutoff valves for hot-water supply systems.

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 America, Inc.)**Revisions**

BSR Z21.80a-201x, Standard for Line Pressure Regulators (same as CSA 6.22a) (revision of ANSI Z21.80-21-2011)

This standard applies to line pressure regulators, either individual or in combination with over pressure protection devices, hereinafter referred to as device(s), intended for application in gas piping systems between the service regulator, or LP-gas 2 psi service regulator, and the gas utilization equipment. This standard applies to regulators for operation with natural, manufactured and mixed gases, liquefied petroleum gases, and LP gas-air mixtures.

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

CSA (CSA America, Inc.)**Addenda**

BSR Z21.18b-201x, Standard for Gas Appliance Pressure Regulators (same as CSA 6.3b) (addenda to ANSI Z21.18-2007 (R2012))

ANSI Z21.18a-2010)

This standard applies to individual gas appliance pressure regulators, which are not a part of a combination control, intended for application on individual gas appliances. This standard also applies to negative gas appliance pressure regulators.

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 America, Inc.)**Addenda**

BSR/NGV 2b-201x, Compressed Natural Gas Vehicle Fuel Containers (addenda to ANSI/CSA NGV2-2007)

This standard contains specifications for the materials, design, manufacture, and testing of refillable containers intended for the storage of compressed natural gas for vehicle operation and which are affixed to the vehicle. The standard covers fuel containers of up to 1000-liter capacity and pressures between 165 and 300 Bar (2400 and 4350 psig).

Single copy price: \$ 50.00

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

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

BSR/EIA 364-61-201x, Rework Resistance to Soldering Heat Test Procedure for Electrical Connectors and Sockets (new standard)

This standard establishes a test method for determining if connectors or sockets can withstand exposure to solder rework conditions using either solder iron, solder pot, solder fountain, hot air, or hot vapor techniques. It is important to note that compliant pin connectors or sockets can be affected by solder rework if they are in close proximity to other connectors or sockets undergoing solder rework.

Single copy price: \$ 76.00

Obtain an electronic copy from: global.ihs.com

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

Send comments (with copy to psa@ansi.org) to: Edward Mikoski, (703) 907-8023, emikoski@eciaonline.org

ECA (Electronic Components Association)**Revisions**

BSR/EIA 364-46C-201x, Microsecond Discontinuity Test Procedure for Electrical Connectors, Contacts, and Sockets (revision and redesignation of ANSI/EIA 364-46B-2006)

This procedure is to define a method of detecting a discontinuity of one microsecond or longer in a mated electrical connector, contact or socket. This procedure shall not be used for durations less than one microsecond; see EIA-364-87, test procedure for nanosecond event detection.

Single copy price: \$ 80.00

Obtain an electronic copy from: global.ihs.com

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

Send comments (with copy to psa@ansi.org) to: Edward Mikoski, (703) 907-8023, emikoski@eciaonline.org

ECA (Electronic Components Association)**Revisions**

BSR/EIA 364-100A-201x, Marking Permanence Test Procedure for Electrical Connectors and Sockets (revision and redesignation of ANSI/EIA 364-100-1999 (R2006))

This standard establishes a method of determining the marking permanence of electrical connectors and sockets.

Single copy price: \$ 80.00

Obtain an electronic copy from: global.ihs.com

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

Send comments (with copy to psa@ansi.org) to: Edward Mikoski, (703) 907-8023, emikoski@eciaonline.org

FCI (Fluid Controls Institute)**Revisions**

BSR/FCI 4-1-201x, Pressure Regulator Hydrostatic Shell Test Method (revision of ANSI/FCI 4-1-2007)

This standard establishes a method for conducting production hydrostatic testing of pressure regulator shells having bodies, bonnets, casings, and spring cases manufactured from any materials

Single copy price: Free

Obtain an electronic copy from: fcifluidcontrolsinstitute.org

Order from: Leslie Schraff, (216) 241-7333, fcifluidcontrolsinstitute.org

Send comments (with copy to psa@ansi.org) to: Craig Addington, (216) 241-7333, fcifluidcontrolsinstitute.org

ITI (INCITS)**Reaffirmations**

BSR INCITS 360-2002 (R201x), Information Technology -SCSI Multimedia Commands - 3 (MMC-3) (reaffirmation of ANSI INCITS 360-2002 (R2007))

This standard defines multimedia command set extensions for Device Type 5 devices. The commands specified within this standard define standard access and control to those Features of the device that are used in multimedia applications. The SPC and these extensions are transport independent and may be implemented across a wide variety of environments for which a SCSI transport protocol has been defined. To date these include Fibre Channel, SCSI Parallel Interface, High Performance Serial Bus (IEEE 1394), Serial Storage Architecture, and ATA/ATAPI.

Single copy price: \$ 30.00

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

ITI (INCITS)**Reaffirmations**

BSR INCITS 365-2002 (R201x), Information Technology - SCSI RDMA Protocol (SRP) (reaffirmation of ANSI INCITS 365-2002 (R2007))

This standard defines the rules for exchanging information between SCSI devices using an RDMA communication service. Other SCSI transport protocol standards define the rules for exchanging information between SCSI devices using other interconnects.

Single copy price: \$ 30.00

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

ITI (INCITS)**Reaffirmations**

BSR INCITS 430-2007 (R201x), Information technology - Multi-Media Commands - 5 (MMC-5) (reaffirmation of ANSI INCITS 430-2007)

This standard defines a set of SCSI command descriptor blocks that are useful in accessing and controlling devices with a peripheral device type set to 5. This command set is transport independent and may be implemented across a wide variety of environments for which a SCSI transport protocol has been defined. To date, these include Parallel SCSI, ATA/ATAPI, Serial ATA, Universal Serial Bus (USB versions 1.1 and 2.0), and High Performance Serial Bus (IEEE 1394, 1394A, and 1394B). The command set described has been selected for correct operation when the physical interface is ATA with the ATAPI command protocol.

Single copy price: \$ 30.00

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

ITI (INCITS)**Reaffirmations**

BSR INCITS 431-2007 (R201x), Information technology - SCSI/ATA Translation (SAT) (reaffirmation of ANSI INCITS 431-2007)

The set of SCSI standards specifies the interfaces, functions, and operations necessary to ensure interoperability between conforming SCSI implementations. This standard is a functional description. Conforming implementations may employ any design technique that does not violate interoperability. This standard defines the protocol requirements of the SCSI/ATA Translation Layer (SATL) to allow conforming SCSI/ATA translating elements to interoperate with ATA devices and SCSI application layers. The SATL covers the range of implementations that use ATA devices to emulate the behavior of SCSI devices as viewed by the SCSI application layer.

Single copy price: \$ 30.00

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

ITI (INCITS)**Stabilized Maintenance: See 3.3.3 of the ANSI Essential Requirements**

BSR INCITS 307-1997 (S201x), Information Technology - Serial Storage Architecture - Physical Layer 2 (SSA-PH2) (stabilized maintenance of ANSI INCITS 307-1997 (R2007))

The SSA-PH2 standard (ANSI NCITS 307-1997) defines a physical layer that supports the SSA transport layer 2 (ANSI NCITS 308-1997), and any protocols supported by SSA-TL2 (ANSI NCITS 308-1997). The goals of SSA-PH2 (ANSI NCITS 307-1997) are:

- (a) extending the cable distance;
- (b) copper cable operation at 40 MB/s;
- (c) full duplex operation to achieve an aggregate 80 MB/s between two ports; and
- (d) other capabilities that fit within the scope of SSA-PH2 (ANSI NCITS 307-1997) that may be proposed during the development phase by the participants in the project.

Single copy price: \$ 30.00

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

ITI (INCITS)**Stabilized Maintenance: See 3.3.3 of the ANSI Essential Requirements**

BSR INCITS 308-1997 (S201x), Information Technology - Serial Storage Architecture - Transport Layer 2 (SSA-TL2) (stabilized maintenance of ANSI INCITS 308-1997 (R2007))

This document defines a transport layer of the Serial Storage Architecture (SSA) that runs SSA-S2P and SSA-S3P while running on SSA-PH2. The goals of SSA-TL2 are to:

- (a) provide an Extended Distance Option;
- (b) provide support for higher data rates in the physical layer 2 (SSA-PH2);
- (c) enhance packet formats and addressing methods; and
- (d) define a transport layer acceptable to vendors looking for an evolution from parallel SCSI and systems designers looking for opportunities to more fully exploit the capabilities inherent to a serial bus.

Single copy price: \$ 30.00

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

ITI (INCITS)**Stabilized Maintenance: See 3.3.3 of the ANSI Essential Requirements**

BSR INCITS 309-1997 (S201x), Information Technology - Serial Storage Architecture - SCSI-3 Protocol (SSA-S3P) (stabilized maintenance of ANSI INCITS 309-1997 (R2007))

This document defines a protocol layer of the Serial Storage Architecture (SSA) that runs on SSA-TL2 while running on SSA-PH2. The goals of SSA-S3P are:

- (a) map the SAM services and terminology to SSA;
- (b) define the data field format of the SSA-S3P SMSs;
- (c) support for dual port and alternate pathing;
- (d) provide support for auto-sense;
- (e) provide support for third-party operations; and
- (f) other capabilities that fit within the scope of SSA-S3P that may be proposed during the development phase by the participants in the project.

Single copy price: \$ 30.00

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

NECA (National Electrical Contractors Association)**Reaffirmations**

BSR/NECA 102-2004 (R201x), Standard for Installing Aluminum Rigid Metal Conduits (reaffirmation of ANSI/NECA 102-2004)

This standard describes installation procedures for aluminum rigid metal conduit (RMC).

Single copy price: Free

Obtain an electronic copy from: am2@necanet.org

Order from: Aidan McCallion, 301-215-4549, Am2@necanet.org

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

TechAmerica**Revisions**

BSR/GEIA STD-0005-1-A-201x, Standard for Managing the Use of Pb-Free Solder and Finishes in Aerospace, Defense and High Performance Electronic Systems (revision and redesignation of ANSI/GEIA STD-0005-1-2007)

This Standard communicates technical and administrative processes and procedures needed to mitigate the risks associated with the use of Pb-free solder and finishes in Aerospace High Performance Electronic Systems.

Single copy price: \$ 68.00

Obtain an electronic copy from: <http://www.techamerica.org/standards> and click on the Online Standards store link

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

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

BSR/UL 153-201X, Standard for Safety for Portable Electric Luminaires (revision of ANSI/UL 153-2011a)

The following changes in requirements to the Standard for Portable Electric Luminaires, UL 153, are being proposed:

- (1) Add definitions for interconnected units and interconnecting cords;
- (2) Clarify Class 2 circuit enclosure exemption in 9.5 to correlate with 38.2;
- (3) Revise Class 2 and Low-Voltage Circuit definitions to correlate with National Electrical Code (NEC);
- (4) Revise electrical rating requirements in 26.3 and 169.6.3;
- (5) Clarification of grounding exemptions for Class 2 and certain other wall mounted units;
- (6) Editorial revisions to clarify portable cabinet light power supply cord;
- (7) Add test reference for receptacles for wet location units;
- (8) Clarify requirements for portable hand lights to indicate through-cord power supplies are not permitted;
- (9) Add exception to temperature limits on current carrying parts;
- (10) Revise temperature test method to include through-wire current based on receptacle rating;
- (11) Revise requirements for fluorescent and LED lamp replacement markings;
- (12) Revise requirements for separately packaged power supplies;
- (13) Add requirements for portable luminaires with batteries;
- (14) Add mounting requirements for portable cabinet lights;
- (15) Clarify and consolidate requirements for wiring attached to movable or flexible parts;
- (16) Relocate requirements for grounding for portable luminaires operating at over 150 V to ground;
- (17) Revise requirements for transformers in Section 44;
- (18) Clarify terminology for wing/toggle bolts in 72.2.1;
- (19) Clarify GFCI requirements for wet location luminaires with a receptacle in 120.3.3;
- (20) Clarify compliance criteria for Lamp Harp Torque Test;
- (21) Clarify requirements for Work Lights;
- (22) Simplify requirements for dead metal parts for lampholders and switches;
- (23) Add requirement for DC test option for Dielectric Withstand Test;
- (24) Clarify requirements for Hand Light Accessories;
- (25) Add definition for Power Supply;
- (26) Revise requirements for supply cords; and
- (27) Miscellaneous and typographical corrections.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

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

BSR/UL 1682-201X, Standard for Safety for Plugs, Receptacles, and Cable Connectors, of the Pin and Sleeve Type (revision of ANSI/UL 1682-2007)

- (1) Revision of requirements to permit the grounding symbol with or without the circle;
- (2) Revision to requirements to allow attachment plugs and cord connectors of the pin and sleeve type to employing pin-type (insulation-piercing) or insulation- displacement terminals;
- (3) Revision to requirements regarding the allowable number of pilot contacts; and
- (4) Revision of requirements for terminal parts to specify CSA C22.2 No. 158 Instead of No. 65.

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: Patricia Sena, (919) 549-1636, patricia.a.sena@ul.com

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

BSR/UL 1242-2007 (R201x), Standard for Safety for Intermediate Metal Conduit - Steel (reaffirmation of ANSI/UL 1242-2007)

Reaffirmation of current ANS, which covers steel electrical intermediate metal conduit (IMC), nipples, elbows, and couplings for use as a metal raceway for the installation of wires and cables

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

WDMA (Window and Door Manufacturers Association)**Revisions**

BSR/WDMA I.S.6A-201x, Industry Standard for Architectural Stile and Rail Doors (revision of ANSI/WDMA I.S.6A-2001)

Defines the aesthetic grades and performance duty levels for interior architectural wood stile and rail doors. It provides standard requirements and tests to ensure all products complying with the standard are evaluated on an equal basis, and provides a logical system of references, keyed to a guide specification, to facilitate thorough, precise and accurate architectural specifications.

Single copy price: Free

Obtain an electronic copy from: www.wdmaa.com

Order from: Stephen Kendrick, 202-367-4877, skendrick@wdma.com

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

Comment Deadline: June 5, 2012

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

ASME (American Society of Mechanical Engineers)

Revisions

BSR/ASME B18.9-201x, Plow Bolts (revision of ANSI/ASME B18.9-2007)

This Standard covers general and dimensional data for inch series plow bolts.

Single copy price: Free

Order from: Mayra Santiago, ASME; Global Engineering DocumentsBOX@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)

Withdrawals

BSR/ASME B18.2.3.1M-1999 (R2011), Metric Hex Cap Screws (withdrawal of ANSI/ASME B18.2.3.1M-1999 (R2011))

This Standard covers the complete general and dimensional data for metric series hex cap screws.

Single copy price: \$ 54.00

Order from: Mayra Santiago, ASME; Global Engineering DocumentsBOX@asme.org

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

ASSE (ASC A10) (American Society of Safety Engineers)

Revisions

BSR/ASSE A10.32-201X, Fall Protection Systems for Construction and Demolition Operations (revision of ANSI/ASSE A10.32-2004)

This standard establishes performance criteria for personal fall protection equipment and systems in construction and demolition and provides guidelines, recommendations for their use and inspection. It includes, but is not limited to; fall arrest, restraint, positioning, climbing, descending, rescue, escape and training activities. Exceptions: This standard does not include lineman's body belts, pole straps, window washers belts, chest/waist harnesses, and sports equipment.

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

LEO (Leonardo Academy, Inc.)

New Standards

BSR/LEO-SCS-002-201x, Type III Life-Cycle Impact Profile Declarations for Products and Services (new standard)

This draft standard addresses Type III Life-Cycle Impact Profile Declarations for Products and Services. It specifies the life-cycle impact assessment (LCIA) methods, scope, metrics and format for declarations. This standard complies with the requirements of ISO 14044 and ASTM draft standard E06.71.10. This standard is intended to provide a uniform and standardized format for properly reporting the environmental life-cycle impacts of any system studied. The standard explicitly excludes weighting factors and interpretation of LCIA results.

Single copy price: Free (electronic copy); \$45.00 (paper copy)

Obtain an electronic copy from: <http://www.leonardoacademy.org/services/standards/life-cycle.html>

Order from: Michael Army, (608) 280-0255, betsy@leonardoacademy.org

Send comments (with copy to psa@ansi.org) to: <http://www.leonardoacademy.org/services/standards/life-cycle.html>

UL (Underwriters Laboratories, Inc.)

New Standards

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

This standard provides requirements for the evaluation of Power over Ethernet (PoE) power sources for access control systems and equipment. The power sources may be provided integral with the access control equipment or as a separate device supplying power over Ethernet cabling. The equipment is intended to comply with Article 725.121, Power Sources for Class 2 and Class 3 Circuits, of the National Electrical Code, NFPA 70. Equipment covered by this standard provides a nominal source voltage of 48 or 53 V DC.

Single copy price: Contact comm2000 for pricing and delivery options

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

Order from: comm2000

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

Comment Deadline: May 21, 2012

ASTM (ASTM International)

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

For reaffirmations and withdrawals, order from: Customer Service, ANSI.

For new standards and revisions, order from: Karen Wilson, ASTM; kwilson@astm.org.

