

## Contents

### American National Standards

<b>Call for Comment on Standards Proposals</b> .....	2
<b>Call for Comment Contact Information</b> .....	14
<b>Call for Members (ANS Consensus Bodies)</b> .....	16
<b>Final Actions</b> .....	18
<b>Project Initiation Notification System (PINS)</b> .....	21

### International Standards

<b>ISO Draft Standards</b> .....	26
<b>ISO and IEC Newly Published Standards</b> .....	27
<b>Proposed Foreign Government Regulations</b> .....	31
<b>Information Concerning</b> .....	32
<b>2009 Standards Action Publishing Schedule</b> .....	45

## 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: January 18, 2009

### AMT (ASC B11) (Association for Manufacturing Technology)

#### Revisions

BSR B11.1-200x, Machine Tools - Safety Requirements for Mechanical Power Presses (revision of ANSI B11.1-2001)

Applies only to those mechanically powered machines, commonly referred to as mechanical power presses, which transmit force mechanically to cut, form, or assemble metal or other materials by means of tools or dies attached to or operated by slides.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to: David Felinski, AMT (ASC B11);  
dfelinski@amtonline.org; clhaas@amtonline.org

### NSF (NSF International)

#### Revisions

BSR/NSF 49-200x (i35), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2008) Issue 35 - To add the definition of w.g. to the standard; to update the UL reference throughout the standard where necessary; and to correct the referenced year in the first paragraph of F.1.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

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

### UL (Underwriters Laboratories, Inc.)

#### Revisions

BSR/UL 147-200x, Standard for Safety for Hand-Held Torches for Fuel Gases (revision of ANSI/UL 147-2006)

Clarifies the fire test requirements in paragraphs 17.1 and 17.5.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

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

BSR/UL 147A-200x, Standard for Safety for Nonrefillable (Disposable) Type Fuel Gas Cylinder Assemblies (revision of ANSI/UL 147A-2006)

Clarifies the fire test in paragraph 14.5.

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

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

BSR/UL 563-200x, Standard for Safety for Ice Makers (revision of ANSI/UL 563-2001)

Revises glossary terms, requirements for nonmetallic materials, and enclosure requirements

[Click here to see these changes in full, or look at the end of "Standards Action."](#)

Send comments (with copy to BSR) to: Jeffrey Prusko, (847) 664-3416,  
jeffrey.prusko@us.ul.com

## Comment Deadline: February 2, 2009

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

#### New National Adoptions

BSR/AAMI/ISO 14708-5-200x, Implants for surgery - Active implantable medical devices - Part 5: Circulatory support devices (identical national adoption of ISO 14708-5:200x - currently under development)

Specifies requirements for safety and performance of active implantable circulatory support devices. Excluded from this scope are intra-aortic balloon pumps, external corporeal perfusion devices and cardiomyoplasty. This standard specifies type tests, animal studies and clinical evaluation requirements that are to be carried out to show compliance with this standard.

Single copy price: \$20.00 (hardcopy)/Free (electronic) [AAMI members]; \$25.00 [list]

Obtain an electronic copy from: [www.aami.org](http://www.aami.org)

Order from: AAMI Publications (PHONE: 1-877-249-8226; FAX: 1-301-206-9789)

Send comments (with copy to BSR) to: Jennifer Moyer, (703) 525-4890,  
jmoyer@aami.org

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

#### Reaffirmations

BSR/ABMA 18.1-1982 (R200x), Radial Needle Roller Bearings, Metric Design (reaffirmation of ANSI/ABMA 18.1-1982 (R1999))

Includes: identification code, boundary dimensions, bearing tolerances, and fitting and mounting practice.

Single copy price: \$38.00

Obtain an electronic copy from:

[http://www.techstreet.com/cgi-bin/detail?product\\_id=11858](http://www.techstreet.com/cgi-bin/detail?product_id=11858)

Order from: James Converse, (919) 481-2852,  
jconverse@americanbearings.org

Send comments (with copy to BSR) to: Same

### ABYC (American Boat and Yacht Council)

#### New Standards

BSR/ABYC H-41-200x, Reboarding Means, Ladders, Handholds, Rails, and Lifelines (new standard)

This is a 2nd review as a result of and limited to revisions noted in the document. Comments are being sought on the noted revisions only.

Single copy price: \$50.00

Order from: Sandy Brown, (410) 990-4460, [sbrown@abycinc.org](mailto:sbrown@abycinc.org)

Send comments (with copy to BSR) to: Eric Johnson, (410) 990-4460,  
Ext. 24, [ejohnson@abycinc.org](mailto:ejohnson@abycinc.org)

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

### Reaffirmations

BSR/ASAE S366.2-JUN04/ISO 5675:1992 (R200x), Agricultural tractors and machinery - General purpose quick-action hydraulic couplers (reaffirmation of ANSI/ASAE S366.2 JUN04/ISO 5675:1992)

Specifies the essential interface dimensions, operating requirements, and performance specifications for hydraulic couplers employed to transmit hydraulic power from agricultural tractors to agricultural machinery. It applies to couplers used in hydraulic lines other than those used for braking circuits (couplers connected and disconnected frequently to allow the transfer of machinery from one tractor to another). It also includes a 15-degree angle for dust protection and detailed location of tractor coupling.

Single copy price: \$48.00

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

Order from: Carla VanGilder, (269) 429-0300, [vangilder@asabe.org](mailto:vangilder@asabe.org)

Send comments (with copy to BSR) to: Same

BSR/ASAE S525.2-MAY98 (R200x), Agricultural Cabs - Environmental Air Quality - Part 2: Pesticide Vapor Filters - Test Procedure and Performance Criteria (reaffirmation of ANSI/ASAE S525.2-MAY98 (R2003))

Provides a procedure for testing and demonstrating the capacity and efficiency of the gas and vapor air purifying device. under laboratory conditions. This standard may yield an estimation of the service life under field conditions.

Single copy price: \$48.00

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

Order from: Carla VanGilder, (269) 429-0300, [vangilder@asabe.org](mailto:vangilder@asabe.org)

Send comments (with copy to BSR) to: Same

BSR/ASAE S525-1.2-2003 (R200x), Agricultural Cabs - Engineering Control - Environmental Air Quality - Part 1: Definitions, Test Methods, and Safety Practices (reaffirmation of ANSI/ASAE S525-1.2-2003)

Provides a quantitative method of establishing an engineering control including definitions, performance criteria, and test procedures for cabs (enclosures) used on agricultural tractors and self-propelled machines. This standard should only be used as part of a managed program of occupational health and safety as defined by applicable regulations when the machines operate in an environment where agricultural pesticides are present.