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

New Standards

BSR/ASTM F2473-201x, Test Method for Performance of Water-Bath Rethermalizers (new standard)

http://www.astm.org/ANSI_SA

Single copy price: \$ 46.00

BSR/ASTM WK19073-201x, Specification for Rubber Poured-In-Place Playground Surface under and around Playground Equipment (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

BSR/ASTM WK32981-201x, Test Method for Analysis of Ethyl Tertiary-Butyl Ether by Gas Chromatography (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

BSR/ASTM WK34831-201x, Test Method for Determination of the Fatty Acid Methyl Esters Content of Aviation Turbine Fuel Using Flow Analysis by Fourier Transform Infrared Spectroscopy - Rapid Screening Method (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

BSR/ASTM WK35729-201x, Specification for Pole Vault Box Collars (new standard)

http://www.astm.org/ANSI_SA

Single copy price: Free

Revisions

BSR/ASTM D1655-201x, Specification for Aviation Turbine Fuels (revision of ANSI/ASTM D1655-2011b)

http://www.astm.org/ANSI_SA

Single copy price: \$ 46.00

BSR/ASTM D4024-201x, Specification for Machine Made "Fiberglass" (Glass-Fiber-Reinforced Thermosetting Resin) Flanges (revision of ANSI/ASTM D4024-2000)

http://www.astm.org/ANSI_SA

Single copy price: \$ 40.00

BSR/ASTM D4306-201x, Practice for Aviation Fuel Sample Containers for Tests Affected by Trace Contamination (revision of ANSI/ASTM D4306-2012)

http://www.astm.org/ANSI_SA

Single copy price: \$ 40.00

BSR/ASTM D5206-201x, Test Method for Windload Resistance of Rigid Plastic Siding (revision of ANSI/ASTM D5206-2006)

http://www.astm.org/ANSI_SA

Single copy price: \$ 35.00

BSR/ASTM D6227-201x, Specification for Grades UI82 and UI87 Unleaded Aviation Gasoline (revision of ANSI/ASTM D6227-2010)

http://www.astm.org/ANSI_SA

Single copy price: \$ 40.00

BSR/ASTM D7372-201x, Guide for Analysis and Interpretation of Proficiency Test Program Results (revision of ANSI/ASTM D7372-2007)

http://www.astm.org/ANSI_SA

Single copy price: \$ 35.00

BSR/ASTM E23-201x, Test Methods for Notched Bar Impact Testing of Metallic Materials (revision of ANSI/ASTM E23-2007a)

http://www.astm.org/ANSI_SA

Single copy price: \$ 57.00

BSR/ASTM F857-201x, Specification for Hot Water Sanitizing Commercial Dishwashing Machines, Stationary Rack Type (revision of ANSI/ASTM F857-2007)

http://www.astm.org/ANSI_SA

Single copy price: \$ 40.00

BSR/ASTM F998-201x, Specification for Centrifugal Pump, Shipboard Use (revision of ANSI/ASTM F998-2010)

http://www.astm.org/ANSI_SA

Single copy price: \$ 46.00

BSR/ASTM F1162-201x, Specification for Pole Vault Landing Systems (revision of ANSI/ASTM F1162-2002)

http://www.astm.org/ANSI_SA

Single copy price: Free

BSR/ASTM F1496-201x, Test Method for Performance of Convection Ovens (revision of ANSI/ASTM F1496-2006)

http://www.astm.org/ANSI_SA

Single copy price: \$ 57.00

BSR/ASTM F2283-201x, Specification for Shipboard Oil Pollution Abatement System (revision of ANSI/ASTM F2283-2004 (R2009))

http://www.astm.org/ANSI_SA

Single copy price: \$ 40.00

BSR/ASTM F2441-201x, Practice for Labeling of Backpacking and Mountaineering Tents and Bivouac Sacks (revision of ANSI/ASTM F2441-2005)

http://www.astm.org/ANSI_SA

Single copy price: \$ 35.00

BSR/ASTM F2508-201x, Practice for Validation and Calibration of Walkway Tribometers Using Reference Surfaces (revision of ANSI/ASTM F2508-2011)

http://www.astm.org/ANSI_SA

Single copy price: \$ 40.00

BSR/ASTM F2856-201x, Practice for Transfilling and Safe Handling of Small Co2 Cylinders for Use in Paintball (revision of ANSI/ASTM F2856-2011)

http://www.astm.org/ANSI_SA

Single copy price: \$ 40.00

Reaffirmations

BSR/ASTM F760-1993 (R201x), Specification for Food Service Equipment Manuals (reaffirmation of ANSI/ASTM F760-1993)

http://www.astm.org/ANSI_SA

Single copy price: \$ 35.00

BSR/ASTM F956-1991 (R201x), Specification for Bell, Cast, Sound Signalling (reaffirmation of ANSI/ASTM F956-1991 (R2006))

http://www.astm.org/ANSI_SA

Single copy price: \$ 40.00

BSR/ASTM F957-1991 (R201x), Specification for Gong, Sound Signaling (reaffirmation of ANSI/ASTM F957-1991 (R2006))

http://www.astm.org/ANSI_SA

Single copy price: \$ 40.00

BSR/ASTM F1097-1991 (R201x), Specification for Mortar, Refractory High-Temperature, Air-Setting (reaffirmation of ANSI/ASTM F1097-1991 (R2006))

http://www.astm.org/ANSI_SA

Single copy price: \$ 35.00

BSR/ASTM F1173-2001 (R201x), Specification for Thermosetting Resin Fiberglass Pipe Systems to be Used for Marine Applications (reaffirmation of ANSI/ASTM F1173-2001 (R2006))

http://www.astm.org/ANSI_SA

Single copy price: \$ 46.00

BSR/ASTM F1245-1989 (R201x), Standard Specification for Faucets, Single And Double, Compression and Self-Closing Type, Shipboard (reaffirmation of ANSI/ASTM F1245-1989 (R2006))

http://www.astm.org/ANSI_SA

Single copy price: \$ 40.00

BSR/ASTM F1271-1990 (R201x), Specification for Spill Valves for Use in Marine Tank Liquid Overpressure Protections Applications (reaffirmation of ANSI/ASTM F1271-1990 (R2006))

http://www.astm.org/ANSI_SA

Single copy price: \$ 35.00

BSR/ASTM F1297-1999 (R201x), Guide for Location and Instruction Symbols for Evacuation and Lifesaving Equipment (reaffirmation of ANSI/ASTM F1297-1999 (R2005))

http://www.astm.org/ANSI_SA

Single copy price: \$ 35.00

BSR/ASTM F1298-1990 (R201x), Specification for Flexible, Expansion-Type Ball Joints for Marine Applications (reaffirmation of ANSI/ASTM F1298-1990 (R2006))

http://www.astm.org/ANSI_SA

Single copy price: \$ 35.00

BSR/ASTM F1311-1990 (R201x), Specification for Large-Diameter Fabricated Carbon Steel Flanges (reaffirmation of ANSI/ASTM F1311-1990 (R2006))

http://www.astm.org/ANSI_SA

Single copy price: \$ 35.00

BSR/ASTM F1330-1991 (R201x), Guide for Metallic Abrasive Blasting to Descal the Interior of Pipe (reaffirmation of ANSI/ASTM F1330-1991 (R2006))

http://www.astm.org/ANSI_SA

Single copy price: \$ 35.00

BSR/ASTM F1347-1991 (R201x), Specification for Manually Operated Fueling Hose Reels (reaffirmation of ANSI/ASTM F1347-1991 (R2006))

http://www.astm.org/ANSI_SA

Single copy price: \$ 40.00

BSR/ASTM F1387-1999 (R201x), Specification for Performance of Piping and Tubing Mechanically Attached Fittings (reaffirmation of ANSI/ASTM F1387-1999 (R2005))

http://www.astm.org/ANSI_SA

Single copy price: \$ 57.00

BSR/ASTM F1546/F1546M-1996 (R201x), Specification for Fire Hose Nozzles (reaffirmation of ANSI/ASTM F1546/F1546M-1996 (R2006))

http://www.astm.org/ANSI_SA

Single copy price: \$ 40.00

BSR/ASTM F1548-2001 (R201x), Specification for Performance of Fittings for Use with Gasketed Mechanical Couplings Used in Piping Applications (reaffirmation of ANSI/ASTM F1548-2001 (R2006))

http://www.astm.org/ANSI_SA

Single copy price: \$ 35.00

BSR/ASTM F1955-1998 (R201x), Test Method for Flammability of Sleeping Bags (reaffirmation of ANSI/ASTM F1955-1998 (R2005))

http://www.astm.org/ANSI_SA

Single copy price: \$ 40.00

BSR/ASTM F2016-2000 (R201x), Practice for Establishing Shipbuilding Quality Requirements for Hull Structure, Outfitting, and Coatings (reaffirmation of ANSI/ASTM F2016-2000 (R2006))

http://www.astm.org/ANSI_SA

Single copy price: \$ 69.00

BSR/ASTM F2039-2000 (R201x), Guide for Basic Elements of Shipboard Occupational Health and Safety Program (reaffirmation of ANSI/ASTM F2039-2000 (R2006))

http://www.astm.org/ANSI_SA

Single copy price: \$ 46.00

BSR/ASTM F2153-2007 (R201x), Test Method for Measurement of Backpack Capacity (reaffirmation of ANSI/ASTM F2153-2007)

http://www.astm.org/ANSI_SA

Single copy price: \$ 35.00

BSR/ASTM F2480-2006 (R201x), Guide for In-Ground Concrete Skatepark (reaffirmation of ANSI/ASTM F2480-2006)

http://www.astm.org/ANSI_SA

Single copy price: \$ 35.00

BSR/ASTM F2520-2005 (R201x), Specification for Reach-In Refrigerators, Freezers, Combination Refrigerator/Freezers, and Thaw Cabinets (reaffirmation of ANSI/ASTM F2520-2005)

http://www.astm.org/ANSI_SA

Single copy price: \$ 40.00

BSR/ASTM F2568-2006 (R201x), Test Method for Measurement of Sleeping Bags (reaffirmation of ANSI/ASTM F2568-2006)

http://www.astm.org/ANSI_SA

Single copy price: \$ 35.00

Projects Withdrawn from Consideration

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

ASTM (ASTM International)

BSR/ASTM F1022-200x, Standard Specification for Chemical Sanitizing Commercial Dishwashing Machines, Recirculated Wash, Fresh Water Rinse Type (new standard)

<http://www.astm.org/DATABASE.CART/HISTORICAL/F1022-95R00.htm>

HL7 (Health Level Seven)

BSR/HL7 V3 CRSA, R1-200x, HL7 Version 3 Standard: Claims and Reimbursement; Special Authorization, Release 1 (new standard)

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.

FCI (Fluid Controls Institute)

Office: 1300 Sumner Ave.
Cleveland, OH 44115

Contact: *Craig Addington*

Phone: (216) 241-7333

Fax: (216) 241-0105

E-mail: fci@fluidcontrolsinstitute.org

BSR/FCI 4-1-201x, Pressure Regulator Hydrostatic Shell Test Method
(revision of ANSI/FCI 4-1-2007)

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

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

Contact: *Barbara Bennett*

Phone: (202) 626-5743

Fax: (202) 638-4922

E-mail: bbennett@itic.org

BSR INCITS 307-1997 (S201x), Information Technology - Serial Storage Architecture - Physical Layer 2 (SSA-PH2) (stabilized maintenance of ANSI INCITS 307-1997 (R2007))

BSR INCITS 308-1997 (S201x), Information Technology - Serial Storage Architecture - Transport Layer 2 (SSA-TL2) (stabilized maintenance of ANSI INCITS 308-1997 (R2007))

BSR INCITS 309-1997 (S201x), Information Technology - Serial Storage Architecture - SCSI-3 Protocol (SSA-S3P) (stabilized maintenance of ANSI INCITS 309-1997 (R2007))

BSR INCITS 360-2002 (R201x), Information Technology -SCSI Multimedia Commands - 3 (MMC-3) (reaffirmation of ANSI INCITS 360-2002 (R2007))

BSR INCITS 365-2002 (R201x), Information Technology - SCSI RDMA Protocol (SRP) (reaffirmation of ANSI INCITS 365-2002 (R2007))

BSR INCITS 430-2007 (R201x), Information technology - Multi-Media Commands - 5 (MMC-5) (reaffirmation of ANSI INCITS 430-2007)

BSR INCITS 431-2007 (R201x), Information technology - SCSI/ATA Translation (SAT) (reaffirmation of ANSI INCITS 431-2007)

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Norcross, GA 30092

Contact: *Charles Bohanan*

Phone: (770) 209-7276

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 437 om-201x, Dirt in paper and paperboard (new standard)

TIA (Telecommunications Industry Association)

Office: 2500 Wilson Blvd.
Suite 300
Arlington, VA 22201

Contact: *Teesha Jenkins*

Phone: (703) 907-7706

Fax: (703) 907-7727

E-mail: standards@tiaonline.org

BSR/TIA 102.AABF-C-1-201x, Link Control Word Formats and Messages - Addendum 1: Conventional Fallback (addenda to ANSI/TIA 102.AABF-C-2011)

WDMA (Window and Door Manufacturers Association)

Office: 401 N. Michigan Ave, Suite 2200
Chicago, IL 60611

Contact: *Jeffrey Lowinski*

Phone: (312) 673-5891

E-mail: jlowinski@wdma.com

BSR/WDMA I.S.1A-201x, Industry Standard for Architectural Wood Flush Doors (revision of ANSI/WDMA I.S.1A-201x)

BSR/WDMA I.S.6A-201x, Industry Standard for Architectural Stile and Rail Doors (revision of ANSI/WDMA I.S.6A-2001)

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.

AMCA (Air Movement and Control Association)

Reaffirmations

ANSI/AMCA 204-2005 (R2012), Balance Quality and Vibration Levels for Fans (reaffirmation of ANSI/AMCA 204-2005): 3/28/2012

ANSI/AMCA 220-2005 (R2012), Laboratory Methods of Testing Air Curtain Units for Aerodynamic Performance Rating (reaffirmation of ANSI/AMCA 220-2005): 3/29/2012

Revisions

ANSI/AMCA 500-D-2012, Laboratory Methods of Testing Dampers for Rating (revision of ANSI/AMCA 500-D-2007): 3/29/2012

ASME (American Society of Mechanical Engineers)

Revisions

ANSI/ASME B20.1-2012, Safety Standard for Conveyors and Related Equipment (revision of ANSI/ASME B20.1-2009): 3/28/2012

ASSE (ASC Z15) (American Society of Safety Engineers)

Revisions

ANSI/ASSE Z15.1-2012, Safe Practices for Motor Vehicle Operations (revision of ANSI/ASSE Z15.1-2006): 3/28/2012

ATIS (Alliance for Telecommunications Industry Solutions)

Revisions

ANSI ATIS 0300232-2012, Human-To-Machine Interface Specification for Telecommunications Management (revision of ANSI ATIS 0300232-2006): 3/29/2012

AWS (American Welding Society)

New Standards

ANSI/AWS B2.1-1-210-2012, Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding with Consumable Insert Root of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 through 1-1/2 inch Thick, INMs-1 and ER70S-2, As-Welded or PWHT Condition, Primarily Pipe Applications (new standard): 3/29/2012

ANSI/AWS B2.1-1-211-2012, Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding with Consumable Insert Root followed by Shielded Metal Arc Welding of Carbon Steel (M-1/P-1/S-1, Group 1 or 2), 1/8 through 1-1/2 inch Thick, INMs-1, ER70S-2, and E7018, As-Welded or PWHT Condition, Primarily Pipe Applications (new standard): 3/29/2012

ANSI/AWS B2.1-8-024-2012, Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding of Austenitic Stainless Steel (M-8/P-8/S-8, Group 1), 1/16 through 1-1/2 inch Thick, ER3XX, As-Welded Condition, Primarily Plate and Structural Applications (new standard): 3/29/2012

ANSI/AWS B2.1-8-025-2012, Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding followed by Shielded Metal Arc Welding of Austenitic Stainless Steel (M-8/P-8/S-8, Group 1), 1/8 through 1-1/2 inch Thick, As-Welded Condition, Primarily Plate and Structural Applications (new standard): 3/29/2012

ANSI/AWS B2.1-8-212-2012, Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding of Austenitic Stainless Steel (M-8/P-8/S-8, Group 1), 1/8 through 1-1/2 inch Thick, ER3XX, As-Welded Condition, Primarily Pipe Applications (new standard): 3/29/2012

ANSI/AWS B2.1-8-213-2012, Standard Welding Procedure Specification (SWPS) for Shielded Metal Arc Welding of Austenitic Stainless Steel (M-8/P-8/S-8, Group 1), 1/8 through 1-1/2 inch Thick, E3XX-XX, As-Welded Condition (Primarily Pipe Applications) (new standard): 3/29/2012

ANSI/AWS B2.1-8-214-2012, Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding followed by Shielded Metal Arc Welding of Austenitic Stainless Steel (M-8/P-8/S-8, Group 1), 1/8 through 1-1/2 inch Thick, ER3XX and E3XX-XX, As-Welded Condition, Primarily Pipe Applications (new standard): 3/29/2012

ANSI/AWS B2.1-8-215-2012, Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding with Consumable Inserts of Austenitic Stainless Steel (M-8/P-8/S-8, Group 1), 1/8 through 1-1/2 inch Thick, IN3XX and ER3XX, As-Welded Condition, Primarily Pipe Applications (new standard): 3/29/2012

ANSI/AWS B2.1-8-216-2012, Standard Welding Procedure Specification (WPS) for Gas Tungsten Arc Welding with Consumable Inserts followed by Shielded Metal Arc Welding of Austenitic Stainless Steel (M-8/P-8/S-8, Group 1), 1/8 through 1-1/2 inch Thick, IN3XX, ER3XXX, and E3XX-XX, As-Welded Condition, Primarily Pipe Applications (new standard): 3/29/2012

CPA (Composite Panel Association)

Revisions

* ANSI A135.5-2012, Prefinished Hardboard Paneling (revision of ANSI A135.5-2004): 3/29/2012

MHI (Material Handling Industry)

Revisions

ANSI/MHI ICWM-2012, The ICWM Performance Standard for Casters and Wheels (revision of ANSI/MHI ICWM-2004): 3/29/2012

NACE (NACE International, the Corrosion Society)

Revisions

ANSI/NACE TM0284-2011, Evaluation of Pipeline and Pressure Vessel Steels for Resistance to Hydrogen-Induced Cracking (revision of ANSI/NACE TM0284-2003): 3/29/2012

SDI (Steel Deck Institute)

Revisions

- * ANSI/SDI C-2011, Standard for Composite Steel Floor Deck-Slabs (revision and redesignation of ANSI/SDI C1.0-2006): 3/28/2012

UL (Underwriters Laboratories, Inc.)