Single copy price: \$48.00

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

Order from: Carla VanGilder, (269) 429-0300, [vangilder@asabe.org](mailto:vangilder@asabe.org)

Send comments (with copy to BSR) to: Same

### Withdrawals

ANSI/ASAE S201.4-DEC82 (RAPR2003), Application of Hydraulic Remote Control Cylinders to Agricultural Tractors and Trailing-Type Agricultural Implements (withdrawal of ANSI/ASAE S201.4-DEC82 (RAPR2003))

Establishes common mounting and clearance dimensions for hydraulic remote control cylinders and trailing-type agricultural implements with specifications necessary to:

- (1) permit use of any trailing-type agricultural implement adapted for control by a hydraulic remote cylinder with any remote cylinder furnished as part of any make or model of agricultural tractor in a drawbar horsepower size suitable for operating that implement;
- (2) facilitate changing the hydraulic cylinder from one implement to another and decrease the possibility of introducing foreign material into the hydraulic system by reducing the necessity for supplemental hose lengths or piping with certain types of implements.

Single copy price: \$48.00

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

Order from: Carla VanGilder, (269) 429-0300, [vangilder@asabe.org](mailto:vangilder@asabe.org)

Send comments (with copy to BSR) to: Same

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

### Addenda

BSR/ASHRAE/IESNA Addendum aq to Standard 90.1-200x, Energy Standard for Buildings Except Low-Rise Residential Buildings (addenda to ANSI/ASHRAE/IESNA Standard 90.1-2007)

Modifies the purpose and scope of Standard 90.1.

Single copy price: Free

Obtain an electronic copy from:

<http://www.ashrae.org/technology/page/331>

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

Send comments (with copy to BSR) to:

<http://www.ashrae.org/technology/page/331>

## ASME (American Society of Mechanical Engineers)

### Reaffirmations

BSR/ASME B18.18.6M-1998 (R200x), Quality Assurance Plan for Fasteners Produced In a Third Party Accreditation System (reaffirmation of ANSI/ASME B18.18.6M-1998 (R2003))

Serves as a Quality Assurance Plan for externally and internally threaded fasteners and accessories or associated parts. It is to be used in conjunction with other part-specific quality plans that have been agreed to between manufacturer and purchaser. This plan is for a quality system that has been certified by a third-party process utilizing independent audits under the provisions of a third party accreditation program administered by a consensus standards organization.

Single copy price: \$35.00

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

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

Send comments (with copy to BSR) to: Calvin Gomez, (212) 591-7021, [gomezc@asme.org](mailto:gomezc@asme.org)

**Addenda**

BSR/ASME NQA-1a-200x, Quality Assurance Requirements for Nuclear Facility Applications (addenda to ANSI/ASME NQA-1-2008)

Reflects industry experience and current understanding of the quality assurance requirements necessary to achieve safe, reliable, and efficient utilization of nuclear energy, and management and processing of radioactive materials. The Standard focuses on the achievement of results, emphasizes the role of the individual and line management in the achievement of quality, and fosters the application of these requirements in a manner consistent with the relative importance of the item or activity.

Single copy price: \$70.00

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

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

Send comments (with copy to BSR) to: Eun Sil Yoo, (212) 591-8522, [choe@asme.org](mailto:choe@asme.org)

**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: Corice Leonard, ASTM ; [cleonard@astm.org](mailto:cleonard@astm.org)

For all ASTM standards, send comments (with copy to BSR) to:

Corice Leonard, ASTM ; [cleonard@astm.org](mailto:cleonard@astm.org)

**New Standards**

BSR/ASTM WK17125-200x, Test Method for Determination of Fuel Filter Blocking Potential of Biodiesel (B100) Blend Stock by Cold Soak Laboratory Filtration (new standard)

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK17125.htm>

Single copy price: N/A

Obtain an electronic copy from: [cleonard@astm.org](mailto:cleonard@astm.org)

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

BSR ATIS 0600015.01-200x, Energy Efficiency for Telecommunications Equipment Methodology for Measuring and Reporting Server Requirements (new standard)

Defines how to measure the Telecommunication Energy Ration (TEER) of a server or server blade. The standard will also provide requirements for how equipment vendors shall respond to a TEER request based on a specific application description by making use of relevant data from internal and independent test reports.

Single copy price: \$58.00

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

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

Send comments (with copy to BSR) to: Same

BSR ATIS 0600015.02-200x, Energy Efficiency for Telecommunications Equipment Methodology for Measuring and Reporting Transport Requirements (new standard)

Specifies the definition of Transport products and systems as well as a methodology to calculate the Telecommunications Energy Efficiency Ration (TEER) of a transport system or network configuration. The standard will also provide requirements for how equipment vendors shall respond to a TEER request based on a specific application description by making use of relevant data from internal and independent test reports.

Single copy price: \$58.00

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

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

Send comments (with copy to BSR) to: Same

BSR ATIS 0600015-200x, Energy Efficiency for Telecommunications Equipment Methodology for Measuring and Reporting General Requirements (new standard)

Standardizes the test methodology, environmental factors and utilization of the equipment for measuring the energy used in the formation of the telecommunications energy efficiency rating.

Single copy price: \$58.00

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

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

Send comments (with copy to BSR) to: Same

BSR ATIS 0600017-200x, DC Power Wire and Cable for Telecommunications Power Systems (new standard)

Establishes a minimum requirement for DC power cable used to connect telecommunications DC power system to telecommunications load equipment. This standard will also be used to interconnect elements of the DC power system.

Single copy price: \$96.00

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

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

Send comments (with copy to BSR) to: Same

**AWS (American Welding Society)****Revisions**

BSR/AWS A3.0M/A3.0-200x, Standard Welding Terms and Definitions (revision of ANSI/AWS A3.0-2001)

Provides a glossary of the technical terms used in the welding industry. Its purpose is to establish standard terms to aid in the communication of welding information. Since it is intended to be a comprehensive compilation of welding terminology, nonstandard terms used in the welding industry are also included. All terms are either standard or nonstandard. They are arranged in word-by-word alphabetical sequence.

Single copy price: \$102.00

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

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

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

## CEA (Consumer Electronics Association)

### New Standards

BSR/CEA 774-B-200x, TV Receiving Antenna Performance Presentation and Measurement (new standard)

Defines test and measurement procedures for use by manufacturers of television receiving antennas who wish to categorize their antennas in accordance with CEA-2028-A, Color Codes for Outdoor TV Receiving Antennas, for use with the CEA TV Antenna Selector Program [www.AntennaWeb.org](http://www.AntennaWeb.org). Essential elements include procedures to determine antenna gain, front-to-back ratio, average gain-to-null ratio, directivity, and distortion performance of active antennas with integrated amplifiers.