New Standards

ANSI/UL 1008A-2012, Standard for Safety for Medium-Voltage Transfer Switches (Proposal dated 3-25-11) (new standard): 3/30/2012

Reaffirmations

ANSI/UL 2196-2006 (R2012), Standard for Safety for Tests for Fire Resistive Cables (reaffirmation of ANSI/UL 2196-2006): 3/30/2012

Revisions

- * ANSI/UL 498-2012, Standard for Safety for Attachment Plugs and Receptacles (revision of ANSI/UL 498-2010): 3/30/2012
- * ANSI/UL 498-2012A, Standard for Safety for Attachment Plugs and Receptacle (revision of ANSI/UL 498-2010): 3/30/2012
- * ANSI/UL 626-2012, Standard for Safety for Water Fire Extinguishers (revision of ANSI/UL 626 CAN/ULC-S507-2007): 3/30/2012
- ANSI/UL 651-2012, Standard for Safety, Schedule 40, 80, Type EB and A Rigid PVC Conduit and Fittings (Proposal dated 1-20-2012) (revision of ANSI/UL 651-2011): 3/30/2012
- ANSI/UL 1241-2012, Standard for Safety for Junction Boxes for Swimming Pool Luminaires (revision of ANSI/UL 1241-2011): 3/30/2012
- * ANSI/UL 2129-2012, Standard for Safety for Halocarbon Clean Agent Fire Extinguishers (revision of ANSI/UL 2129 CAN/ULC-S566-2007): 3/30/2012

VITA (VMEbus International Trade Association (VITA))

Stabilized Maintenance: See 3.3.3 of the ANSI Essential Requirements

ANSI/VITA 12-1997 (S2012), M-Module (stabilized maintenance of ANSI/VITA 12-1997 (R2002)): 3/29/2012

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.

ASTM (ASTM International)

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

Contact: Jeff Richardson

Fax: (610) 834-7067

E-mail: jrichard@astm.org

BSR/ASTM WK36933-201x, New Test Method for Intermediate Scale Fire Testing of Thermoplastic Materials Intended for Use in Transportation Applications (new standard)

Stakeholders: Fire Standards Industry.

Project Need: This test method assesses the burning behavior of materials which, due to melting behavior when exposed to heat, are unable to obtain a valid result when tested to ASTM E162.

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK36933.htm>

AWS (American Welding Society)

Office: 550 N.W. LeJeune Road
Miami, FL 33126

Contact: Rosalinda O'Neill

Fax: (305) 443-5951

E-mail: roneill@aws.org

BSR/AWS D8.1M-2007 (R201x), Specification for Automotive Weld Quality-Resistance Spot Welding of Steel (reaffirmation of ANSI/AWS D8.1M-2007)

Stakeholders: Resistance Welding and Automotive communities.

Project Need: Currently the document exists in the first edition, and it is the feeling of the main committee that the document should be reaffirmed as it is currently written.

This document contains both visual and measurable acceptance criteria for resistance spot welds in steels. The information contained herein may be used as an aid by designers, resistance welding equipment manufacturers, welded product producers, and others involved in the automotive industry and resistance spot welding of steels.

CSA (CSA America, Inc.)

Office: 8501 East Pleasant Valley Rd.
Cleveland, OH 44131

Contact: Cathy Rake

Fax: (216) 520-8979

E-mail: cathy.rake@csagroup.org

* BSR Z21.20b No. 199-201x, Standard for Automatic Gas Ignition Systems and Components (same as CSA 2.22b) (addenda to ANSI Z21.20-2007 (R2012), Z21.20a-2010 (R2012))

Stakeholders: Consumers, Manufacturers, Gas Suppliers and Testing Agencies.

Project Need: Revise standard for safety.

This standard applies to:

- automatic burner ignition systems and components for the automatic control of burners for Oil;
- Natural gas;
- Manufactured gas;
- Mixed gas;
- Liquefied petroleum gas; or
- LP gas-air mixtures.

This standard is applicable to a complete burner ignition system, a separate programming unit, an oxygen depletion safety shutoff system and components.

ECA (Electronic Components Association)

Office: 2500 Wilson Blvd, Suite 310
Arlington, VA 22201-3834

Contact: Edward Mikoski

Fax: (703) 875-8908

E-mail: emikoski@eciaonline.org

BSR/EIA 364-63-201x, Accessory Thread Strength Test procedure for Circular Electrical Connectors (new standard)

Stakeholders: Electrical, electronics and military applications.

Project Need: To provide a new test standard that standardizes procedures currently contained in multiple military documents.

This test procedure establishes a test method to determine whether accessory thread strength and portion of the connector that accepts cable clamps and "J" adaptors shall be capable of withstanding established torque requirements.

BSR/EIA 972-201x, Specification for M12 Power Circular Connector (new standard)

Stakeholders: Electrical, electronics and telecommunications industry.

Project Need: Develop an industry standard for this type electronic connector.

This specification contains the connector types specified for M12 power circular connectors, typically used for automation applications and data/communications in industrial premises.

BSR/EIA 973-201x, Specification for M12 Hybrid (Data and Power) Circular Connector (new standard)

Stakeholders: Electrical, electronics and telecommunications industry.

Project Need: Develop an industry standard for this type electronic connector.

This specification contains the connector types specified for M12 hybrid (data and power) circular connectors, typically use for automation applications and data/communications in industrial premises.

EIA (ASC Z245) (Environmental Industry Associations)

Office: 4301 Connecticut Ave NW, ste 300
Washington, DC 20008

Contact: *Caija Owens*

Fax: (202) 966-4824

E-mail: cowens@wastec.org

* BSR Z245.21-201x, Equipment Technology and Operations for Wastes and Recyclable Materials - Stationary Compactors - Safety Requirements (revision of ANSI Z245.21-2008)

Stakeholders: Environmental sector, safety professionals, solid waste equipment manufacturers.

Project Need: Provide revision of requirements contained in ANSI Z245.21-2008. Many of the accidents involving stationary compactors can be prevented through incorporation of basic requirements in design and construction.

Provides safety requirements with respect to the design and construction of stationary compacting equipment covered by ANSI Z245.21-2008, Stationary Compactors - Safety Requirements. Provides requirements to minimize the risk of fire, electrical shock and injury to persons during operation and maintenance of stationary compacting equipment for use with wastes and recyclable materials by commercial businesses, apartment buildings, industrial plants, waste processing facilities, waste disposal and transfer industries, and recycling facilities.

ISA (ISA)

Office: 67 Alexander Drive
Research Triangle Park, NC 27709

Contact: *Eliana Brazda*

Fax: (919) 549-8288

E-mail: ebrazda@isa.org

BSR/ISA 12.12.01-201x, Nonincendive Electrical Equipment for Use in Class I and II, Division 2 and Class III, Divisions 1 and 2 Hazardous (Classified) Locations (revision of ANSI/ISA 12.12.01-2011)

Stakeholders: consumers, manufacturers, regulatory bodies.

Project Need: Modification of single clause in 6.1, addition of term, and addition of note in 15.3 to maintain consistency in requirements.

The purpose of this standard is to provide minimum requirements for the design, construction, and marking of electrical equipment or parts of such equipment for use in Class I and Class II, Division 2 and Class III, Divisions 1 and 2 hazardous (classified) locations.

NEMA (ASC C8) (National Electrical Manufacturers Association)

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

Contact: *Ryan Franks*

Fax: 703-841-3371

E-mail: ryan.franks@nema.org

BSR ICEA S-115-730-201x, Standard for Multi-Dwelling Unit (MDU) Optical Fiber Cable (new standard)

Stakeholders: Telecommunication service providers.

Project Need: A new application space for direct delivery of fiber optic cable to users in multiple dwelling units has been developed. This standard addresses the specific requirements applicable to cables used in this new space.

Multi Dwelling Unit (MDU) cables covered by this standard include two classes of cables defined by physical robustness to routing and stapling. The first class is described by a cable used for distribution and delivery of optical fiber from a demarcation point starting at a conventional optical fiber cable, optical fiber splitter or active optical device through duct or a similar protected structure. The second class, more often terminating at the customer electronics, is meant for stapling and routing in tight bends.

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

Office: PO Box 69
Minden, NV 89423

Contact: *Peter Axelson*

Fax: (775) 783-8823

E-mail: peter@beneficialdesigns.com

* BSR/RESNA CT-1-201x, Standard for Cognitive Technology - Volume 1: Universal Criteria for Cognitively Inclusive Technologies (new standard)

Stakeholders: People with cognitive impairment, caregivers, educators, and organizations representing the technical needs of persons with cognitive impairments, entities that establish coding guidelines and establish policy for the provision of cognitive technologies, manufacturers of cognitive devices, and researchers, designers, and test laboratories of cognitive devices.

Project Need: These standards affect people with cognitive impairment, i.e., Alzheimer's, attention disorder, autism, brain injury, cerebral palsy, Downs syndrome, learning disability, Parkinson's disease, and stroke; their caregivers and educators; and manufacturers of technology products they use. They are designed to increase accessibility of mainstream and assistive products for people with cognitive impairment, at different stages of development (children and the aging), and who have difficulty communicating.

The standard will establish requirements for the universal design of products used by people with cognitive impairment. Products include: Assistive technologies, Consumer technologies, and Household appliances. The standard is intended to increase but not ensure access to a variety of products. Designers shall use this guideline with any existing standards and accompanying test methods for their products. Attention to hardware devices will precede software.

TAPPI (Technical Association of the Pulp and Paper Industry)

Office: 15 Technology Parkway South
Norcross, GA 30092

Contact: Charles Bohanan

Fax: (770) 446-6947

E-mail: standards@tappi.org

BSR/TAPPI T 437 om-201x, Dirt in paper and paperboard (new standard)

Stakeholders: Manufacturers of pulp, paper, packaging, or related products, consumers or converters of such products, and suppliers of equipment, supplies, or raw materials for the manufacture of such products.

Project Need: To conduct required five-year review of an existing TAPPI standard in order to revise if needed to address new technology or correct errors.

This method is suited for the visual estimation of dirt in paper or paperboard in terms of equivalent black area. This method is a visual inspection method for the evaluation of the Equivalent Black Area (EBA) measurement of dirt in paper and paperboard.

TCIA (ASC A300) (Tree Care Industry Association)

Office: 136 Harvey Road, Suite 101
Londonderry, NH 3053

Contact: Robert Rouse

Fax: (603) 314-5386

E-mail: Rouse@tcia.org

* BSR A300 (Part 1)-201x, Tree Care Operations - Tree, Shrub, and Other Woody Plant Management - Standard Practices (Pruning) (revision of ANSI A300 (Part 1)-2008)

Stakeholders: Tree care industry, green industry, arborists, land care industry, landscape architects.

Project Need: To review and incorporate changes in industry standard practices, as appropriate, since the approval of the current standard. Harmonization with related industry standards will be considered.

A300 (Part 1) Pruning standards provides acceptable industry performance parameters and an industry standard specification writing guide for pruning of trees, shrubs, and other woody plants. It is a guide for utilities, federal, state, municipal, and private authorities including property owners and property managers.

TIA (Telecommunications Industry Association)

Office: 2500 Wilson Blvd.
Suite 300
Arlington, VA 22201

Contact: Teesha Jenkins

Fax: (703) 907-7727

E-mail: standards@tiaonline.org

BSR/TIA 102.AABF-C-1-201x, Link Control Word Formats and Messages - Addendum 1: Conventional Fallback (addenda to ANSI/TIA 102.AABF-C-2011)

Stakeholders: All trunked LMR equipment manufacturers.

Project Need: This addendum adds a message for Conventional Fallback Operation.

This addendum adds a message for Conventional Fallback Operation.

VITA (VMEbus International Trade Association (VITA))

Office: PO Box 19658
Fountain Hills, AZ 85269

Contact: John Rynearson

Fax: (480) 837-7486

E-mail: techdir@vita.com

BSR/VITA 75.0-201x, Rugged Small Form Factor - Base Standard (new standard)

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

Project Need: Create a standard for rugged small form factor subsystems.

To standardize Rugged Small Form Factor Subsystems.

BSR/VITA 75.11-201x, Rugged Small Form Factor - Subsystem I/O Interfaces (new standard)

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

Project Need: Create standards for front panels, including connectors, I/O signals, and power for VITA 75.0 standard.

To standardize Front Panels, including connectors, I/O signals, and power for VITA 75.0 (Rugged Small Form Factor) Subsystems.

BSR/VITA 75.20-201x, Rugged Small Form Factor - Cooled via Free Air Convection (new standard)

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

Project Need: Create standard mounting and cooling methods for 75.0 subsystems.

To standardize mounting and cooling for free air convection cooled VITA 75 (Rugged Small Form Factor).

BSR/VITA 75.22-201x, Rugged Small Form Factor - Cooled via Conduction to Cold Plate (new standard)

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

Project Need: Create standard mounting and cooling methods for conduction to a cold plate for 75.0 subsystems.

To standardize mounting and cooling for conduction to a cold plate cooled VITA 75 (Rugged Small Form Factor).

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.

AARST

American Association of Radon
Scientists and Technologists
P.O. Box 2109
Fletcher, NC 28732
Phone: (913) 780-2000
Fax: (913) 780-2090
Web: www.aarst.org

ABYC

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

AMCA

AMCA International, Inc.
30 West University Drive
Arlington Heights, IL 60004-1893
Phone: (847) 704-6295
Fax: (847) 253-0088
Web: www.amca.org

ASABE

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

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

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

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

ASTM

ASTM International
100 Barr Harbor Drive
West Conshohocken, PA 19428-2959
Phone: (610) 832-9743
Fax: (610) 834-3655
Web: www.astm.org

ATIS

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

AWS

American Welding Society
550 N.W. LeJeune Road
Miami, FL 33126
Phone: (305) 443-9353
Fax: (305) 443-5951
Web: www.aws.org

AWWA

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

CPA

Composite Panel Association
19465 Deerfield Ave, Suite 306
Leesburg, VA 20176
Phone: (703) 724-1128
Fax: (703) 724-1588

CSA

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

ECA

Electronic Components Association
2500 Wilson Blvd, Suite 310
Arlington, VA 22201-3834
Phone: (703) 907-8023
Fax: (703) 875-8908
Web: www.eia.org

EIA (ASC Z245)

Waste Equipment Technology
Association
4301 Connecticut Ave NW, ste 300
Washington, DC 20008
Phone: (202) 364-3750
Fax: (202) 966-4824
Web: www.envasns.org

FCI

Fluid Controls Institute
1300 Sumner Ave.
Cleveland, OH 44115
Phone: (216) 241-7333
Fax: (216) 241-0105
Web: www.fluidcontrolsinstitute.org

HL7

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

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

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

LEO

Leonardo Academy, Inc.
PO Box 5425
Madison, WI 53705
Phone: (608) 280-0255
Fax: (608) 255-7202
Web: www.leonardoacademy.org

MHI

Material Handling Industry
8720 Red Oak Blvd., Suite 201
Charlotte, NC 28217-3992
Phone: (704) 676-1190
Fax: (704) 676-1199
Web: www.mhia.org

NACE

NACE International, the Corrosion
Society
1440 South Creek Drive
Houston, TX 77084-4906
Phone: (281) 228-6287
Fax: (281) 228-6387
Web: www.nace.org

NECA

National Electrical Contractors
Association
3 Bethesda Metro Center Suite 1100
Bethesda, MD 20814
Phone: (301) 215-4549
Fax: 301-215-4500
Web: www.necanet.org

NEMA (ASC C8)

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

NSF

NSF International
789 N. Dixboro Road
Ann Arbor, MI 48105
Phone: (734) 769-5159
Fax: (734) 827-6176
Web: www.nsf.org

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

SDI (Canvass)

Steel Deck Institute, Inc.
9 Crystal Lake Road, Suite 140
Lake in the Hills, IL 60156
Phone: (847) 458-4647
Fax: (847) 458-4648
Web: www.sdi.org

TAPPI

Technical Association of the Pulp and
Paper Industry
15 Technology Parkway South
Norcross, GA 30092
Phone: (770) 209-7276
Fax: (770) 446-6947
Web: www.tappi.org

TCIA (ASC A300)

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

TechAmerica

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

TIA

Telecommunications Industry
Association
2500 Wilson Blvd.
Suite 300
Arlington, VA 22201
Phone: (703) 907-7706
Fax: (703) 907-7727
Web: www.tiaonline.org

UL

Underwriters Laboratories, Inc.
455 E Trimble Road
San Jose, CA 95131-1230
Phone: (408) 754-6684
Fax: (408) 754-6684
Web: www.ul.com/

VITA

VMEbus International Trade
Association (VITA)
PO Box 19658
Fountain Hills, AZ 85269
Phone: (480) 837-7486
Fax: (480) 837-7486
Web: www.vita.com/

WDMA

Window and Door Manufacturers
Association
401 N. Michigan Ave, Suite 2200
Chicago, IL 60611
Phone: (312) 673-5891
Web: www.nwwda.org



ISO & IEC Draft International Standards

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

Comments

Comments regarding ISO documents should be sent to Rachel Howenstine at ANSI's New York offices, those regarding IEC documents to Charles T. Zegers, also at ANSI New York offices. The final date for offering comments is listed after each draft.