Single copy price: \$51.00

Obtain an electronic copy from: <http://global.ihs.com/>

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

Send comments (with copy to BSR) to: Dave Wilson, (703) 907-7421, [dwilson@ce.org](mailto:dwilson@ce.org); [Carce@CE.org](mailto:Carce@CE.org)

### Revisions

BSR/CEA 2028-A-200x, Color Codes for Outdoor TV Receiving Antennas (revision of ANSI/CEA 2028-2005)

Defines color codes to be associated with minimum performance parameters of outdoor television (TV) receiving antennas. When used in conjunction with the CEA TV antenna selector program at [www.AntennaWeb.org](http://www.AntennaWeb.org), these color codes can help both consumers and professional installers select appropriate outdoor TV antennas for their particular reception environments.

Single copy price: \$54.00

Obtain an electronic copy from: <http://global.ihs.com/>

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

Send comments (with copy to BSR) to: Dave Wilson, (703) 907-7421, [dwilson@ce.org](mailto:dwilson@ce.org); [Carce@CE.org](mailto:Carce@CE.org)

BSR/CEA 2032-A-200x, Indoor TV Receiving Antenna Performance Standard (revision of ANSI/CEA 2032-2005)

Defines test and measurement procedures for determining the performance of indoor TV receiving antennas.

Single copy price: \$47.00

Obtain an electronic copy from: <http://global.ihs.com/>

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

Send comments (with copy to BSR) to: Dave Wilson, (703) 907-7421, [dwilson@ce.org](mailto:dwilson@ce.org); [Carce@CE.org](mailto:Carce@CE.org)

## CSA (CSA America, Inc.)

### Revisions

BSR Z83.19-200x, American National Standard/CSA Standard for Gas-Fired High Intensity Infrared Heaters (same as CSA 2.35 with Addenda a and b) (revision of ANSI Z83.19-2000 (R2005))

Details test and examination criteria for gas-fired high-intensity infrared heaters for use with natural, manufactured, mixed and liquefied petroleum (propane) gases and may be convertible for use with natural and LP-gases. Applies to heaters for installation in and heating of outdoor spaces or nonresidential indoor spaces where flammable gases or vapors are not generally present.

Single copy price: \$175.00

Obtain an electronic copy from: [al.callahan@csa-america.org](mailto:al.callahan@csa-america.org)

Order from: Allen Callahan, (216) 524-4990, [al.callahan@csa-america.org](mailto:al.callahan@csa-america.org)

Send comments (with copy to BSR) to: Same

### Addenda

BSR Z83.20a-200x, American National Standard/CSA Standard for Gas-Fired Low Intensity Infrared Heaters (same as CSA 2.34a) (addenda to ANSI Z83.20-2001 (R2005))

Details test and examination criteria for gas-fired low-intensity infrared and infrared radiant tube heaters, with inputs up to 400,000 Btu/hr per burner, for use with natural, manufactured, mixed and liquefied petroleum (propane) gases and may be convertible for use with natural and LP-gases. Applies to heaters for installation in and heating of outdoor spaces or nonresidential indoor spaces where flammable gases or vapors are not generally present.

Single copy price: \$50.00

Obtain an electronic copy from: [al.callahan@csa-america.org](mailto:al.callahan@csa-america.org)

Order from: Allen Callahan, (216) 524-4990, [al.callahan@csa-america.org](mailto:al.callahan@csa-america.org)

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## HL7 (Health Level Seven)

### New Standards

BSR/HL7 V3 RXMEDORDER, R1-200x, HL7 Version 3 Standard: Pharmacy: Medication Order, Release 1 (new standard)

Describes messaging to support the prescription (also known as request or order), dispensing (also known as supply), and administration of medications (also known as drugs), in both a Community (e.g., family practice or community pharmacy) and an Institutional (e.g., hospital) setting. These activities may also occur between or across care settings. (NOTE: A hospital can order a drug to be dispensed in a community pharmacy.)

Single copy price: Free (HL7 members); \$600 (non-members)

Obtain an electronic copy from: [Karenvan@HL7.org](mailto:Karenvan@HL7.org)

Order from: Karen Van Hentenryck, (734) 677-7777, [Karenvan@HL7.org](mailto:Karenvan@HL7.org)

Send comments (with copy to BSR) to: Same

BSR/HL7 V3 SDA, R1-200x, HL7 Version 3 Standard: Structured Documents Architecture, Release 1 (new standard)

In this project, the Structured Documents committee will focus on the development of the D-MIM and supporting documentation for structured documents, based on inputs from current HL7 publications and projects. We will coordinate with other SIGs and TCs in HL7, including Pediatrics Data Standards SIG, Government Projects, Decision Support and others to help determine the requirements for the D-MIM.

Single copy price: Free (HL7 members); \$600 (non-members)

Obtain an electronic copy from: [Karenvan@HL7.org](mailto:Karenvan@HL7.org)

Order from: Karen Van Hentenryck, (734) 677-7777, [Karenvan@HL7.org](mailto:Karenvan@HL7.org)

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### Revisions

BSR/HL7 V2.7-200x, Health Level Seven Standard Version 2.7 - An Application Protocol for Electronic Data Exchange in Healthcare Environments (revision of ANSI/HL7 V2.6-2007)

This version includes two global changes: Correction of various typographical and technical errors, and Correction of examples in various chapters. There are additional chapter-specific changes that are too numerous to list here. Please refer to the HL7 ballot announcement for that level of details.

Single copy price: Free (HL7 members); \$600 (non-members)

Obtain an electronic copy from: [Karenvan@HL7.org](mailto:Karenvan@HL7.org)

Order from: Karen Van Hentenryck, (734) 677-7777, [Karenvan@HL7.org](mailto:Karenvan@HL7.org)

Send comments (with copy to BSR) to: Same

## ISA (ISA)

### Revisions

BSR/ISA 60079-15 (12.12.02)-200x, Electrical Apparatus for Use in Class I, Zone 2 Hazardous (Classified) Locations: Type of Protection "n" (revision of ANSI/ISA 12.12.02-2003 (IEC 60079-15-1987))

Specifies requirements for the construction, testing and marking for Group II electrical apparatus with type of protection "n", intended for use in Class I, Zone 2 hazardous (classified) locations as defined by the National Electrical Code (R) (NEC (R)), ANSI/NFPA 70.

Single copy price: \$250.00

Obtain an electronic copy from: [ebeattie@isa.org](mailto:ebeattie@isa.org)

Order from: Eliana Beattie, (919) 990-9228, [ebeattie@isa.org](mailto:ebeattie@isa.org)

Send comments (with copy to BSR) to: Same

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

### New National Adoptions

BSR/INCITS/ISO/IEC 15948-200x, Information technology - Computer graphics and image processing - Portable Network Graphics (PNG): Functional specification (identical national adoption of ISO/IEC 15948:2004)

Specifies a datastream and an associated file format, Portable Network Graphics (PNG, pronounced "ping"), for a lossless, portable, compressed individual computer-graphics image transmitted across the Internet. Indexed-color, greyscale, and truecolor images are supported, with optional transparency. Sample depths range from 1 to 16 bits. PNG is fully streamable with a progressive display option. It is robust, providing both full file integrity checking and simple detection of common transmission errors.