Ordering Instructions

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

ISO Standards

AIRCRAFT AND SPACE VEHICLES (TC 20)

- ISO/DIS 13832, Aerospace - Wire, aluminum alloy and copper clad aluminum conductors - General performance requirements - 6/29/2012, \$58.00
- ISO/DIS 16126, Space systems - Assessment of survivability of unmanned spacecraft against space debris and meteoroid impacts to ensure successful post-mission disposal - 6/29/2012, \$71.00
- ISO/DIS 16404, Space systems - Programme management - Requirements management - 6/29/2012, \$62.00
- ISO/DIS 16698, Space environment (natural and artificial) - Methods for estimation of future geomagnetic activity - 6/29/2012, \$93.00

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

- ISO/DIS 16610-71, Geometrical product specifications (GPS) - Filtration - Part 71: Robust areal filters: Gaussian regression filters - 6/30/2012, \$71.00
- ISO/DIS 16610-85, Geometrical product specifications (GPS) - Filtration - Part 85: Areal morphological: Segmentation - 4/30/2012, \$77.00

GAS CYLINDERS (TC 58)

- ISO/DIS 11439, Gas cylinders - High pressure cylinders for the on-board storage of natural gas as a fuel for automotive vehicles - 3/30/2012, \$146.00

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

- ISO/DIS 15589-1, Petroleum, petrochemical and natural gas industries - Cathodic protection of pipeline systems - Part 1: On-land pipelines - 6/29/2012, \$146.00

MECHANICAL TESTING OF METALS (TC 164)

- ISO/DIS 14577-1, Metallic materials - Instrumented indentation test for hardness and materials parameters - Part 1: Test method - 6/30/2012, \$112.00
- ISO/DIS 14577-2, Metallic materials - Instrumented indentation test for hardness and materials parameters - Part 2: Verification and calibration of testing machines - 6/30/2012, \$88.00

- ISO/DIS 14577-3, Metallic materials - Instrumented indentation test for hardness and materials parameters - Part 3: Calibration of reference blocks - 6/30/2012, \$53.00

PERSONAL SAFETY - PROTECTIVE CLOTHING AND EQUIPMENT (TC 94)

- ISO/DIS 13994, Clothing for protection against liquid chemicals - Determination of the resistance of protective clothing materials to penetration by liquids under pressure - 6/29/2012, \$71.00
- ISO/DIS 17249, Safety footwear with resistance to chain saw cutting - 6/30/2012, \$62.00

PETROLEUM PRODUCTS AND LUBRICANTS (TC 28)

- ISO/DIS 4261, Petroleum products - Fuels (class F) - Specifications of gas turbine fuels for industrial and marine applications - 6/29/2012, \$67.00

PHOTOGRAPHY (TC 42)

- ISO/DIS 22028-2, Photography and graphic technology - Extended colour encodings for digital image storage, manipulation and interchange - Part 2: Reference output medium metric RGB colour image encoding (ROMM RGB) - 6/27/2012, \$77.00

PULLEYS AND BELTS (INCLUDING VEEBELTS) (TC 41)

- ISO/DIS 1081, Belt drives - V-belts and V-ribbed belts, and corresponding grooved pulleys - Vocabulary - 6/28/2012, \$71.00

ROAD VEHICLES (TC 22)

- ISO/DIS 6621-4, Internal combustion engines - Piston rings - Part 4: General specifications - 6/29/2012, \$102.00
- ISO/DIS 6624-2, Internal combustion engines - Piston rings - Part 2: Half keystone rings made of cast iron - 6/30/2012, \$77.00
- ISO/DIS 6624-4, Internal combustion engines - Piston rings - Part 4: Half keystone rings made of steel - 6/30/2012, \$82.00
- ISO/DIS 14229-5, Road vehicles - Unified diagnostic services (UDS) - Part 5: Unified diagnostic services on Internet Protocol implementation (UDSonIP) - 6/29/2012, \$62.00
- ISO/DIS 14230-2, Road vehicles - Diagnostic communication over K-Line (DoK-Line) - Part 2: Data link layer - 6/29/2012, \$125.00

STEEL (TC 17)

ISO/DIS 5950, Electrolytic tin-coated cold-reduced carbon steel sheet of commercial and drawing qualities - 6/28/2012, \$53.00

STERILIZATION OF HEALTH CARE PRODUCTS (TC 198)

ISO 13408-6/DAMd1, Aseptic processing of health care products - Part 6: Isolator systems - Draft Amendment 1 - 6/30/2012, \$33.00

THERMAL INSULATION (TC 163)

ISO 12570/DAMd1, Hygrothermal performance of building materials and products - Determination of moisture content by drying at elevated temperature - Draft Amendment 1 - 6/30/2012, \$29.00

TRANSPORT INFORMATION AND CONTROL SYSTEMS (TC 204)

ISO/DIS 15638-2, Intelligent transport systems - Framework for collaborative Telematics Applications for Regulated commercial freight Vehicles (TARV) - Part 2: Common platform parameters using CALM - 6/30/2012, \$134.00

ISO/IEC JTC 1, Information Technology

ISO/IEC 10646/DAMd1, Information technology - Universal Coded Character Set (UCS) - Draft Amendment 1: Linear A, Palmyrene, Manichaean, Khojki, Khudawadi, Bassa Vah, Duployan, and other characters - 6/27/2012, FREE

ISO/IEC 9594-1/DAMd2, Information technology - Open Systems Interconnection - The Directory: Overview of concepts, models and services - Draft Amendment 2: Communications support enhancements - 6/27/2012, FREE

ISO/IEC 9594-1/DAMd3, Information technology - Open Systems Interconnection - The Directory: Overview of concepts, models and services - Draft Amendment 3: IdM support - 6/27/2012, FREE

ISO/IEC 9594-2/DAMd2, Information technology - Open Systems Interconnection - The Directory: Models - Draft Amendment 2: Communication support enhancements - 6/27/2012, FREE

ISO/IEC 9594-2/DAMd3, Information technology - Open Systems Interconnection - The Directory: Models - Draft Amendment 3: IdM support - 6/27/2012, FREE

ISO/IEC 9594-3/DAMd2, Information technology - Open Systems Interconnection - The Directory: Abstract service definition - Draft Amendment 2: Communications support enhancements - 6/27/2012, FREE

ISO/IEC 9594-3/DAMd3, Information technology - Open Systems Interconnection - The Directory: Abstract service definition - Draft Amendment 3: IdM support - 6/27/2012, FREE

ISO/IEC 9594-4/DAMd2, Information technology - Open Systems Interconnection - The Directory: Procedures for distributed operation - Draft Amendment 2: Communications support enhancements - 6/27/2012, FREE

ISO/IEC 9594-5/DAMd2, Information technology - Open Systems Interconnection - The Directory: Protocol specifications - Draft Amendment 2: Communications support enhancements - 6/27/2012, FREE

ISO/IEC 9594-6/DAMd2, Information technology - Open Systems Interconnection - The Directory: Selected attribute types - Draft Amendment 2: Communications support enhancements - 6/27/2012, FREE

ISO/IEC 9594-6/DAMd3, Information technology - Open Systems Interconnection - The Directory: Selected attribute types - Draft Amendment 3: IdM support - 6/27/2012, FREE

ISO/IEC 9594-7/DAMd2, Information technology - Open Systems Interconnection - The Directory: Selected object classes - Draft Amendment 2: Communications support enhancements - 6/27/2012, FREE

ISO/IEC 9594-8/DAMd2, Information technology - Open Systems Interconnection - The Directory: Public-key and attribute certificate frameworks - Draft Amendment 2: Communications support enhancements - 6/27/2012, FREE

ISO/IEC 9594-8/DAMd3, Information technology - Open Systems Interconnection - The Directory: Public-key and attribute certificate frameworks - Draft Amendment 3: IdM support - 6/27/2012, FREE

ISO/IEC 9594-9/DAMd2, Information technology - Open Systems Interconnection - The Directory: Replication - Draft Amendment 2: Communications support enhancements - 6/27/2012, FREE

ISO/IEC 9995-2/DAMd1, Information technology - Keyboard layouts for text and office systems - Part 2: Alphanumeric section - Draft Amendment 1: Numeric keypad emulation - 6/27/2012, FREE

ISO/IEC DIS 18180, Information technology - Specification for the Extensible Configuration Checklist Description Format (XCCDF) Version 1.2 - 6/28/2012, FREE

ISO/IEC CD 9995-10, Information processing - Keyboard layouts for text and office systems - Part 10: Alphanumeric section - 6/27/2012, FREE

IEC Standards

2/1662/FDIS, IEC 60034-18-31 Ed.2: Rotating electrical machines - Part 18-31: Functional evaluation of insulation systems - Test procedures for form-wound windings - Thermal evaluation and classification of insulation systems used in rotating machines, 06/01/2012

22/200/FDIS, IEC 62477-1 Ed.1: Safety requirements for power electronic converter systems and equipment - Part 1: General, 06/01/2012

55/1320/FDIS, IEC 60317-60/Ed1: Specifications for particular types of winding wires - Part 60: Polyester glass fibre wound minimum class 155 resin or varnish impregnated or not impregnated, bare or enamelled, rectangular copper wire, temperature index 155, 06/01/2012

86C/1061/FDIS, IEC 61250-3/Ed1: Fibre optic active components and devices - Test and measurement procedures - Part 3: Optical power variation induced by mechanical disturbance in optical receptacles and transceiver interfaces, 06/01/2012

20/1367/FDIS, IEC 60287-3-2 Ed.2: Electric cables - Calculation of the current rating - Part 3-2: Sections on operating conditions - Economic optimization of power cable size, 05/25/2012

110/364/FDIS, IEC 61747-30-1: Liquid crystal display devices - Part 30-1: Measuring methods for liquid crystal display modules - Transmissive type, 05/25/2012

20/1367/FDIS, IEC 60287-3-2 Ed.2: Electric cables - Calculation of the current rating - Part 3-2: Sections on operating conditions - Economic optimization of power cable size, 05/25/2012

110/364/FDIS, IEC 61747-30-1: Liquid crystal display devices - Part 30-1: Measuring methods for liquid crystal display modules - Transmissive type, 05/25/2012

46/408/FDIS, IEC 62037-2 Ed. 1.0: Passive r.f. and microwave devices, Intermodulation level measurement - Part 2: Measurement of passive intermodulation in coaxial assemblies., 05/18/2012

46/409/FDIS, IEC 62037-5 Ed. 1.0: Passive r.f. and microwave devices, Intermodulation level measurement - Part 2: Measurement of passive intermodulation in filters, 05/18/2012

46/410/FDIS, IEC 62037-6 Ed. 1.0: Passive r.f. and microwave devices, Intermodulation level measurement - Part 6: Measurement of passive intermodulation in antennas, 05/18/2012

48B/2291/FDIS, IEC 60512-99-001 Ed 1.0: Connectors for electronic equipment - Tests and measurements - Part 99-001: Test schedule for engaging and separating connectors under electrical load - Test 99a: Connectors used in twisted pair communication cabling with remote power, 05/18/2012

- 59D/398/FDIS, IEC 60734 Ed.4: Household electrical appliances - Performance - Water for testing, 05/18/2012
- 65C/687/FDIS, IEC 62439-3 Ed.2.0: Industrial communication networks - High availability automation networks - Part 3: Parallel Redundancy Protocol (PRP) and High-availability Seamless Redundancy (HSR), 05/18/2012
- 66/462/FDIS, IEC 61010-2-091 Ed.1: Safety requirements for electrical equipment for measurement, control, and laboratory use - Part 2 -091: Particular requirements for cabinet x-ray systems, 05/18/2012
- 78/947/FDIS, IEC 60900 Ed.3: Live working - Hand tools for use up to 1 000 V a.c. and 1 500 V d.c., 05/18/2012
- 80/663/FDIS, IEC 62729 Ed.1: Maritime navigation and radiocommunication equipment and systems - Shipborne equipment for long-range identification and tracking (LRIT) - Performance requirements, 05/18/2012
- 116/89/FDIS, IEC: 60745-2-3-A2 Ed 2.0: Hand-held motor-operated electric tools - Safety - Part 2-3: Particular requirements for grinders, polishers and disk-type sanders, 05/18/2012
- CIS/A/994/FDIS, CISPR 16-1-5 Amd1: Amendment related to the introduction of Reference Site Method (RSM), 05/18/2012
- CIS/A/995/FDIS, CISPR 16-1-4 Amd.1 Ed.3: Introduction of reference site method (RSM), 05/18/2012
- CABPUB/62/FDIS, Final Draft ISO/IEC FDIS 17024: Conformity assessment - General requirements for bodies operating certification of persons, 05/04/2012



Newly Published ISO & IEC Standards

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

ISO Standards

AIRCRAFT AND SPACE VEHICLES (TC 20)

[ISO 26869:2012](#), Space systems - Small-auxiliary-spacecraft (SASC)-to-launch-vehicle interface control document, \$86.00

COSMETICS (TC 217)

[ISO 11930:2012](#), Cosmetics - Microbiology - Evaluation of the antimicrobial protection of a cosmetic product, \$98.00

DENTISTRY (TC 106)

[ISO 21672-1:2012](#), Dentistry - Periodontal probes - Part 1: General requirements, \$73.00

DIMENSIONAL AND GEOMETRICAL PRODUCT SPECIFICATIONS AND VERIFICATION (TC 213)

[ISO 25178-2:2012](#), Geometrical product specifications (GPS) - Surface texture: Areal - Part 2: Terms, definitions and surface texture parameters, \$149.00

MACHINE TOOLS (TC 39)

[ISO 23125/Amd1:2012](#), Machine tools - Safety - Turning machines - Amendment 1, \$16.00

MEDICAL DEVICES FOR INJECTIONS (TC 84)

[ISO 11608-1:2012](#), Needle-based injection systems for medical use - Requirements and test methods - Part 1: Needle-based injection systems, \$135.00

[ISO 11608-2:2012](#), Needle-based injection systems for medical use - Requirements and test methods - Part 2: Needles, \$92.00

OPTICS AND OPTICAL INSTRUMENTS (TC 172)

[ISO 12870:2012](#), Ophthalmic optics - Spectacle frames - Requirements and test methods, \$116.00

[ISO 19980:2012](#), Ophthalmic instruments - Corneal topographers, \$104.00

PHOTOGRAPHY (TC 42)

[ISO 18929:2012](#), Imaging materials - Wet-processed silver-gelatin type black-and-white photographic reflection prints - Specifications for dark storage, \$104.00

PLASTICS (TC 61)

[ISO 7214:2012](#), Cellular plastics - Polyethylene - Methods of test, \$73.00

ROAD VEHICLES (TC 22)

[ISO 13948-2:2012](#), Diesel engines - Fuel injection pumps and fuel injector low-pressure connections - Part 2: Non-threaded (push-on) connections, \$73.00

[ISO 15501-1:2012](#), Road vehicles - Compressed natural gas (CNG) fuel systems - Part 1: Safety requirements, \$73.00

RUBBER AND RUBBER PRODUCTS (TC 45)

[ISO 18852:2012](#), Rubber compounding ingredients - Determination of multipoint nitrogen surface area (NSA) and statistical thickness surface area (STSA), \$73.00

SHIPS AND MARINE TECHNOLOGY (TC 8)

[ISO 14859:2012](#), Ships and marine technology - Sound reception systems, \$73.00

TEXTILES (TC 38)

[ISO 3758:2012](#), Textiles - Care labelling code using symbols, \$104.00

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

[ISO 11040-6:2012](#), Prefilled syringes - Part 6: Plastic barrels for injectables, \$65.00

ISO Technical Reports

FASTENERS (TC 2)

[ISO/TR 16224:2012](#), Technical aspects of nut design, \$86.00

ISO/IEC JTC 1, Information Technology

[ISO/IEC 19794-2/Cor1:2012](#), Information technology - Biometric data interchange formats - Part 2: Finger minutiae data - Corrigendum 2, FREE

[ISO/IEC 19794-4/Cor1:2012](#), Information technology - Biometric data interchange formats - Part 4: Finger image data - Corrigendum 1, FREE

[ISO/IEC 19794-6/Cor1:2012](#), Information technology - Biometric data interchange formats - Part 6: Iris image data - Corrigendum 1, FREE

[ISO/IEC 19794-8/Cor1:2012](#), Information technology - Biometric data interchange formats - Part 8: Finger pattern skeletal data - Corrigendum 1, FREE

[ISO/IEC 21000-4/Amd2:2012](#), Information technology - Multimedia framework (MPEG-21) - Part 4: Intellectual Property Management and Protection Components - Amendment 2: Protection of presentation element, \$16.00

[ISO/IEC 15944-8:2012](#), Information technology - Business Operational View - Part 8: Identification of privacy protection requirements as external constraints on business transactions, \$235.00

IEC Standards

AUDIO, VIDEO AND MULTIMEDIA SYSTEMS AND EQUIPMENT (TC 100)

[IEC 62002-2 Ed. 2.0 b:2008](#), Mobile and portable DVB-T/H radio access - Part 2: Interface conformance testing, \$204.00

CAPACITORS AND RESISTORS FOR ELECTRONIC EQUIPMENT (TC 40)

[IEC 60384-19 Ed. 2.0 b:2006](#), Fixed capacitors for use in electronic equipment - Part 19: Sectional specification: Fixed metallized polyethylene-terephthalate film dielectric surface mount d.c. capacitors, \$117.00

DEPENDABILITY (TC 56)

[IEC 61164 Ed. 2.0 b:2004](#), Reliability growth - Statistical test and estimation methods, \$204.00

ELECTRICAL INSTALLATIONS OF BUILDINGS (TC 64)

[IEC 60364-7-709 Ed. 2.1 b:2012](#), Low-voltage electrical installations - Part 7-709: Requirements for special installations or locations - Marinas and similar locations, \$148.00

ELECTRICAL INSTALLATIONS OF SHIPS AND OF MOBILE AND FIXED OFFSHORE UNITS (TC 18)

[IEC 61892-SER Ed. 1.0 en:2012](#), Mobile and fixed offshore units - Electrical installations - ALL PARTS, FREE

[IEC 61892-2 Ed. 2.0 en:2012](#), Mobile and fixed offshore units - Electrical installations - Part 2: System design, \$250.00

[IEC 61892-3 Ed. 3.0 en:2012](#), Mobile and fixed offshore units - Electrical installations - Part 3: Equipment, \$204.00

ELECTRICAL MOTOR-OPERATED CLEANING APPLIANCES FOR INDUSTRIAL USE (TC 61J)

[IEC 60335-2-67 Ed. 4.0 b:2012](#), Household and similar electrical appliances - Safety - Part 2-67: Particular requirements for floor treatment machines, for commercial use, \$179.00

[IEC 60335-2-68 Ed. 4.0 b:2012](#), Household and similar electrical appliances - Safety - Part 2-68: Particular requirements for spray extraction machines, for commercial use, \$158.00

[IEC 60335-2-72 Ed. 3.0 en:2012](#), Household and similar electrical appliances - Safety - Part 2-72: Particular requirements for floor treatment machines with or without traction drive, for commercial use, \$204.00

ENVIRONMENTAL STANDARDIZATION FOR ELECTRICAL AND ELECTRONIC PRODUCTS AND SYSTEMS (TC 111)

[IEC 62474 Ed. 1.0 b:2012](#), Material declaration for products of and for the electrotechnical industry, \$204.00

FIBRE OPTICS (TC 86)

[IEC 62149-7 Ed. 1.0 b:2012](#), Fibre optic active components and devices - Performance standards - Part 7: 1 310-nm discrete vertical cavity surface emitting laser devices, \$143.00

[IEC 61755-3-6 Ed. 1.1 b:2012](#), Fibre optic connector optical interfaces - Part 3-6: Optical interface - 2,5 mm and 1,25 mm diameter cylindrical 8 degrees angled-PC composite ferrule using Cu-Ni-alloy as fibre surrounding material, single mode fibre, \$92.00

[IEC 61300-3-28 Ed. 2.0 b:2012](#), Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-28: Examinations and measurements - Transient loss, \$61.00

FLUIDS FOR ELECTROTECHNICAL APPLICATIONS (TC 10)

[IEC 61181 Ed. 2.1 b:2012](#), Mineral oil-filled electrical equipment - Application of dissolved gas analysis (DGA) to factory tests on electrical equipment, \$66.00

FUEL CELL TECHNOLOGIES (TC 105)

[IEC 62282-2 Ed. 2.0 b:2012](#), Fuel cell technologies - Part 2: Fuel cell modules, \$179.00

INDUSTRIAL PLUGS AND SOCKET-OUTLETS (TC 23H)

[IEC 60309-2 Amd.2 Ed. 4.0 b:2012](#), Amendment 2 - Plugs, socket-outlets and couplers for industrial purposes - Part 2: Dimensional interchangeability requirements for pin and contact-tube accessories, \$36.00

[IEC 60309-4 Amd.1 Ed. 1.0 b:2012](#), Amendment 1 - Plugs, socket-outlets and couplers for industrial purposes - Part 4: Switched socket-outlets and connectors with or without interlock, \$19.00

INDUSTRIAL-PROCESS MEASUREMENT AND CONTROL (TC 65)

[IEC/PAS 62734 Ed. 1.0 en:2012](#), Industrial communication networks - Fieldbus specifications - Wireless systems for industrial automation: process control and related applications, \$357.00

INSULATORS (TC 36)

[IEC/TR 62730 Ed. 1.0 en:2012](#), HV polymeric insulators for indoor and outdoor use tracking and erosion testing by wheel test and 5 000h test, \$97.00

LAMPS AND RELATED EQUIPMENT (TC 34)

[IEC 60432-2 Amd.2 Ed. 2.0 b:2012](#), Amendment 2 - Incandescent lamps - Safety specifications - Part 2: Tungsten halogen lamps for domestic and similar general lighting purposes, \$19.00

[IEC 60838-2-2 Amd.1 Ed. 1.0 b:2012](#), Amendment 1 - Miscellaneous lampholders - Part 2-2: Particular requirements - Connectors for LED-modules, \$19.00

MAGNETIC ALLOYS AND STEELS (TC 68)

[IEC 60404-11 Amd.2 Ed. 1.0 b:2012](#), Amendment 2 - Magnetic materials - Part 11: Method of test for the determination of surface insulation resistance of magnetic sheet and strip, \$21.00

OTHER

[CISPR 32 Ed. 1.0 b Cor.1:2012](#), Corrigendum 1 - Electromagnetic compatibility of multimedia equipment - Emission requirements, \$0.00

PERFORMANCE OF HOUSEHOLD ELECTRICAL APPLIANCES (TC 59)

[IEC 60704-2-6 Ed. 3.0 b:2012](#), Household and similar electrical appliances - Test code for the determination of airborne acoustical noise - Part 2-6: Particular requirements for tumble dryers, \$66.00

POWER SYSTEM CONTROL AND ASSOCIATED COMMUNICATIONS (TC 57)

[IEC 61850-SER Ed. 1.0 en:2012](#), Communication networks and systems in substations - ALL PARTS, \$3078.00

[IEC/TR 61850-7-510 Ed. 1.0 en:2012](#), Communication networks and systems for power utility automation - Part 7-510: Basic communication structure - Hydroelectric power plants - Modelling concepts and guidelines, \$250.00

SAFETY OF HOUSEHOLD AND SIMILAR ELECTRICAL APPLIANCES (TC 61)

[IEC 60335-2-3 Ed. 6.0 b:2012](#), Household and similar electrical appliances - Safety - Part 2-3: Particular requirements for electric irons, \$97.00

[IEC 60335-2-7 Ed. 7.1 b:2012](#), Household and similar electrical appliances - Safety - Part 2-7: Particular requirements for washing machines, \$286.00

[IEC 60335-2-17 Ed. 3.0 b:2012](#), Household and similar electrical appliances - Safety - Part 2-17: Particular requirements for blankets, pads, clothing and similar flexible heating appliances, \$204.00

[IEC 60335-2-23 Ed. 5.2 b:2012](#), Household and similar electrical appliances - Safety - Part 2-23: Particular requirements for appliances for skin or hair care, \$163.00

IEC Technical Specifications

ROTATING MACHINERY (TC 2)

[IEC/TS 60034-27-2 Ed. 1.0 en:2012](#), Rotating electrical machines - Part 27-2: On-line partial discharge measurements on the stator winding insulation of rotating electrical machines, \$204.00

Registration of Organization Names in the United States

The Procedures for Registration of Organization Names in the United States of America (document ISSB 989) require that alphanumeric organization names be subject to a 90-day Public Review period prior to registration. For further information, please contact the Registration Coordinator at (212) 642-4946.

The following is a list of alphanumeric organization names that have been submitted to ANSI for registration. Alphanumeric names appearing for the first time are printed in bold type. Names with confidential contact information, as requested by the organization, list only public review dates.

PUBLIC REVIEW

New York City Health and Hospital Corporation

Public Review: February 10 to May 6, 2012

NOTE: Challenged alphanumeric names are underlined. The Procedures for Registration provide for a challenge process, which follows in brief. For complete details, see Section 6.4 of the Procedures.

A challenge is initiated when a letter from an interested entity is received by the Registration Coordinator. The letter shall identify the alphanumeric organization name being challenged and state the rationale supporting the challenge. A challenge fee shall accompany the letter. After receipt of the challenge, the alphanumeric organization name shall be marked as challenged in the Public Review list. The Registration Coordinator shall take no further action to register the challenged name until the challenge is resolved among the disputing parties.

Proposed Foreign Government Regulations

Call for Comment

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

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

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

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

Withdrawal of Approval of ANSI/ASSE Z359.4-2012 as an ANS

(ANSI/ASSE Z359.4-2007 Remains in Effect)

The American Society of Safety Engineers (ASSE) announces the withdrawal of the newly approved revision ANSI/ASSE Z359.4-2012 Standard, "Safety Requirements for Assisted-Rescue and Self-Rescue Systems, Subsystems and Components". The standard has not yet been published and in light of this withdrawal the 2007 version of Z359.4 is still in effect. ASSE will announce an additional public review in Standards Action to address changes to the standard. Any questions or concerns should be directed to Tim Fisher at (847) 768-3411 (PHONE), (847) 296-9221 (FAX) or TFisher@ASSE.Org.

ANSI Accredited Standards Developers

Administrative Reaccreditation

American Welding Society (AWS)

At the direction of ANSI's Executive Standards Council (ExSC), the reaccreditation of the American Welding Society (AWS), an ANSI Organizational Member, has been administratively approved under its recently revised operating procedures for documenting consensus on AWS-sponsored American National Standards, effective April 3, 2012. For additional information, please contact: Ms. Annette Alonso, Director, National Standards Activities, Technical Services, American Welding Society, 550 NW LeJeune Road, Miami, FL 33126; phone: 800.443.9353 ext. 299; fax: 305.443.5951; Email: aalonso@aws.org.

Reaccreditation

Clinical and Laboratory Standards Institute (CLSI)

Comment Deadline: May 7, 2012

The Clinical and Laboratory Standards Institute (CLSI), an ANSI Organizational Member, has submitted revisions to its currently accredited operating policies and procedures for documenting consensus on proposed American National Standards, last reaccredited in April 2009. As the revisions appear to be substantive in nature, the reaccreditation process is initiated (the revisions are a wholesale rewrite/reorganization of the documents).

To obtain copies of CLSI's revised procedures or to offer comments, please contact: Ms. Luann Ochs, Vice President, Standards Development, Clinical Laboratory Standards Institute, 940 West Valley Road, Suite 1400, Wayne, PA 19087; phone: 484.588.5940; Email: loch@clsi.org. You may view/download a copy of the revisions during the public review period at the following URL:

<http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fPublic%20Review%20and%20Comment%2fANS%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d>. Please submit any public comments on the revised policies and procedures to CLSI by May 7, 2012, with a copy to the ExSC Recording Secretary in ANSI's New York Office (Email: Jthompso@ANSI.org).

IAPMO – Uniform Solar Energy and Hydronics Code (USEHC)

Beginning with the development of the 2015 edition, IAPMO's Uniform Solar Energy Code will expand to include hydronics provisions. The 2015 Uniform Solar Energy and Hydronics Code will provide the built industry with uniform solar standards resulting in a reduction in training costs, product development costs, and in price reductions for consumers. Additionally, this code will address sustainable energy sources and hydronics practices, and will serve to coalesce and integrate the hydronics industry. The 2015 USEHC will apply to the erection, installation, alteration, repair, relocation, replacement, addition to, use or maintenance of solar energy, geothermal and hydronics systems including but not limited to equipment and appliances intended for space heating or cooling; water heating; swimming pool heating or process heating; and snow and ice melt systems.

For those interested in serving on the committee or otherwise participating in the development of this code, please contact Lynne Simnick at Lynne.Simnick@iapmo.org or at 909-472-4110.

ANSI-ASQ National Accreditation Board

ISO 28000 Supply Chain Security Management Systems

Notice of Accreditation

Certification Body

Systems and Services Certification, a Division of SGS North America, Inc.

The ANSI-ASQ National Accreditation Board is pleased to announce that the following certification body has earned ANAB accreditation for ISO 28000 Supply Chain Security Management Systems:

Zachary Pivarnik

Systems and Services Certification, a Division of SGS North America, Inc.

Meadows Office Complex

201 Route 17 North

Rutherford, NJ 07070

www.us.sgs.com

Phone: 201-456-3221

E-mail: zachary.pivarnik@sgs.com

ANSI Accreditation Program for Greenhouse Gas Verification/Validation Bodies

Voluntarily Withdrawn

TÜV SÜD America, Inc.

Comment Deadline: May 7, 2012

TÜV SÜD America, Inc. on March 31, 2012.

Please send your comments by May 7, 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.

ANSI Accreditation Program for Third Party Product Certification Agencies

Scope Extension

Advanced Compliance Solutions, Inc.

Comment Deadline: May 7, 2012

Mr. Jeff Woods, Wireless Certification Engineer

Advanced Compliance Solutions, Inc

5015 B.U. Bowman Drive

Buford, GA 30518

Tel: 770-831-8048, ext. 232

Fax: 770-831-8598

E-mail: jwoods@acstestlab.com

www.acstestlab.com

Advanced Compliance Solutions, Inc, an ANSI-accredited certification body, has requested a scope extension to include the following:

EPA ENERGY STAR®

Commercial Food Service

Commercial Refrigerators/Freezers

Heating Cooling and Water Heating

Central AC & Air-source Heat Pumps

Dehumidifiers

Ventilating Fans

Geothermal Heat Pumps

Ceiling fans

Please send your comments by May 7, 2012 to Reinaldo Balbino Figueiredo, Senior Program Director, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: rfigueir@ansi.org, or Nikki Jackson, Program Manager, Product Certifier Accreditation, American National Standards Institute, 1899 L Street, NW, 11th Floor, Washington, DC 20036, Fax: 202-293-9287 or e-mail: njackson@ansi.org.

International Organization for Standardization (ISO)

New Work Item Proposal for a New ISO Standard
Glass Beads for Road Materials – Determination of Refractive Index using Secondary Rainbow Method

Comment Deadline: April 27, 2012

ISO's Committee on Consumer Policy has submitted to ISO a new work item proposal for a new ISO standard on "Glass beads for road materials – Determination of refractive index using secondary rainbow method" with the following scope statement:

To provide a procedure for determining the refractive index of glass beads for road materials such as road marking materials and reflective films using the secondary rainbow method.

Anyone wishing to review the new work item proposal can request a copy of the proposal by contacting ANSI's ISO Team via email: isot@ansi.org with submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, April 27, 2012.

Proposals for New Fields of ISO Technical Activity

Machines Used for the Preparation and Processing of Plastics and Rubber

Comment Deadline: April 23, 2012

The Standards Administration of Italy (UNI) has submitted to ISO a proposal for a new field of ISO technical activity on the subject of Plastic and rubber machines, with the following scope statement:

Standardization in the field of machines used for the preparation and processing of plastics and rubber. The proposed ISO/TC will be responsible for the international standardization of the detailed safety requirements for a particular machine or group of machines. Such requirements are applicable to the design and construction of machinery used in the plastics and rubber industry, defining hazards, hazardous situations and events.

Anyone wishing to review the new work item proposal can request a copy of the proposal by contacting ANSI's ISO Team via email: isot@ansi.org with submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, April 23, 2012.

RTS, Road Traffic Safety, Management Standards

Comment Deadline: April 13, 2012

The Standards Administration of Sweden (SIS) has submitted to ISO a proposal to convert ISO Project Committee 241 - Road Traffic Safety Management System into a new ISO technical committee with an expanded scope and work program. The proposed scope for this new ISO technical committee is:

Standardization in the field of RTS, Road traffic safety, management standards, needs, to be effective, to consist of (1) a requirement standard (which ISO 39001 will be), (2) RTS specific auditing requirements in third party certification, and (3) implementation and guidance documents

Anyone wishing to review the new work item proposal can request a copy of the proposal by contacting ANSI's ISO Team via email: isot@ansi.org with submission of comments to Steve Cornish (scornish@ansi.org) by close of business on Friday, April 13, 2012.

Meeting Notice

Correction

Blow Molding Safety Committee

The Blow Molding Safety Committee, sponsored by the Secretariat (SPI), will hold its next meeting on Thursday, June 14, 2012 at the Sheraton Airport Cleveland Hotel in Cleveland, OH. SPI is an ANSI-Accredited Standards developer, and the Blow Molding Safety Committee deals with the overall general safety requirements common to injection molding machines. The purpose of this meeting is to continue revising the SPI B151.31-201X – Safety Requirements for the Integration, Care and Use of Robots Used with Horizontal & Vertical Injection Molding Machines. This meeting is open to anyone with an interest in blow molding machine safety, particularly as it relates to integration, care and use of these machines, and who wishes to participate in standards development. If you have an interest in participating in any of these meetings or would like more information, please contact Melissa Hockstad at mhockstad@plasticsindustry.org or 202-974-5258.

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

Public Review Draft

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

Second Public Review (Independent Substantive
Change - March 2012) (Draft Shows Proposed
Changes to Current Standard)

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

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

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

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

© February 28, 2012. This draft is covered under ASHRAE copyright. Permission to reproduce or redistribute all or any part of this document must be obtained from the ASHRAE Manager of Standards, 1791 Tullie Circle, NE, Atlanta, GA 30329. Phone: 404-636-8400, Ext. 1125. Fax: 404-321-5478. E-mail: standards.section@ashrae.org.

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



Illuminating
ENGINEERING SOCIETY

BSR/ASHRAE/USGBC/IES Addendum z to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011, Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings Second Public Review Draft (Independent Substantive Change)

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

FOREWORD

The Department of Energy has defined minimum additional requirements for commercial refrigeration equipment in 10CFR Part 431 effective on 1/1/2012 as federal minimum efficiency requirements. This addendum adds these new requirements in Table C-16 in Appendix C, which covers efficiency requirements for commercial refrigeration equipment. The current Table C-13 for commercial refrigerators and freezers remains unchanged.