Single copy price: \$180.00

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

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

BSR/INCITS/ISO/IEC 18023-1-200x, Information technology - SEDRIS language bindings - Part 1: Functional specification (identical national adoption of ISO/IEC 18023-1:2006)

Addresses the concepts, syntax, and semantics for the representation and interchange of environmental data. It specifies:

- a data representation model for expressing environmental data;
- specifications of the data types and classes that together constitute the data representation model; and
- an application program interface that supports the storage and retrieval of environmental data using the data representation model.

Single copy price: \$235.00

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

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

BSR/INCITS/ISO/IEC 18023-2-200x, Information technology - SEDRIS - Part 2: Abstract transmittal format (identical national adoption of ISO/IEC 18023-2:2006)

Specifies the abstract syntax of a SEDRIS transmittal. Actual encodings (EXAMPLE binary encoding) are specified in other parts of ISO/IEC 18023.

Single copy price: \$37.00

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](http://www.global.ihs.com)

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

BSR/INCITS/ISO/IEC 18023-3-200x, Information technology - SEDRIS - Part 3: Transmittal format binary encoding (identical national adoption of ISO/IEC 18023-3:2006)

Defines a binary encoding for DRM objects specified in ISO/IEC 18023-1 in accordance with the abstract syntax specified in ISO/IEC 18023-2.

Single copy price: \$43.00

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

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

BSR/INCITS/ISO/IEC 18024-4-200x, Information technology - SEDRIS language bindings - Part 4: C (identical national adoption of ISO/IEC 18024-4:2006)

Specifies a language-dependent layer for the C programming language. ISO/IEC 18023-1 specifies a language-independent application program interface (API) for SEDRIS. For integration into a programming language, the SEDRIS API is embedded in a language-dependent layer obeying the particular conventions of that language.

Single copy price: \$65.00

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](http://www.global.ihs.com)

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

BSR/INCITS/ISO/IEC 18025-200x, Information technology - Environmental Data Coding Specification (EDCS) (identical national adoption of ISO/IEC 18025:2005)

Provides mechanisms to specify objects used to model environmental concepts unambiguously. To accomplish this, a collection of nine EDCS dictionaries of environmental concepts and a functional interface are specified.

Single copy price: \$263.00

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](http://www.global.ihs.com)

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

BSR/INCITS/ISO/IEC 18041-4-200x, Information technology - Computer graphics, image processing and environmental data representation - Environmental Data Coding Specification (EDCS) language bindings - Part 4: C (identical national adoption of ISO/IEC 18041-4:2007)

Specifies the binding of the application programming interface (API) defined in ISO/IEC 18025 to the C programming language. The Environmental Data Coding Specification (EDCS) is a mapping between data and meaning. Data in a system may need to be identified as to purpose, metric, and usage. This specification defines a standard set of terms for providing this information. ISO/IEC 18041-4: 2007 defines a standard binding for the C computer programming language.

Single copy price: \$167.00

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](http://www.global.ihs.com)

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

BSR/INCITS/ISO/IEC 18042-4-200x, Information technology - Computer graphics and image processing - Spatial Reference Model (SRM) language bindings - Part 4: C (identical national adoption of ISO/IEC 18042-4:2006)

Specifies a language-independent application program interface (API). For integration into a programming language, the SRM API is embedded in a language-dependent layer obeying the particular conventions of that language. This part of ISO/IEC 18042 specifies such a language-dependent layer for the C language.

Single copy price: \$65.00

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](http://www.global.ihs.com)

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

BSR/INCITS/ISO/IEC 19774-200x, Information technology - Computer graphics and image processing - Humanoid Animation (H-Anim) (identical national adoption of ISO/IEC 19774:2006)

Specifies a systematic method for representing humanoids in a network-enabled 3D graphics and multimedia environment. Conceptually, each humanoid is an articulated character that can be embedded in different representation systems and animated using the facilities provided by the representation system. ISO/IEC 19774: 2006 specifies the abstract form and structure of humanoids.

Single copy price: \$57.00

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](http://www.global.ihs.com)

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

BSR/INCITS/ISO/IEC 19775-2-200x, Information technology - Computer graphics and image processing - Extensible 3D (X3D) - Part 2: Scene Access Interface (SAI) (identical national adoption of ISO/IEC 19775-2:2004)

Specifies a standard set of services that are made available by a browser so that an author can access the scene graph while it is running. Such access is designed to support interaction with, and modification of, the scene graph.

Single copy price: \$129.00

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](http://www.global.ihs.com)

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

BSR/INCITS/ISO/IEC 19776-1-200x, Information technology - Computer graphics, image processing and environmental data representation - Extensible 3D (X3D) encodings - Part 1: Extensible Markup Language (XML) encoding (identical national adoption of ISO/IEC 19776-1:2005)

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

Single copy price: \$277.00

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](http://www.global.ihs.com)

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

BSR/INCITS/ISO/IEC 19776-2-200x, Information technology - Computer graphics, image processing and environmental data representation - Extensible 3D (X3D) encodings - Part 2: Classic VRML encoding (identical national adoption of ISO/IEC 19776-2:2008)

Defines a system that integrates three-dimensional (3D) graphics and multimedia. Conceptually, each X3D file is a 3D time-based space that contains graphic and aural objects that can be dynamically modified through a variety of mechanisms. ISO/IEC 19776-2: 2008 defines a mapping of the abstract objects in X3D to a specific encoding using the technique defined in ISO/IEC 14772, Information technology - Computer graphics and image processing - The Virtual Reality Modeling Language (VRML).

Single copy price: \$43.00

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](http://www.global.ihs.com)

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

BSR/INCITS/ISO/IEC 19776-3-200x, Information technology - Computer graphics, image processing and environmental data representation - Extensible 3D (X3D) encodings - Part 3: Compressed binary encoding (identical national adoption of ISO/IEC 19776-3:2007)

Defines a system that integrates 3D graphics and multimedia. Conceptually, each X3D file is a 3D time-based space that contains graphic and aural objects that can be dynamically modified through a variety of mechanisms. ISO/IEC 19776-3: 2007 defines a mapping of the abstract objects in X3D to a specific X3D encoding written out in a compact binary form.