This second public review version of the addendum adds the requirements for open display cases, which were not allowed in the first public review draft. It also clarifies the requirements for field installed covers, curtains or doors on open display cases, which were not allowed in the first public review version. Finally, it includes changes to section 7.4.7.4, which were not included in the first public review version of the addendum.

Note to Reviewers: This public review draft makes proposed independent substantive changes to the previous public review draft. These changes are indicated in the text by underlining (for additions) and ~~striketrough~~ (for deletions) except where the reviewer instructions specifically describe some other means of showing the changes. Only these changes to the previous draft are open for review and comment at this time. Additional material is provided for context only and is not open for comment except as it relates to the proposed substantive changes.

Addendum – z to 189.1-2009

7.4.7.4 Commercial Refrigerators, Freezers, and Clothes Washers

- a. Commercial refrigerators and freezers shall comply with the minimum efficiencies in Table C-13 and C-15 in Normative Appendix C. Open refrigerated display cases ~~not covered by strips or curtains are prohibited.~~ shall be covered using field installed strips, curtains, or doors. Lighting loads, including all power supplies or ballasts, for commercial reach-in refrigerator/freezer display cases shall not exceed 42 watts per door for case doors up to 5 ft (1.5 m) in height and 46 watts per door for case doors greater than 5 ft (1.5 m) in height.
- b. Commercial clothes washers shall comply with the minimum efficiencies in Table C-14 in Normative Appendix C.

Add Table C-15 to Appendix C as follows:

BSR/ASHRAE/USGBC/IES Addendum z to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011,
Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings
Second Public Review Draft (Independent Substantive Change)

Table C-165 Commercial Refrigeration Minimum Efficiency Requirements (IP Units)

Equipment Type				Energy Use Limits (kWh/day) as of 1/1/2012 ^{ab}	Test Procedure
Equipment Class ^c	Family Code	Operating Mode	Rating Temperature		
VOP.RC.M	Vertical Open	Remote Condensing	Medium Temperature	$0.82 \times \text{TDA} + 4.07^d$	AHRI 1200
SVO.RC.M	Semivertical Open	Remote Condensing	Medium Temperature	$0.83 \times \text{TDA} + 3.18^d$	
HZO.RC.M	Horizontal Open	Remote Condensing	Medium Temperature	$0.35 \times \text{TDA} + 2.88^d$	
VOP.RC.L	Vertical Open	Remote Condensing	Low Temperature	Not allowed $0.35 \times \text{TDA} + 2.88^d$	
HZO.RC.L	Horizontal Open	Remote Condensing	Low Temperature	Not allowed $2.27 \times \text{TDA} + 6.85^d$	
VCT.RC.M	Vertical Transparent Door	Remote Condensing	Medium Temperature	$0.22 \text{ TDA} + 1.95$	
VCT.RC.L	Vertical Transparent Door	Remote Condensing	Low Temperature	$0.56 \times \text{TDA} + 2.61$	
SOC.RC.M	Service Over Counter	Remote Condensing	Medium Temperature	$0.51 \times \text{TDA} + 0.11$	
VOP.SC.M	Vertical Open	Self Contained	Medium Temperature	$1.74 \times \text{TDA} + 4.71^d$	
SVO.SC.M	Semivertical Open	Self Contained	Medium Temperature	$1.73 \times \text{TDA} + 4.59^d$	
HZO.SC.M	Horizontal Open	Self Contained	Medium Temperature	$0.77 \times \text{TDA} + 5.55^d$	
HZO.SC.L	Horizontal Open	Self Contained	Low Temperature	Not allowed $1.92 \times \text{TDA} + 7.08^d$	
VCT.SC.I	Vertical Transparent Door	Self Contained	Ice Cream	$0.67 \times \text{TDA} + 3.29$	
VCS.SC.I	Vertical Solid Door	Self Contained	Ice Cream	$0.38 \times \text{V} + 0.88$	
HCT.SC.I	Horizontal Transparent Door	Self Contained	Ice Cream	$0.56 \times \text{TDA} + 0.43$	
SVO.RC.L	Semivertical Open	Remote Condensing	Low Temperature	Not allowed $2.27 \times \text{TDA} + 6.85^d$	
VOP.RC.I	Vertical Open	Remote Condensing	Ice Cream	Not allowed $2.89 \times \text{TDA} + 8.7^d$	
SVO.RC.I	Semivertical Open	Remote Condensing	Ice Cream	Not allowed $2.89 \times \text{TDA} + 8.7^d$	
HZO.RC.I	Horizontal Open	Remote Condensing	Ice Cream	Not allowed $0.72 \times \text{TDA} + 8.74^d$	
VCT.RC.I	Vertical Transparent Door	Remote Condensing	Ice Cream	$0.66 \times \text{TDA} + 3.05$	
HCT.RC.M	Horizontal Transparent Door	Remote Condensing	Medium Temperature	$0.16 \times \text{TDA} + 0.13$	
HCT.RC.L	Horizontal Transparent Door	Remote Condensing	Low Temperature	$0.34 \times \text{TDA} + 0.26$	
HCT.RC.I	Horizontal Transparent Door	Remote Condensing	Ice Cream	$0.4 \times \text{TDA} + 0.31$	
VCS.RC.M	Vertical Solid Door	Remote Condensing	Medium Temperature	$0.11 \times \text{V} + 0.26$	
VCS.RC.L	Vertical Solid Door	Remote Condensing	Low Temperature	$0.23 \times \text{V} + 0.54$	
VCS.RC.I	Vertical Solid Door	Remote Condensing	Ice Cream	$0.27 \times \text{V} + 0.63$	
HCS.RC.M	Horizontal Solid Door	Remote Condensing	Medium Temperature	$0.11 \times \text{V} + 0.26$	
HCS.RC.L	Horizontal Solid Door	Remote Condensing	Low Temperature	$0.23 \times \text{V} + 0.54$	
HCS.RC.I	Horizontal Solid Door	Remote Condensing	Ice Cream	$0.27 \times \text{V} + 0.63$	

BSR/ASHRAE/USGBC/IES Addendum z to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011,
Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings
Second Public Review Draft (Independent Substantive Change)

Table C-165 Commercial Refrigeration Minimum Efficiency Requirements (IP Units)

Equipment Type				Energy Use Limits (kWh/day) as of 1/1/2012 ^{ab}	Test Procedure
Equipment Class ^c	Family Code	Operating Mode	Rating Temperature		
HCS.RC.I	Horizontal Solid Door	Remote Condensing	Ice Cream	$0.27 \times V + 0.63$	AHRI 1200
SOC.RC.L	Service Over Counter	Remote Condensing	Low Temperature	$1.08 \times TDA + 0.22$	
SOC.RC.I	Service Over Counter	Remote Condensing	Ice Cream	$1.26 \times TDA + 0.26$	
VOP.SC.L	Vertical Open	Self Contained	Low Temperature	Not allowed $4.37 \times$ $TDA + 11.82^d$	
VOP.SC.I	Vertical Open	Self Contained	Ice Cream	Not allowed $5.55 \times$ $TDA + 15.02^d$	
SVO.SC.L	Semivertical Open	Self Contained	Low Temperature	Not allowed $4.34 \times$ $TDA + 11.51^d$	
SVO.SC.I	Semivertical Open	Self Contained	Ice Cream	Not allowed $5.52 \times$ $TDA + 14.63^d$	
HZO.SC.I	Horizontal Open	Self Contained	Ice Cream	Not allowed $2.44 \times$ $TDA + 9.0^d$	
SOC.SC.I	Service Over Counter	Self Contained	Ice Cream	$1.76 \times TDA + 0.36$	
HCS.SC.I	Horizontal Solid Door	Self Contained	Ice Cream	$0.38 \times V + 0.88$	

^a V (ft³) is the volume of the case, as measured in AHRI Standard 1200, Appendix C

^b TDA (ft²) is the total display area of the case, as measured in the AHRI Standard 1200, Appendix D

^c Equipment class designations consist of a combination (in sequential order separated by periods (AAA).(BB).(C) of:

(AAA) An equipment family code (VOP=vertical open, SVO=semi-vertical open, HZO=horizontal open, VCT=vertical transparent doors, VCS=vertical solid doors, HCT=horizontal transparent doors, HCS=horizontal solid doors, or SOC=service over counter);

(BB) An operating mode code (RC=remote condensing or SC=self contained); and

(CC) A rating temperature code (M=medium temperature (38 °F), L=low temperature (0 °F), or I=ice-cream temperature (15 °F)). For example, “VOP.RC.M” refers to the “vertical open, remote condensing, medium temperature” equipment class.

^d Open refrigerated display cases ratings are without covers, but must shall be covered by field installed strips, or curtains, or doors and are not allowed on low temperature and ice cream display cases.

BSR/ASHRAE/USGBC/IES Addendum z to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011,
Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings
Second Public Review Draft (Independent Substantive Change)

Table C-165 Commercial Refrigeration Minimum Efficiency Requirements (SI Units)

Equipment Type				Energy Use Limits (kWh/day) as of 1/1/2012 ^{ab}	Test Procedure
Equipment Class ^c	Family Code	Operating Mode	Rating Temperature		
VOP.RC.M	Vertical Open	Remote Condensing	Medium Temperature	$8.83 \times \text{TDA} + 4.07^d$	AHRI 1200
SVO.RC.M	Semivertical Open	Remote Condensing	Medium Temperature	$8.93 \times \text{TDA} + 3.18^d$	
HZO.RC.M	Horizontal Open	Remote Condensing	Medium Temperature	$3.77 \times \text{TDA} + 2.88^d$	
VOP.RC.L	Vertical Open	Remote Condensing	Low Temperature	Not allowed $3.77 \times \text{TDA} + 2.88^d$	
HZO.RC.L	Horizontal Open	Remote Condensing	Low Temperature	Not allowed $24.43 \times \text{TDA} + 6.85^d$	
VCT.RC.M	Vertical Transparent Door	Remote Condensing	Medium Temperature	$2.37 \text{ TDA} + 1.95$	
VCT.RC.L	Vertical Transparent Door	Remote Condensing	Low Temperature	$6.03 \times \text{TDA} + 2.61$	
SOC.RC.M	Service Over Counter	Remote Condensing	Medium Temperature	$5.49 \times \text{TDA} + 0.11$	
VOP.SC.M	Vertical Open	Self Contained	Medium Temperature	$18.73 \times \text{TDA} + 4.71^d$	
SVO.SC.M	Semivertical Open	Self Contained	Medium Temperature	$18.62 \times \text{TDA} + 4.59^d$	
HZO.SC.M	Horizontal Open	Self Contained	Medium Temperature	$8.29 \times \text{TDA} + 5.55^d$	
HZO.SC.L	Horizontal Open	Self Contained	Low Temperature	Not allowed $20.67 \times \text{TDA} + 7.08^d$	
VCT.SC.I	Vertical Transparent Door	Self Contained	Ice Cream	$7.21 \times \text{TDA} + 3.29$	
VCS.SC.I	Vertical Solid Door	Self Contained	Ice Cream	$13.42 \times \text{V} + 0.88$	
HCT.SC.I	Horizontal Transparent Door	Self Contained	Ice Cream	$6.03 \times \text{TDA} + 0.43$	
SVO.RC.L	Semivertical Open	Remote Condensing	Low Temperature	Not allowed $24.43 \times \text{TDA} + 6.85^d$	
VOP.RC.I	Vertical Open	Remote Condensing	Ice Cream	Not allowed $31.10 \times \text{TDA} + 8.7^d$	
SVO.RC.I	Semivertical Open	Remote Condensing	Ice Cream	Not allowed $31.11 \times \text{TDA} + 8.7^d$	
HZO.RC.I	Horizontal Open	Remote Condensing	Ice Cream	Not allowed $7.75 \times \text{TDA} + 8.74^d$	
VCT.RC.I	Vertical Transparent Door	Remote Condensing	Ice Cream	$7.10 \times \text{TDA} + 3.05$	
HCT.RC.M	Horizontal Transparent Door	Remote Condensing	Medium Temperature	$1.72 \times \text{TDA} + 0.13$	
HCT.RC.L	Horizontal Transparent Door	Remote Condensing	Low Temperature	$3.66 \times \text{TDA} + 0.26$	
HCT.RC.I	Horizontal Transparent Door	Remote Condensing	Ice Cream	$4.31 \times \text{TDA} + 0.31$	
VCS.RC.M	Vertical Solid Door	Remote Condensing	Medium Temperature	$3.88 \times \text{V} + 0.26$	
VCS.RC.L	Vertical Solid Door	Remote Condensing	Low Temperature	$8.12 \times \text{V} + 0.54$	
VCS.RC.I	Vertical Solid Door	Remote Condensing	Ice Cream	$9.53 \times \text{V} + 0.63$	
HCS.RC.M	Horizontal Solid Door	Remote Condensing	Medium Temperature	$3.88 \times \text{V} + 0.26$	
HCS.RC.L	Horizontal Solid Door	Remote Condensing	Low Temperature	$8.12 \times \text{V} + 0.54$	
HCS.RC.I	Horizontal Solid Door	Remote Condensing	Ice Cream	$9.53 \times \text{V} + 0.63$	

BSR/ASHRAE/USGBC/IES Addendum z to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011,
Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings
Second Public Review Draft (Independent Substantive Change)

Table C-165 Commercial Refrigeration Minimum Efficiency Requirements (SI Units)

Equipment Type				Energy Use Limits (kWh/day) as of 1/1/2012 ^{ab}	Test Procedure
Equipment Class ^c	Family Code	Operating Mode	Rating Temperature		
HCS.RC.I	Horizontal Solid Door	Remote Condensing	Ice Cream	$9.53 \times V + 0.63$	AHRI 1200
SOC.RC.L	Service Over Counter	Remote Condensing	Low Temperature	$11.63 \times TDA + 0.22$	
SOC.RC.I	Service Over Counter	Remote Condensing	Ice Cream	$13.56 \times TDA + 0.26$	
VOP.SC.L	Vertical Open	Self Contained	Low Temperature	Not allowed $4.37 \times$ $TDA + 11.82^d$	
VOP.SC.I	Vertical Open	Self Contained	Ice Cream	Not allowed $5.55 \times$ $TDA + 15.02^d$	
SVO.SC.L	Semivertical Open	Self Contained	Low Temperature	Not allowed $4.34 \times$ $TDA + 11.51^d$	
SVO.SC.I	Semivertical Open	Self Contained	Ice Cream	Not allowed $5.52 \times$ $TDA + 14.63^d$	
HZO.SC.I	Horizontal Open	Self Contained	Ice Cream	Not allowed $2.44 \times$ $TDA + 9.0^d$	
SOC.SC.I	Service Over Counter	Self Contained	Ice Cream	$18.94 \times TDA + 0.36$	
HCS.SC.I	Horizontal Solid Door	Self Contained	Ice Cream	$13.42 \times V + 0.88$	

^a V (m³) is the volume of the case, as measured in AHRI Standard 1200, Appendix C

^b TDA (m²) is the total display area of the case, as measured in the AHRI Standard 1200, Appendix D

^c Equipment class designations consist of a combination (in sequential order separated by periods (AAA).(BB).(C) of:

(AAA) An equipment family code (VOP=vertical open, SVO=semi-vertical open, HZO=horizontal open, VCT=vertical transparent doors, VCS=vertical solid doors, HCT=horizontal transparent doors, HCS=horizontal solid doors, or SOC=service over counter);

(BB) An operating mode code (RC=remote condensing or SC=self contained); and

(CC) A rating temperature code (M=medium temperature (3 °C), L=low temperature (-18 °C), or I=ice-cream temperature (-9 °C)). For example, “VOP.RC.M” refers to the “vertical open, remote condensing, medium temperature” equipment class.

^d Open refrigerated display cases ratings are without covers, but must shall be covered by field installed strips, or curtains, or doors and are not allowed on low temperature and ice cream display cases.

BSR/ASHRAE/USGBC/IES Addendum z to ANSI/ASHRAE/USGBC/IES Standard 189.1-2011,
Standard for the Design of High-Performance Green Buildings Except Low-Rise Residential Buildings
Second Public Review Draft (Independent Substantive Change)

2- Add reference in chapter 11 under Air-Conditioning, Heating, and Refrigeration Institute

Air-Conditioning, Heating, and Refrigeration Institute (AHRI)
2111 Wilson Blvd, Suite 500
Arlington, VA 22201
1-703-524-8800; www.ahrinet.org

AHRI1200-2010

Performance Rating of Commercial Refrigerated Display
Merchandisers and Storage Cabinets

Appendix C

This SP-5230-1 30-day ballot represents changes that were submitted on SP-5230 dated 1 July 2011 to EIA-364-50A dated July 1998

Change clause 3.1.3

FROM:

3.1.3 For each test carried out, the referencing document shall specify the condition of the test specimen, e.g., operated or nonoperated, mated or unmated.

TO:

3.1.3 For each test carried out, the referencing document shall specify the condition of the test specimen, e.g., operated or nonoperated, mated or unmated, **sample orientation relative to settling dust.**

Change clause 4.3, Step 1

FROM:

Step 1 - Set the chamber controls to maintain an internal chamber temperature of $23\text{ }^{\circ}\text{C} \pm 5\text{ }^{\circ}\text{C}$ ($73\text{ }^{\circ}\text{F} \pm 9\text{ }^{\circ}\text{F}$) and a relative humidity of less than 22%. Adjust the air velocity to 9 meters per second \square 1 meter per second (1,750 feet per minute \square 250 feet per minute). Adjust the dust feeder to control the dust concentration to 11 grams per cubic meter \square 7 grams per cubic meter (0.3 grams per cubic foot \square 0.2 grams per cubic foot). With the test specimen nonoperating, maintain these conditions for 6 hours.