Single copy price: \$57.00

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

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BSR/INCITS/ISO/IEC 19776-1-2005 - Amendment 1-200x, Computer graphics, image processing and environmental data representation - Extensible 3D (X3D) encodings - Part 1: Extensible Markup Language encoding (XML) - Amendment 1 (identical national adoption of ISO/IEC 19776-1:2005 - Amendment 1:2007)

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

Single copy price: \$16.00

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## Revisions

**Draft INCITS 378-200x**, Information technology - Finger Minutiae Format for Data Interchange (revision of ANSI INCITS 378-2004)

Specifies a concept and data format for representation of fingerprints using the fundamental notion of minutiae. The data format is generic, in that it may be applied and used in a wide range of application areas where automated fingerprint recognition is involved. No application-specific requirements or features are addressed in this standard. The Standard contains definitions of relevant terms, a description of where minutiae shall be defined, a data format for containing the data, and conformance information.

Single copy price: \$30.00

Obtain an electronic copy from: <http://www.incits.org> or <http://webstore.ansi.org> (click on designation above)

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

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

## NCPDP (National Council for Prescription Drug Programs)

### New Standards

BSR/NCPDP PA Transfer V1.0-200x, Prior Authorization Transfer Standard, Version 1.0 (new standard)

Defines the file format and correct usage for electronically transferring existing prior authorization data between payer/processors. This standard can be used between payer/processors when transitioning clients, performing system database or platform changes, or other scenarios where an existing prior authorization record is stored in one location and needs to be moved to another.

Single copy price: \$650.00/yr

Obtain an electronic copy from: [kkrempin@ncdp.org](mailto:kkrempin@ncdp.org)

Order from: Kittye Krempin, (512) 291-1356, [kkrempin@ncdp.org](mailto:kkrempin@ncdp.org)

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### Revisions

BSR/NCPDP SCV10.8-200x, SCRIPT Standard v10.8 (revision and redesignation of ANSI/NCPDP SCV10.7-200x)

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

Single copy price: \$650.00/yr

Obtain an electronic copy from: [kkrempin@ncdp.org](mailto:kkrempin@ncdp.org)

Order from: Kittye Krempin, (512) 291-1356, [kkrempin@ncdp.org](mailto:kkrempin@ncdp.org)

Send comments (with copy to BSR) to: Same

BSR/NCPDP TC VD.2-200x, Telecommunication Standard - Version D.2 (revision and redesignation of ANSI/NCPDP TC VD.1-200x)

Supports the format for electronic communication of pharmacy service-related billing, prior authorization processing, and information reporting between pharmacies and other responsible parties. This standard addresses the data format and content, the transmission protocol and other appropriate telecommunication requirements.

Single copy price: \$650.00/yr

Obtain an electronic copy from: [kkrempin@ncdp.org](mailto:kkrempin@ncdp.org)

Order from: Kittye Krempin, (512) 291-1356, [kkrempin@ncdp.org](mailto:kkrempin@ncdp.org)

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## NEMA (ASC C12) (National Electrical Manufacturers Association)

### New Standards

BSR C12.19-200x, Utility Industry End Device Data Tables (new standard)

Defines a table structure for utility application data to be passed between an end device and a computer. This standard does not define device design criteria nor specify the language or protocol used to transport that data. The purpose of the tables is to define structures for transporting data to and from end devices.

Single copy price: \$167.00

Obtain an electronic copy from: [www.global.ihs.com](http://www.global.ihs.com)

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

Send comments (with copy to BSR) to: Paul Orr, (703) 717-5658, [Pau\\_orr@nema.org](mailto:Pau_orr@nema.org)

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

### Reaffirmations

BSR C29.1-1988 (R200x), Electrical Power Insulators - Test Methods (reaffirmation of ANSI C29.1-1988 (R2002))

Comprises a manual of test methods to be followed in making tests to determine the characteristics of wet-process porcelain electrical power insulators.

Single copy price: \$50.00

Obtain an electronic copy from: [www.global.ihs.com](http://www.global.ihs.com)

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

Send comments (with copy to BSR) to: Scott Choinski, (703) 841-3253, [scott.choinski@nema.org](mailto:scott.choinski@nema.org)

BSR C29.2-1992 (R200x), Insulators - Wet-Process Porcelain and Toughened Glass - Suspension Type (reaffirmation of ANSI C29.2-1992 (R1999))

Covers suspension-type insulators, 4-1/4 inches (108 millimeters) in diameter and larger, made of wet-process porcelain or of toughened glass and used in the transmission and distribution of electrical energy.

Single copy price: \$50.00

Obtain an electronic copy from: [www.global.ihs.com](http://www.global.ihs.com)

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

Send comments (with copy to BSR) to: Scott Choinski, (703) 841-3253, [scott.choinski@nema.org](mailto:scott.choinski@nema.org)

BSR C29.5-1984 (R200x), Wet-Process Porcelain Insulators - Low- and Medium-Voltage Type (reaffirmation of ANSI C29.5-1984 (R2002))

Covers low- and medium-voltage-type insulators made of wet-process porcelain and used in the transmission and distribution of electrical energy

Single copy price: \$38.00

Obtain an electronic copy from: [www.global.ihs.com](http://www.global.ihs.com)

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

Send comments (with copy to BSR) to: Scott Choinski, (703) 841-3253, [scott.choinski@nema.org](mailto:scott.choinski@nema.org)



BSR C29.6-1996 (R200x), Wet-Process Porcelain Insulators - High Voltage Pin Type (reaffirmation of ANSI C29.6-1996 (R2002))

Covers materials, dimensions, physical characteristics, and testing information for high-voltage pin insulators made of wet process porcelain and used in the transmission and distribution of energy.

Single copy price: \$38.00

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

Send comments (with copy to BSR) to: Scott Choinski, (703) 841-3253, [scott.choinski@nema.org](mailto:scott.choinski@nema.org)

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

### Revisions

BSR/ICEA S-100-685-200x, Thermoplastic Insulated and Jacketed Telecommunications Station Wire for Indoor/Outdoor Use (revision of ANSI/ICEA S-100-685-2006)

Covers station wire intended primarily for application on the premises of communications users. The wire is intended for use between the point of demarcation (the network interface device/protector) and the telephone termination device within single- and multi-family dwellings. Materials, construction, and performance requirements are included in the Standard, together with applicable test procedures.

Single copy price: \$66.00

Order from: Eric Schweitzer, (703) 841-3276, [Eric.Schweitzer@NEMA.org](mailto:Eric.Schweitzer@NEMA.org)

Send comments (with copy to BSR) to: Same

## NEMA (National Electrical Manufacturers Association)

### New Standards

BSR/NEMA FL1-200x, Flashlight Basic Performance Standard (new standard)

Covers basic performance of hand-held/portable flashlights, spotlights and headlamps providing directional lighting.

Single copy price: \$50.00

Obtain an electronic copy from: [and\\_moldoveanu@nema.org](mailto:and_moldoveanu@nema.org)

Order from: Andrei Moldoveanu, (703) 841-3290, [and\\_moldoveanu@nema.org](mailto:and_moldoveanu@nema.org)

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## NSF (NSF International)

### Revisions

BSR/NSF 49-200x (i28), Biosafety Cabinetry: Design, Construction, Performance, and Field Certification (revision of ANSI/NSF 49-2008)

Issue 28 - To update the illustrations throughout the standard.

Single copy price: Free

Obtain an electronic copy from: [http://standards.nsf.org/apps/group\\_public/document.php?document\\_id=3603&wg\\_abbrev=](http://standards.nsf.org/apps/group_public/document.php?document_id=3603&wg_abbrev=)

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

Send comments (with copy to BSR) to: Same

## SPRI (Single Ply Roofing Institute)

### Reaffirmations

BSR/SPRI RD-1-2003 (R200x), Performance Standard for Retrofit Drains (reaffirmation of ANSI/SPRI RD-1-2003)

Provides a reference document on retrofit roof drains that are designed for installation in existing drain plumbing on existing roofs. This standard does not address roof design criteria.

Single copy price: \$5.00

Obtain an electronic copy from: [info@spri.org](mailto:info@spri.org)

Order from: Linda King, (781) 647-7026, [info@spri.org](mailto:info@spri.org)

Send comments (with copy to BSR) to: Same

## TCIA (ASC A300) (Tree Care Industry Association)

### Revisions

BSR A300 (Part 2)-200x, Tree Care Operations - Tree, Shrub, and Other Woody Plant Management - Standard Practices (Fertilization) (revision of ANSI A300 (Part 2)-2004)

Provides performance standards for the fertilization of trees, shrubs, and other woody plants. This standard is a guide in the drafting of fertilization specifications for consumers as well as federal, state, municipal, and private authorities including property owners, property managers, and utilities.

Single copy price: Free (Electronic copy); \$15.00 each for S&H (Paper copies)

Obtain an electronic copy from: [Rouse@tcia.org](mailto:Rouse@tcia.org)

Order from: Robert Rouse, (603) 314-5380, [Rouse@tcia.org](mailto:Rouse@tcia.org)

Send comments (with copy to BSR) to: Same

## UL (Underwriters Laboratories, Inc.)

### New Standards

BSR/UL 1993-200x, Standard for Self-Ballasted Lamps and Lamp Adapters (new standard)

For the complete scope of this standard, go to [page 13](#).

Single copy price: Contact comm2000 for pricing and delivery options

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Send comments (with copy to BSR) to: Heather Sakellariou, (847) 664-2346, [Heather.Sakellariou@us.ul.com](mailto:Heather.Sakellariou@us.ul.com)

BSR/UL 2245-200x, Standard for Safety for Below-Grade Vaults for Flammable Liquid Storage Tanks (new standard)

Covers below-grade vaults intended for the storage of flammable or combustible liquids in an aboveground atmospheric tank. Below-grade vaults are designed to contain one aboveground tank which can be a compartment tank. Adjacent vaults may share a common wall. The lid of the vault may be at or below-grade.

Single copy price: Contact comm2000 for pricing and delivery options

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Send comments (with copy to BSR) to: Jeffrey Prusko, (847) 664-3416, [jeffrey.prusko@us.ul.com](mailto:jeffrey.prusko@us.ul.com)

**New National Adoptions**

BSR/UL 60079-5-200x, Standard for Safety for Explosive Atmospheres - Part 5: Equipment Protection by Powder Filling "o" (national adoption with modifications and revision of ANSI/UL 60079-5-2007)

Provides changes to the proposal bulletin dated 07/18/08. The comment resolution matrix contains the comments received on the 07/18/08 proposal bulletin and the responses to those comments. Revisions to proposed requirements based upon these comments are included in the recirculation draft of the standard.

Single copy price: Contact comm2000 for pricing and delivery options

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Order from: comm2000

Send comments (with copy to BSR) to: Vickie Hinton, (919) 549-1851, [vickie.t.hinton@us.ul.com](mailto:vickie.t.hinton@us.ul.com)

BSR/UL 60079-6-200x, Standard for Safety for Explosive Atmospheres - Part 6: Equipment Protection by Oil Immersion "o" (national adoption with modifications and revision of ANSI/UL 60079-6-2002 (R2007))

Provides changes to the proposal bulletin dated 07/18/08. The comment resolution matrix contains the comments received on the 07/18/08 proposal bulletin and the responses to those comments. Revisions to proposed requirements based upon these comments are included in the recirculation draft of the standard.

Single copy price: Contact comm2000 for pricing and delivery options

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Send comments (with copy to BSR) to: Vickie Hinton, (919) 549-1851, [vickie.t.hinton@us.ul.com](mailto:vickie.t.hinton@us.ul.com)

**Revisions**

BSR/UL 486C-200x, Standard for Safety for Splicing Wire Connectors (revision of ANSI/UL 486C-2006)

Adds requirements for connectors for use with copper-clad aluminum conductors.

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 BSR) to: Marcia Kawate, (408) 754-6743, [Marcia.M.Kawate@us.ul.com](mailto:Marcia.M.Kawate@us.ul.com)

BSR/UL 486A-486B-200x, Standard for Safety for Wire Connectors (revision of ANSI/UL 486A-486B-2006)

Adds requirements for connectors for use with copper-clad aluminum conductors.

Single copy price: Contact comm2000 for pricing and delivery options

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Send comments (with copy to BSR) to: Marcia Kawate, (408) 754-6743, [Marcia.M.Kawate@us.ul.com](mailto:Marcia.M.Kawate@us.ul.com)

BSR/UL 561-200x, Standard for Safety for Floor-Finishing Machines (revision of ANSI/UL 561-2008)

Proposal (dated 12-19-08) includes revised requirements for leakage current measurements and deletes references to asbestos in the temperature test.

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 BSR) to: Paul Lloret, (408) 754-6500, [Paul.E.Lloret@us.ul.com](mailto:Paul.E.Lloret@us.ul.com)

BSR/UL 697-200x, Standard for Safety for Toy Transformers (revision of ANSI/UL 697-2008)

Proposes the following changes to UL 697:

- (1) Addition of an exception for ferrite-core-to-coil spacing for insulation;
- (2) Revision to 17.1 to apply regardless of input supply means;
- (3) Revision to Table 31.1 to address temperature rises in Class 155 insulation systems; and
- (4) Revision to 52.1 to describe the permanent marking method.