TO:

Step 1 - Set the chamber controls to maintain an internal chamber temperature of $23\text{ }^{\circ}\text{C} \pm 5\text{ }^{\circ}\text{C}$ ($73\text{ }^{\circ}\text{F} \pm 9\text{ }^{\circ}\text{F}$) and a relative humidity of less than 22%. Adjust the air velocity to 9 meters per second \square \pm 1 meter per second (1,750 feet per minute \square \pm 250 feet per minute). Adjust the dust feeder to control the dust concentration to 11 grams per cubic meter \pm 7 grams per cubic meter (0.3 grams per cubic foot \pm 0.2 grams per cubic foot). With the test specimen nonoperating, maintain these conditions for 6 hours.

EIA SP-5230-1
7 NOV 2011

TP 50B Changes SP-5230 7nov11

Change clause 4.3, Step 3

FROM:

Step 3 - While holding chamber temperature at $63\text{ }^{\circ}\text{C} \pm 5\text{ }^{\circ}\text{C}$ ($145\text{ }^{\circ}\text{F} \pm 9\text{ }^{\circ}\text{F}$) adjust the air velocity to 9 meters per second \pm 1 meter per second (1,750 feet per minute \pm 250 feet per minute). Adjust the dust feeder control the dust concentration to 11 grams per cubic meter \pm 7 grams per cubic meter (0.3 gram per cubic foot \pm 0.2 gram per cubic foot. Unless otherwise specified in the referencing document, with the test specimen nonoperating, maintain these conditions for 6 hours.

TO:

Step 3 - While holding chamber temperature at $63\text{ }^{\circ}\text{C} \pm 5\text{ }^{\circ}\text{C}$ ($145\text{ }^{\circ}\text{F} \pm 9\text{ }^{\circ}\text{F}$) adjust the air velocity to 9 meters per second \pm 1 meter per second (1,750 feet per minute \pm 250 feet per minute). Adjust the dust feeder **to** control the dust concentration to 11 grams per cubic meter \pm 7 grams per cubic meter (0.3 gram per cubic foot \pm 0.2 gram per cubic foot. Unless otherwise specified in the referencing document, with the test specimen nonoperating, maintain these conditions for 6 hours.

Not for publication. This draft text is for circulation for approval by the Joint Committee on Drinking Water Additives – Treatment Components and has not been published or otherwise officially promulgated. All rights reserved. This document may be reproduced for informational purposes only.

[Note – the changes are seen below using strikeout for removal of old text and gray highlights to show the suggested text. ONLY the highlighted text is within the scope of this ballot.]

NSF/ANSI Standard for Drinking Water Treatment Chemicals– Health Effects

.
.
.

Annex B (normative)

Sampling, preparation, and analysis of samples

.
.
.

B.3 Preparation of samples

.
.
.

B.3.4 Method C

This method shall be used for calcium carbonate, calcium hydroxide, calcium oxide, magnesium carbonate hydroxide, and magnesium oxide.

The following procedure shall be followed for sample preparation to this method:

- a) Sample pulverization shall be performed as follows:
 - 1) Crush approximately 125 g of sample to pass a No. 100 U.S. Standard Sieve, using a nonmetallic crusher such as an acid-washed glass mortar and pestle.
 - 2) Mix thoroughly and store in an airtight, moisture-proof container.
- b) Pipette 20 mL of organic-free deionized water into 500 mL beaker.
- c) Place the beaker on 60 °C (140 °F) hot plate and add stir bar.
- d) Slowly add 10 times the maximum use dose of the test sample.

Formula:

$$\begin{array}{ccccccc}
 \text{mg/L} & \times & 10 & \times & \text{required volume of} & = & \text{mg} \\
 & & & & \text{sample solution (L)} & & \\
 \text{(maximum use} & & \text{(multiple} & & & & \text{(amount sample to} \\
 \text{dose)} & & \text{factor)} & & & & \text{be weighed)}
 \end{array}$$

Tracking number 60i55r1
© 2012 NSF

Revision to NSF/ANSI 60 – 2011
Issue 55 Revision 1 (March 2012)

Not for publication. This draft text is for circulation for approval by the Joint Committee on Drinking Water Additives – Treatment Components and has not been published or otherwise officially promulgated. All rights reserved. This document may be reproduced for informational purposes only.

- e) Mix thoroughly to include all of pulverized sample, making a paste. If the sample spatters, remove from hot plate.
- f) When paste has a smooth, homogeneous consistency, remove from hot plate.
- g) While stirring, slowly add 325 mL of 82 °C (180 °F) organic-free deionized water.
- h) Cool to room temperature.
- i) Filter through GF/C filter under vacuum into 500 mL beaker.
- j) Add 10 mL of 1 M sodium carbonate solution and stir for 5 minutes. Quantitatively transfer this solution into a second filter apparatus and filter again through a GF/C filter.
- k) j) Using a 3 mL plastic, disposable, pipette, adjust the pH with 1:4 nitric acid (HNO₃) until it remains between 1.8 and 2.0 for 5 min.
- l) k) Quantitatively transfer to 1000 mL (1 L) volumetric flask and dilute to volume with dilute nitric acid (1:20, HNO₃:water) solution.

Reason: Additional step added per discussion at the 2011 annual DWA-TC Joint Committee Meeting (November 30, 2011) to reflect actual use conditions in water treatment.

This document is part of the NSF International standard development process. This document is subject to change and may be a draft and/or non-final version. Committee members may reproduce, quote from, and/or circulate this document to persons or entities outside of their organization after first providing NSF International with written notice of to whom and for what purpose this document is to be shared.

Sustainability assessment for carpet

-
-
-

2 Normative references and tools

The following documents contain provisions that, through reference, constitute provisions of this NSF/ANSI Standard. At the time this Standard was balloted, the editions listed below were valid. All documents are subject to revision, and parties are encouraged to investigate the possibility of applying the recent editions of the documents indicated below.

2.1 Normative references

American Association of Textile Chemists and Colorists (AATCC) Test Method 134-2006, Electrostatic Propensity of Carpets¹

American Association of Textile Chemists and Colorists (AATCC) Test Method 16-2004 Colorfastness to Light¹

ASTM International (ASTM) D5252-05, Standard Practice for the Operation of the Hexapod Drum Tester²

ASTM International (ASTM) D1335-05, Standard Test Method for Tuft Bind of Pile Yarn Floor Coverings²

ASTM International (ASTM) D3936-05, Standard Test Method for Resistance to Delamination of the Secondary Backing of Pile Yarn Floor Covering²

ASTM International (ASTM) E648-06a, Standard Test Method for Critical Radiant Flux of Floor-Covering Systems Using a Radiant Heat Energy Source²

ASTM International (ASTM) E662-06, Standard Test Method for Specific Optical Density of Smoke Generated by Solid Materials²

Carpet America Recovery Effort (CARE)³

Carpet and Rug Institute (CRI) Carpet Installation Standard 104⁴

Carpet and Rug Institute (CRI) Carpet Maintenance Guidelines for Commercial Applications⁶⁴

Carpet and Rug Institute (CRI) Green Label Plus Program⁵⁴

Carpet and Rug Institute (CRI) Test Method – 101 Technical Bulletin, Assessment of Carpet Surface Appearance Change using the CRI Reference Scales, Revision 7-03⁶⁴

¹ AATCC, PO Box 12215 Research Triangle Park, NC 27709. <www.aatcc.org>

² ASTM International, 100 Barr Harbor Drive, West Conshohocken, PA 19428-2959. <www.astm.org>

³ Carpet America Recovery Effort, 730 College Drive, Dalton, GA 30720 <www.carpetrecovery.org>

⁴ The Carpet and Rug Institute, 730 College Drive, Dalton, GA 30720 <www.carpet-rug.org>

⁵⁴ <www.carpet-rug.org/about/cri/cri-signature-programs>

Tracking #140i12r2
© 2012 NSF International

Revision to NSF/ANSI 140 – 2010
Issue 12, Revision 2 (March 2012)

This document is part of the NSF International standard development process. This document is subject to change and may be a draft and/or non-final version. Committee members may reproduce, quote from, and/or circulate this document to persons or entities outside of their organization after first providing NSF International with written notice of to whom and for what purpose this document is to be shared.

Department of Commerce (DOC) FF 1-70, Surface Flammability of Carpets and Rugs-Methenamine Pill Test, 16 CFR Part 1630⁶⁴

Federal Trade Commission (FTC) Environmental Marketing Guides⁷

Federal Trade Commission (FTC) Guides for the Use of Environmental Marketing Claims, 16 CFR 260⁸⁷

Green-e Renewable Electricity Certification Program⁹

International Organization for Standardization (ISO) 9001: 2000, Quality management systems – Requirements¹⁰

International Organization for Standardization (ISO) 14001: 2004, Environmental management systems – Requirements with guidance for use¹⁰

International Organization for Standardization (ISO) 14021:1999, Environmental labels and declarations – Self-declared environmental claims (Type II environmental labelling)¹⁰

International Organization for Standardization (ISO) 14040:2006, Environmental management – Life cycle assessment – Principles and framework¹⁰

International Organization for Standardization (ISO) 14041: 1998, Environmental management – Life cycle assessment – Goal and scope definition and inventory analysis¹⁰

~~International Organization for Standardization (ISO) 14042: 2000, Environmental management – Life cycle assessment – Life cycle impact assessment¹²~~

Reason: This Standard was withdrawn and revised by ISO 14040 and ISO 14044.

International Organization for Standardization (ISO) 14044: 2006, Environmental management – Life cycle assessment – Requirements and guidelines¹⁰

International Organization for Standardization (ISO) 14047: 2003, Environmental management – Life cycle impact assessment – Examples of application of ISO 14042¹⁰

International Organization for Standardization (ISO) 14048: 2002, Environmental management – Life cycle assessment – Data documentation format¹⁰

National Institute of Standards and Technology (NIST), Building for Environmental and Economic Sustainability (BEES)¹¹

~~State of California CA/DHS/EHLB/R 174, Standard Practice for the Testing of Volatile Organic Emissions from Various Sources Using Small-Scale Environmental Chambers California Department of Public Health Standard Method for the Testing and Evaluation of Volatile Organic~~

⁶ <www.access.gpo.gov/nara/cfr/waisidx_04/16cfr1630_04.html>

⁷ www.ftc.gov/bcp/online/pubs/buspubs/greenguides.htm FTC 600 Pennsylvania Ave, NW, Washington DC 20580 <www.ftc.gov>

⁸ <www.ftc.gov/os/1996/10/16cfr260.htm>

⁹ Green-e c/o Center for Resource Solutions PO Box 29512, San Francisco, CA 94129 <www.green-e.org>

¹⁰ International Organization for Standardization (ISO), 1 ch. de la Voie-Creuse, Case postale 56, CH-1211 Geneva 20, Switzerland. <www.iso.org>

¹¹ National Institute of Standards and Technology (NIST) 100 Bureau Drive, Stop 1070, Gaithersburg, MD 20899-1070 <www.nist.gov>

Tracking #140i12r2
© 2012 NSF International

Revision to NSF/ANSI 140 – 2010
Issue 12, Revision 2 (March 2012)

This document is part of the NSF International standard development process. This document is subject to change and may be a draft and/or non-final version. Committee members may reproduce, quote from, and/or circulate this document to persons or entities outside of their organization after first providing NSF International with written notice of to whom and for what purpose this document is to be shared.

Chemical Emissions from Indoor Sources Using Environmental Chambers, Version 1.1, February 2010 (also known as Specification 01350.).¹²

State of California Office of Environmental Health Hazard Assessment (OEHHA), Indoor Reference Exposure Levels (REL)¹³

Stockholm Convention on Persistent Organic Pollutants (POPs)¹⁴

U.S. Environmental Protection Agency (USEPA) Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)¹⁵

U.S. Environmental Protection Agency (USEPA), Great Lakes Pollution Prevention and Toxics Reduction, Level I Substances¹⁶

~~U.S. Environmental Protection Agency (USEPA) National Environmental Performance Track¹⁷~~

U.S. Environmental Protection Agency (USEPA) Resource Conservation and Recovery Act (RCRA)¹⁸

U.S. Environmental Protection Agency (USEPA), Superfund Amendments and Reauthorization Act (SARA) Title III Toxic Release Inventory (TRI) Emissions¹⁹

U.S. Environmental Protection Agency (USEPA) Tool for the Reduction and Assessment of Chemical and Other Environmental Impacts (TRACI)²⁰

2.2 — Informational references

Reason: All informational references will be moved to an informational annex at the end of the standard.

Alliance for Sustainability²¹

¹² CalRecycle, 801 K Street, MS 19-01, Sacramento, CA 95814

<<http://www.calrecycle.ca.gov/Greenbuilding/Specs/Section01350/>>

¹³ State of California, Office of Environmental Health Hazard Assessment, 1001 I Street, Sacramento, CA 95814 <www.oehha.ca.gov>

¹⁴ Stockholm Convention on persistent organic pollutants, 11-15, Chemin des Anemones Chatelaine, Geneve, Suisse <<http://chm.pops.int>> <www.chem.unep.ch/Default.htm>

¹⁵ U. S. Environmental Protection Agency, Office of Emergency Management, Ariel Rios Building (5104A), 1200 Pennsylvania Avenue, NW, Washington, D.C. 20460, <<http://www.epa.gov/osweroe1/content/hazsubs/cercsubs.htm>> <www.epa.gov/superfund/policy/cercla.htm>

¹⁶ U. S. Environmental Protection Agency, Great Lakes National Program Office, 77 W. Jackson Boulevard, (G-17J), Chicago, IL 60604-3511 <<http://www.epa.gov/greatlakes/contact.html>> <www.epa.gov/glnpo/p2/bns.html>

¹⁷ <www.epa.gov/performance-track>

¹⁸ U. S. Environmental Protection Agency, Office of Resource Conservation and Recovery (5305P), 1200 Pennsylvania Avenue, NW, Washington, DC 20460 <www.epa.gov/waste>

¹⁹ U. S. Environmental Protection Agency, National Center for Environmental Assessment, Office of Research and Development, Washington, DC 20460 <www.epa.gov/triinter/lawsandregs/pbt/pbtrule.htm> <www.epa.gov/tri/chemical>

²⁰ U. S. Environmental Protection Agency, PA Office of Research and Development National Risk Management Research Laboratory, Sustainable Technology Division – Systems Analysis Branch (MS-466), 26 West Martin Luther King Drive, Cincinnati, OH 45268 <www.epa.gov/nrmrl/std/sab/traci> <www.epa.gov/ORD/NRMRL/std/sab/traci/index.html>

²¹ <www.mtn.org/iasa/susagdef.htm>

Tracking #140i12r2
© 2012 NSF International

Revision to NSF/ANSI 140 – 2010
Issue 12, Revision 2 (March 2012)

This document is part of the NSF International standard development process. This document is subject to change and may be a draft and/or non-final version. Committee members may reproduce, quote from, and/or circulate this document to persons or entities outside of their organization after first providing NSF International with written notice of to whom and for what purpose this document is to be shared.

~~Directive 2002/95/EC of the European Parliament and of the Council, Restriction of the use of certain hazardous substances in electrical and electronic equipment (RoHS), January 2003²²~~

~~Executive Order 13101, Greening the Government through Waste Prevention, Recycling and Federal Acquisition, September 14, 1998²³~~

~~Food Alliance²⁴~~

~~Forest Stewardship Council (FSC) Certified Wood Practices²⁵~~

~~Global Reporting Initiative (GRI) Social Indicators²⁶~~

~~Humane Society of the United States²⁷~~

~~National Campaign for Sustainable Agriculture²⁸~~

~~Purdue University and Conservation Technology Information Center²⁹~~

~~State of Minnesota Design for Environment Toolkit³⁰~~

~~Sustainable Development Commission (UK)³¹~~

~~United States Department of Agriculture (USDA) Farm Security and Rural Investment Act (FSRIA) 9001, 2002³²~~

~~United States Department of Agriculture (USDA) Food, Agriculture, Conservation, and Trade Act of 1990³⁴~~

~~United States Environmental Protection Agency (USEPA), Identification and Listing of Hazardous Waste, 40 CFR 261.4(a)(8)³³~~

~~United States Environmental Protection Agency (USEPA) Introduction to Environmental Accounting as a Business Management Tool³⁴~~

~~United States Environmental Protection Agency (USEPA), Municipal Solid Waste³⁵~~

~~United States Environmental Protection Agency (USEPA) Final Environmentally Preferable Purchasing Guidance⁴⁸~~

²² <www.interwritelearning.com/rohs_compliance.pdf>

²³ <www.epa.gov/fedrgstr/EPA_WASTE/1998/September/Day_16/f25023.htm>

²⁴ <www.thefoodalliance.org/guidingprinciples.htm>

²⁵ <www.certifiedwood.org>

²⁶ <www.globalreporting.org/Home>

²⁷ <www.hsus.org>

²⁸ <www.sustainableagriculture.net/vision.php>

²⁹ <www.epa.gov/watertrain/agmodule>

³⁰ <www.pca.state.mn.us/oea/p2/design.cfm>

³¹ <www.sd-commission.gov.uk>

³² <www.usda.gov>

³³ <www.blm.gov/nhp/news/regulatory/3100/40CFR261.html>

³⁴ <www.epa.gov/oppt/library/pubs/archive/acct_archive/pubs/busmgt.pdf>

³⁵ <www.epa.gov/epaoswer/non-hw/muncpl/reduce.htm#reuse>

This document is part of the NSF International standard development process. This document is subject to change and may be a draft and/or non-final version. Committee members may reproduce, quote from, and/or circulate this document to persons or entities outside of their organization after first providing NSF International with written notice of to whom and for what purpose this document is to be shared.