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Send comments (with copy to BSR) to: Jonette Herman, (919) 549-1400 x11479, [Jonette.A.Herman@us.ul.com](mailto:Jonette.A.Herman@us.ul.com)

BSR/UL 746B-200x, Standard for Safety for Polymeric Materials - Long Term Property Evaluations (revision of ANSI/UL 746B-2006)

The following proposals are presented for UL 746B:

- (1) Offset principle for impact testing; and
- (2) Generic RTI for E/TFE materials.

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Send comments (with copy to BSR) to: Raymond Suga, (631) 546-2593, [Raymond.M.Suga@us.ul.com](mailto:Raymond.M.Suga@us.ul.com)

**Reaffirmations**

BSR/UL 1820-2004 (R200x), Standard for Safety for Fire Test of Pneumatic Tubing for Flame and Smoke Characteristics (Proposal dated December 19, 2008) (reaffirmation of ANSI/UL 1820-2004)

Consists of a test method for determining values of flame propagation distance and optical smoke density for pneumatic tubing that is to be installed in ducts, plenums, and other spaces used for environmental air. The purpose of this test method is to determine whether the flame-propagation and smoke-generating characteristics of these tubes are in accordance with the provisions of Installation of Air Conditioning and Ventilating Systems, NFPA 90A.

Single copy price: Contact comm2000 for pricing and delivery options

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

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

BSR/UL 1887-2004 (R200x), Standard for Safety for Fire Test of Plastic Sprinkler Pipe for Visible Flame and Smoke Characteristics (Proposal Dated December 19, 2008) (reaffirmation of ANSI/UL 1887-2004)

Consists of a test method for determining values of flame propagation distance and optical smoke density for plastic sprinkler pipe that is to be installed in ducts, plenums, and other spaces used for environmental air.

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 BSR) to: Derrick Martin, (408) 754-6656, [Derrick.L.Martin@us.ul.com](mailto:Derrick.L.Martin@us.ul.com)

BSR/UL 2085-1999 (R200x), Standard of Safety for Protected Aboveground Tanks for Flammable and Combustible Liquids (reaffirmation of ANSI/UL 2085-1999)

Covers shop-fabricated, aboveground atmospheric Protected Tanks intended for storage of stable flammable, or combustible liquids that have a specific gravity not greater than 1.0 and that are compatible with the material and construction of the tank.

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

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Send comments (with copy to BSR) to: Jeffrey Prusko, (847) 664-3416, [jeffrey.prusko@us.ul.com](mailto:jeffrey.prusko@us.ul.com)

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

### New Standards

BSR/VITA 49.0-200x, VITA Radio Transport (VRT) Standard (new standard)

Develops a standard protocol for the interoperable digital transmission of RF data across a backplane.

Single copy price: Free

Obtain an electronic copy from: [techdir@vita.com](mailto:techdir@vita.com)

Send comments (with copy to BSR) to: John Rynearson, (480) 837 7486, [techdir@vita.com](mailto:techdir@vita.com)

BSR/VITA 49.1-200x, VITA Radio Link Layer (VRL) (new standard)

This document develops a standard encapsulation protocol for VITA 49.0 (VRT) packets.

Single copy price: Free

Obtain an electronic copy from: [techdir@vita.com](mailto:techdir@vita.com)

Send comments (with copy to BSR) to: John Rynearson, (480) 837 7486, [techdir@vita.com](mailto:techdir@vita.com)

## Comment Deadline: February 17, 2009

Reaffirmations and withdrawals available electronically may be accessed at: [webstore.ansi.org](http://webstore.ansi.org)

## ANS (American Nuclear Society)

### Reaffirmations

BSR/ANS 2.23-2002 (R200x), Nuclear Plant Response to an Earthquake (reaffirmation of ANSI/ANS 2.23-2002)

Specifies actions that the owner of a nuclear power plant should take in the event of an earthquake. The requirements of this standard supplement those given in American National Standard Criteria for the Handling and Initial Evaluation of Records from Nuclear Power Plant Seismic Instrumentation, ANSI/ANS-2.10- 2003. The application of these standards provides a complete evaluation of the need for post-earthquake plant shutdown in a timely manner.

Single copy price: \$102.00

Obtain an electronic copy from: [orders@ans.org](mailto:orders@ans.org)

Order from: Sue Cook, (708) 579-8210, [orders@ans.org](mailto:orders@ans.org)

Send comments (with copy to BSR) to: Patricia Schroeder, (708) 579-8269, [pschroeder@ans.org](mailto:pschroeder@ans.org)

## ASME (American Society of Mechanical Engineers)

### New Standards

BSR/ASME A112.18.8-200x, In-Line Sanitary Waste Valves for Plumbing Drainage Systems (new standard)

Establishes minimum requirements for materials in the construction of sanitary waste valves for use as an alternate to tubular P-traps, and prescribes minimum test requirements for the performance of the valve, together with methods of marking and identification.

Single copy price: \$20.00

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

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

Send comments (with copy to BSR) to: Calvin Gomez, (212) 591-7021, [gomez@asme.org](mailto:gomez@asme.org)

### Reaffirmations

BSR/ASME B18.18.5M-1998 (R200x), Inspection and Quality Assurance Plan Requiring In-Process Inspection and Controls (reaffirmation of ANSI/ASME B18.18.5M-1998 (R2003))

Outlines a Quality Assurance Plan for internally and externally threaded fasteners and accessories or associated parts. Provisions are included for sampling plans, inspection frequencies, control procedures, and record keeping. The basic structure of this plan outlines the quality assurance provisions for fasteners manufactured and processed using in-process controls. Included are fasteners produced by one manufacturing practice requiring records of in-process inspection and tests which are maintained by the producer.

Single copy price: \$35.00

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

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

Send comments (with copy to BSR) to: Angel Guzman, (212) 591-8018, [guzman@asme.org](mailto:guzman@asme.org)

BSR/ASME B18.18.7M-1998 (R200x), Quality Assurance Plan for Fasteners Produced in a Customer Approved Control Plan (reaffirmation of ANSI/ASME B18.18.7M-1998 (R2003))

Describes a plan that is based on the concept that a written control plan outlining the fastener manufacturing process and identification of its control points will provide an orderly procedure for controlling and minimizing process and product variation. Factors usually considered when developing a control plan include past history, machine capacity and capability, new or special customer requirement(s), and a PFMEA (potential failure mode and effects analysis).

Single copy price: \$30.00

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

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

Send comments (with copy to BSR) to: Angel Guzman, (212) 591-8018, [guzman@asme.org](mailto:guzman@asme.org)

BSR/ASME B18.16M-2004 (R200x), Prevailing-Torque Type Steel Metric Hex Nuts and Hex Flange Nuts (reaffirmation of ANSI/ASME B18.16M-2004)

Covers the complete general, dimensional, mechanical, and performance data for metric prevailing-torque hex nuts and hex flange nuts of property classes 5, 9, and 10 as defined in ASTM A563M. The inclusion of dimensional data in this Standard is not intended to imply that all of the nut sizes in conjunction with the various options described herein are stock items. Consumers should consult with suppliers concerning lists of stock production prevailing-torque hex and hex flange nuts.