~~U. S. Green Building Council Leadership in Energy and Environmental Design (LEED) Rating System³⁶~~

Additional information on use of this Standard is provided in Annex A.

Reason: This last sentence will be part of the introduction of the normative reference section 2.

-
-
-

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

A manufacturer may earn one point by meeting this requirement. The maximum concentration for any chemical emitted at 96 h in emissions tests (following a ten-day conditioning period) shall not result in a modeled indoor air concentration greater than half the chronic reference exposure level (CREL) established by California Office of Environmental Health Hazard Assessment (OEHHA), except formaldehyde, which shall not exceed half the OEHHA indoor reference exposure level (REL). Testing shall be in accordance with ~~CA/DHS/EHLB/R-174~~ 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).

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

-
-
-

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 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.

-
-
-

6.3.3.4 Reduction of specified life cycle impact categories (for the years 2000-present)

A manufacturer may achieve an average reduction in at least six of the environmental life cycle impact categories identified in Table 6.3.

Quantification of the impacts shall be determined according to the methodology from the USEPA's Tool for the Reduction and Assessment of Chemical and Other Environmental Impacts (TRACI). TRACI's impact categories and an example of the characterization factors can be found in Table 6.3. As the TRACI methodology is periodically updated, applicants should consider using

³⁶ <www.usgbc.org>

Tracking #140i12r2
© 2012 NSF International

Revision to NSF/ANSI 140 – 2010
Issue 12, Revision 2 (March 2012)

This document is part of the NSF International standard development process. This document is subject to change and may be a draft and/or non-final version. Committee members may reproduce, quote from, and/or circulate this document to persons or entities outside of their organization after first providing NSF International with written notice of to whom and for what purpose this document is to be shared.

the most recent version of this impact assessment methodology in order to ensure the most accurate life cycle calculations.

NOTE – LCA may use other well-recognized ISO 14042 compliant methods for impact assessment when TRACI is not appropriate.

-
-
-

This document is part of the NSF International standard development process. This document is subject to change and may be a draft and/or non-final version. Committee members may reproduce, quote from, and/or circulate this document to persons or entities outside of their organization after first providing NSF International with written notice of to whom and for what purpose this document is to be shared.

•
•
•

Table 9.2 – Carpet performance Testing

Characteristic	Commercial Performance Standard		Residential Performance Standard		Validity of Test Data
	Value	Method	Value	Method	
Texture Appearance Retention Rating (TARR)	Moderate Traffic: min 2.5 TARR Heavy Traffic: min 3.0 TARR Severe Traffic: min 3.5 TARR	ASTM D5252-Hexapod drum at 12000 cycles CRI TM 101-TARR			Within the previous 24 months
Tuft Bind	8.0 lbs for loop pile yarns 3.0 lbs for cut pile yarns	ASTM D1335	6.2 lbs for loop pile yarns 3.0 lbs for cut pile yarns	ASTM D1335	Within the previous 12 months
Delamination Strength	Minimum average value of 2.5 lbs/in	ASTM D3936	Minimum average value of 2.5 lbs/in	ASTM D3936	Within the previous 12 months
Flammability (Pill Test)	Must meet federal requirements	DOC FF 1-70	Must meet Federal requirements	DOC FF 1-70	Within the previous 24 months
Flammability (Radiant Panel)	Must meet local building/fire code regulations Class 1- minimum 0.45 watts/cm ² Class 2- minimum 0.22 watts/cm ²	ASTM E648	n/a		Within the previous 24 months
Flammability (Smoke Density)	Must meet local building/fire code regulations Maximum specific optical density not exceeding 450 (flaming exposure)	ASTM E662	n/a		Within the previous 24 months
Electrostatic Propensity	Equal to or less than 3.5kv	AATCC-134, step test			Within the previous 36 months
Colorfastness to Light	Minimum grade 4 at 40 AFU	AATCC 16E	Minimum grade 4 at 40 AFU	AATCC 16E	Within the previous 12 months

This document is part of the NSF International standard development process. This document is subject to change and may be a draft and/or non-final version. Committee members may reproduce, quote from, and/or circulate this document to persons or entities outside of their organization after first providing NSF International with written notice of to whom and for what purpose this document is to be shared.

•
•
•

Table 9.2A – Performance testing for wool rich carpet

Characteristic	Commercial performance standard		Residential performance standard		Validity of Test Data
	Value	Method	Value	Method	
Overall Appearance Change (OAC) Light use Moderate use Heavy use Severe use	 ≥ 3 ≥ 3 ≥ 3-4 ≥ 3-4	ASTM D55252 – Hexapod drum test (1500 & 8000 cycles) CRI TM 101 - ARR grading assessment Value calculated combining OAC at both test durations	 ≥ 2-3 ≥ 3 ≥ 3-4	ASTM D55252 – Hexapod drum test (1500 & 8000 cycles) CRI TM 101 - ARR grading assessment Value calculated combining OAC at both test durations	Within the previous 24 months
Tuft bind					Within the previous 12 months
Tufted carpets: loop pile cut pile	≥ 4.4 lbs ≥ 2.2 lbs	ASTM D1335	≥ 4.4 lbs ≥ 2.2 lbs	ASTM D1335	
Woven carpets (cut or loop)	≥ 0.77 lbs		≥ 0.77 lbs		
Delamination strength	Minimum average value of 2.5 lbs/in	ASTM D3936	Minimum average value of 2.5 lbs/in	ASTM D3936	Within the previous 12 months
Soiling resistance	$\Delta E \leq 3$	ASTM D6540 Drum Soiling Test using AATCC standard soil	$\Delta E \leq 3$	ASTM D6540 Drum Soiling Test using AATCC standard soil	Within the previous 24 months
Flammability (Pill test)	Must meet federal requirements	DOC FF 1-70	Must meet federal requirements	DOC FF 1-70	Within the previous 24 months
Flammability (Radiant panel test)	Must meet local building/fire code regulations Class 1- minimum 0.45 watts/cm ²	ASTM E648	Not applicable		Within the previous 24 months
Flammability (Smoke density)	Must meet local building/fire code regulations Maximum specific optical density not	ASTM E662	Not applicable		Within the previous 24 months

Tracking #140i22r1
 © 2012 NSF International

Revision to NSF/ANSI 140 – 2010
 Issue 22, Revision 1 (March 2012)

This document is part of the NSF International standard development process. This document is subject to change and may be a draft and/or non-final version. Committee members may reproduce, quote from, and/or circulate this document to persons or entities outside of their organization after first providing NSF International with written notice of to whom and for what purpose this document is to be shared.

	exceeding 450 (flaming exposure)				
Electrostatic propensity	≤ 3.5 kV	AATCC – 134 Step test	Not applicable		Within the previous 36 months
Colorfastness to light	Minimum grade 4 at 40 AFU	AATCC 16E	Minimum grade 4 at 40 AFU	AATCC 16E	Within the previous 12 months

-
-
-

Not for publication. This draft text is for circulation for approval by the Joint Committee and has not been published or otherwise officially promulgated. All rights reserved. This document may be reproduced for informational purposes only.

NSF/ANSI Standard
for Personal Care Products

Personal Care Products Containing Organic Ingredients

-
-
-

5.2 Organic production system plan

The producer or handler of a production or handling operation intending to sell, label, or represent agricultural products as “contains organic ingredients” shall develop an organic production or handling system plan. An organic production or handling system plan shall include:

- a description of activities, practices, and procedures to be performed, including the frequency with which they shall be performed;
- a list of substances and/or ingredients to be used as production or handling input, indicating their compositions, organic content (expressed as a whole percentage, rounded down to the closest percent and excluding all non-organic materials), sources, location where they will be used, and documentation of commercial availability, as applicable;
- a description of the monitoring activities, practices, and procedures to be performed and maintained, including the frequency with which they shall be performed, to verify that the plan is effectively implemented;
- a description of the record-keeping system implemented to conform to Annex F demonstrate compliance with this Standard;
- a description of the management activities and practices and the physical barriers established to prevent commingling of organic and non-organic ingredients in a split operation, to prevent adulteration of the product as specified in Annex F, and to prevent contact of organic production and handling operations and products with prohibited substances; and
- additional information as applicable that is required in order to demonstrate conformance to this Standard.

NOTE – A producer may substitute a plan prepared to meet the requirements of another federal, state, or local government regulatory program for the organic system plan, provided that the submitted plan meets all the requirements of this section.

Reason: Discussed at the JC Meeting in March, this change is proposed because a record-keeping system needs to be implemented to comply with the Standard, not just the general informational tools provided in Annex F.

-
-
-

Tracking Number 305i13r1
© 2012 NSF International

Revision to NSF/ANSI 305-2011

Not for publication. This draft text is for circulation for approval by the Joint Committee and has not been published or otherwise officially promulgated. All rights reserved. This document may be reproduced for informational purposes only.

7.1 Use of the term "organic"

The term "organic" shall only be used on labels and in labeling of raw or processed agricultural products, including ingredients, that have been produced and handled in accordance with the USDA-NOP criteria, standards recognized as equivalent by the USDA-NOP, and ~~or~~ the EC 834/2007 and EC 889/2008 producer criteria. The term "organic" shall not be used in a product name unless the product is certified to the USDA-NOP or the EC 834/2007 and EC 889/2008.

Reason: Discussed at the JC Meeting in March, due to the recent historic agreement between the EU and the US, this change is being proposed because standards recognized as equivalent to USDA-NOP now need to be included.

-
-
-

7.4 Packaged products labeled "100 percent organic" or "organic" or "made with organic"

A raw or processed agricultural product sold, labeled, or represented as "100 percent organic" shall be referred to the USDA-NOP.

A raw or processed agricultural product sold, labeled, or represented as "organic" shall be referred to the USDA-NOP.

A raw or processed agricultural product sold, labeled, or represented as "made with organic" shall be referred to the USDA-NOP.

-
-
-

7.5.1 ~~Personal care packaged products~~ **Optional labeling requirements for personal care packaged products**

Personal care products in packages described in ~~7 CFR 205.301(e)~~ 7.3 may display on the principal display panel, information panel, and any other panel and on any labeling or market information concerning the product:

- the statement: "Contains organic [specified ingredients or ingredient groups]," provided that the statement does not list more than three organically produced ingredients. The text shall not exceed one-half the size of the largest type size on the panel. This statement shall be made in the same type size, style, and color without highlighting; or
- the percentage of organic ingredients in the product. The size of the percentage statement shall not exceed ½ the size of the largest type size on the panel on which the statement is displayed and shall appear in its entirety in the same type size, style, and color without highlighting.
- *Organic percentage content statements shall not immediately precede, either horizontally or vertically, the primary product designator on a principal display panel*

Not for publication. This draft text is for circulation for approval by the Joint Committee and has not been published or otherwise officially promulgated. All rights reserved. This document may be reproduced for informational purposes only.

(PDP).

- *The organic percentage content claim shall not exceed ½ the size of the primary product descriptor on the label.*
- If applicable, the seal, logo, or other identifying mark of the certifying agent that certified the handler of the finished product may be used. The mark may be accompanied by the phrase "Certified to NSF/ANSI 305."
- *The NSF standard logo.*

7.5.2 ~~Agricultural packaged products~~ Required labeling for personal care packaged products

~~Agricultural~~ **Personal care** products in packages described in ~~7 CFR 205.301(c)~~ 7.3 shall:

- In the ingredient statement, identify each organic ingredient with the word "organic" or with an asterisk or other reference mark that is defined below the ingredient statement to indicate that the ingredient is organically produced. Mined minerals, salt, and water included as ingredients shall not be identified as organic.

For ingredients made with organic materials produced by processes specified in 5.3, a separate asterisk should refer to the statement "Contains Organic Ingredients".

Example:

Ingredients: Water, Aloe Vera*, Sodium Coco Sulfate**, Coco Glucoside**, Soy Protein*, Benzoic Acid

* Organic
**Contains Organic Ingredients

- Identify the certifying agent that certified the handler of the finished product. This information shall appear on the information panel, below or next to the information identifying the handler or distributor of the product and after the phrase "Certified to NSF/ANSI 305" or a similar phrase. The business address, web address, or telephone number of the certifying agent may be included in this label.

Reason: Discussed at the JC Meeting in March, these changes in 7.1, 7.5.1, and 7.5.2 are being proposed as better points of reference for determining the types of products covered by NSF/ANSI 305 and which should be referred to the USDA-NOP.

-
-
-

BSR/UL 555 Standard for Safety for Fire Dampers

PROPOSAL

10.1.1.4 During the fire exposure, there shall be no flaming of the fire damper assembly materials on the unexposed side.

Exception No. 1: Flaming of nonmetallic or organic components used in a fire damper assembly is not prohibited on the unexposed side when the flames do not exceed 6 in (152 mm) in length.

Exception No. 2: This requirement does not apply to nonmetallic or organic components used in a damper assembly when the total exposed surface area of the nonmetallic or organic components is 25 in² (161 cm²) or less.

Exception No. 3: This requirement does not apply to ~~nonmetallic or organic components~~ materials used in a fire damper assembly which are classified as to surface burning characteristics and which have a flame spread value of 25 or less and a smoke developed value of 50 or less when tested as specified in the Standard for Test for Surface Burning Characteristics of Building Materials, UL 723.

Exception No. 4: This requirement does not apply to components of a fire damper assembly with nonmetallic enclosures which are classified when tested as specified in the Standard for Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces, UL 2043.

BSR/UL 555S
Standard for Safety for Smoke Dampers

PROPOSAL

13 Fire Exposure Test

13.1 When tested as specified in the fire test portion of the Fire Endurance and Hose Stream Test as specified in the Standard for Fire Dampers, UL 555, there shall be no flaming of the damper assembly materials on the unexposed side.

Exception No. 1: Flaming of nonmetallic or organic components used in a damper assembly is not prohibited on the unexposed side when the flames do not exceed 6 inches (152 mm) in length.

Exception No. 2: This requirement does not apply to nonmetallic or organic components used in a damper assembly when the total exposed surface area of the nonmetallic or organic components is 25 square inches (161 cm²) or less.

Exception No. 3: This requirement does not apply to ~~nonmetallic or organic components materials~~ used in a damper assembly which are classified as to surface burning characteristics and which have a flame spread value of 25 or less and a smoke developed value of 50 or less when tested as specified in the Standard for Test for Surface Burning Characteristics of Building Materials, UL 723.

Exception No. 4: This requirement does not apply to components of a fire damper assembly with nonmetallic enclosures which are classified when tested as specified in the Standard for Fire Test for Heat and Visible Smoke Release for Discrete Products and Their Accessories Installed in Air-Handling Spaces, UL 2043.

BSR/UL 1004-3, Standard for Thermally Protected Motors

Proposal - Clarification to the Locked Rotor Temperature Test

41A.1.6 A motor for which a protector opens under at least one operating condition shall be identified as thermally protected and shall comply with the requirements of this Standard in each condition that results in a protector opening. For each condition that does not result in the protector opening, the tests in the Standard for Impedance Protected Motors, UL 1004-2, are to be performed ~~when the measured constant temperature at the condition(s) where the protector does not open exceeds the average after the first hour temperature in Table 41A.1 for the Class of motor insulation.~~

BSR/UL 1063

6.3.2 A compressed round concentric-lay-stranded conductor shall be a round conductor consisting of a central core wire surrounded by one or more layers of helically laid wires with, for the 6 AWG - 1000 kcmil sizes, the direction of lay reversed in successive layers or unilay or unidirectional lay. The direction of lay of the outer layer shall be left-hand in all cases. The strands of one or more layers shall be slightly compressed by rolling, drawing, or other means to slightly change the originally round strands to various shapes that fill some of the spaces originally present between the strands. ~~A finished compressed-stranded Class B or C conductor shall not be larger in average diameter than the maximum diameter indicated for the size under Y in Table 6.5 and shall not be smaller in average diameter than the minimum diameter indicated for the size under Z in Table 6.5 Class B or C 16 AWG - 1000 kcmil conductors with uncompressed strands shall not be larger or smaller in average diameter than the maximum and minimum diameters indicated for the size in Tables 20.4 (Class B) and 20.4.1 (Class C) of UL 1581. The average diameter of the conductor is to be determined and compared with the table in the manner described in 6.3.4 and 6.3.5.~~

6.3.3 A finished compressed-stranded Class B or C conductor shall not be larger in average diameter than the maximum diameter indicated for the size under Y in Table 6.5 and shall not be smaller in average diameter than the minimum diameter indicated for the size under Z in Table 6.5 Class B or C 16 AWG - 1000 kcmil conductors with uncompressed strands shall not be larger or smaller in average diameter than the maximum and minimum diameters indicated for the size in Tables 20.4 (Class B) and 20.4.1 (Class C) of UL 1581. The average diameter of the conductor is to be determined and compared with the table in the manner described in 6.3.4 and 6.3.5. Class B 1 AWG - 1000 kcmil conductors with round unilay or unidirectional lay compressed strands shall not be larger or smaller in average diameter than the maximum and minimum diameters indicated for the size in Table 20.3.1 of UL 1581. A finished 19-wire combination unilay conductor shall not be larger in average diameter than the maximum diameter indicated for the size in the UL 1584 Table 20.6 of UL 1581. The average diameter of the a conductor is to be determined and compared with the tables in the manner described in 6.3.4 and 6.3.5.

6.3.5 Each minimum and maximum diameter indicated in Table 6.5 and in ~~UL 1584~~ Tables 20.3.1, 20.4, 20.4.1, and 20.6 of UL 1581 is absolute. The unrounded average of the two diameter readings is therefore to be compared directly with both the minimum and the maximum in the table.