Single copy price: \$36.00

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

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

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

## 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:

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

ANSI/ASAE S201.4-DEC82 (RAPR200x), Application of Hydraulic Remote Control Cylinders to Agricultural Tractors and Trailing-Type Agricultural Implements (reaffirmation of ANSI/ASAE S201.4-DEC82 (RAPR2003))

## **CEA (Consumer Electronics Association)**

BSR/CEA 2019-200x, Testing and Measurement Methods for Audio Amplifiers (new standard)

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

BSR/INCITS/ISO/IEC 19776-2:2005 - Amendment 1-200x, Information technology - Computer graphics, image processing and environmental data representation - Extensible 3D (X3D) encodings - Part 2: Classic VRML encoding - Amendment 1 (identical national adoption of ISO/IEC 19776-2:2005 - Amendment 1:2008)

INCITS/ISO/IEC TR 19758/Amd 1:2005, Information technology - Document description and processing languages - DSSSL library for complex compositions - Amendment 1: Extensions to basic composition styles and tables (identical national adoption of TR 19758/Amd 1:2005)

INCITS/ISO/IEC TR 19758/Amd 2:2005, Information technology - Document description and processing languages - DSSSL library for complex compositions - Amendment 2: Extensions to multilingual compositions (South-East Asian compositions) (identical national adoption of TR 19758/Amd 2:2005)

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

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

ANSI/ASTM D6454-1998, Guide for Sampling Plan and Core Sampling of Carbon Cathode Blocks Used in Aluminum Production

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

BSR/UL 1993-200x, Standard for Self-Ballasted Lamps and Lamp Adapters (new standard)

The following topics for the Standard for Self-Ballasted Lamps and Lamp Adapters, UL 1993, are being recirculated:

- (1) This proposed Third Edition of the Standard for Self-Ballasted Lamps and Lamp Adapters, UL 1993, includes the following major changes from the previous edition:
  - (a) Expansion of the scope to include range of products intended to be covered by the standard;
  - (b) Added list of reference publications;
  - (c) Added and revised glossary definitions;
  - (d) Added new section containing general requirements covering basic assumptions and conventions;
  - (e) Relocated requirements for enclosures;
  - (f) Revised and relocated requirements covering polymeric materials including a change in the flammability requirement from V-1 to V -0;
  - (g) Revised and relocated requirements covering weight, size, and moment;
  - (h) Expanded requirements covering lamp bases and lampholders;
  - (i) Changes in requirements for printed circuit boards;
  - (j) Added requirements covering LED driver circuitry;
  - (k) Relocated requirements for power capacitors;
  - (l) Added requirements for lamp tests for fluorescent lamp light sources;
  - (m) Revised requirements for spacing of electrical parts;
  - (n) Added new requirements for accessibility of live parts;
  - (o) Added requirements for limits for LED light sources;
  - (p) Added requirements for non-discharge lamps;
  - (q) Revised requirements for environmental locations;
  - (r) Revised and relocated performance test requirements;
  - (s) Added temperature test requirements for devices with input rating greater than 50 W;
  - (t) Revised and relocated requirements for mold-stress relief conditioning;
  - (u) Added requirements for a deflection test;
  - (v) Revised humidity conditioning requirements;
  - (w) Added requirements for lamp fault conditions test;
  - (x) Added requirements for end-of-lamp-life test for fluorescent lamp adapters;
  - (y) Added requirements for end-of-lamp-life test for integrally self -ballasted fluorescent lamps;
  - (z) Added new section for test apparatus;
  - (aa) Revised marking section in order to provide clarification of requirements; and
  - (ab) Miscellaneous editorial revisions such as relocating requirements throughout the standard, correcting references, and editorial clarifications

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 BSR) to: Heather Sakellariou, (847) 664-2346,  
Heather.Sakellariou@us.ul.com

# Call for Comment Contact Information

The addresses listed in this section are to be used in conjunction with standards listed in Call for Comment. This section is a list of developers who have submitted standards for public review in this issue of *Standards Action* – it is not intended to be a list of all ANSI developers. Please send all address corrections to: Standards Action Editor, American National Standards Institute, 25 West 43rd Street, New York, NY 10036 or [standact@ansi.org](mailto:standact@ansi.org).

## Order from:

### AAMI

Association for the Advancement  
of Medical Instrumentation  
1110 N Glebe Rd, Ste 220  
Arlington, VA 22201-4795  
Phone: (703) 525-4890  
Fax: (703) 276-0793  
Web: [www.aami.org](http://www.aami.org)

### ABMA (ASC B3)

American Bearing Manufacturers  
Association  
2025 M Street - Suite 800  
Washington, DC 20036-3309  
Phone: (919) 481-2852  
Fax: (919) 827-4587  
Web: [www.abma-dc.org](http://www.abma-dc.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/index.cfm](http://www.abycinc.org/index.cfm)

### ANS

American Nuclear Society  
555 North Kensington Avenue  
La Grange Park, IL 60525  
Phone: (708) 579-8210  
Fax: (708) 352-6464  
Web: [www.ans.org/main.html](http://www.ans.org/main.html)

### ANSI

American National Standards  
Institute  
25 West 43rd Street  
4th Floor  
New York, NY 10036  
Phone: (212) 642-4980  
Fax: (303) 379-2740

### ASABE

American Society of Agricultural  
and Biological Engineers  
2950 Niles Road  
St Joseph, MI 49085  
Phone: (269) 429-0300  
Fax: (269) 429-3852  
Web: [www.asabe.org](http://www.asabe.org)

### ASHRAE

ASHRAE  
1791 Tullie Circle NE  
Atlanta, GA 30329  
Phone: (678) 539-1111  
Fax: (678) 539-2111  
Web: [www.ashrae.org](http://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](http://www.asme.org)

### ASTM

ASTM International  
100 Barr Harbor Drive  
West Conshohocken, PA  
19428-2959  
Phone: (610) 832-9743  
Web: [www.astm.org](http://www.astm.org)

### ATIS

ATIS  
1200 G Street, NW, Ste. 500  
Washington, DC 20005  
Phone: (202) 434-8841  
Fax: (202) 347-7125  
Web: [www.atis.org](http://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](http://www.aws.org)

### comm2000

1414 Brook Drive  
Downers Grove, IL 60515

### CSA

CSA America, Inc.  
8501 E. Pleasant Valley Rd.  
Cleveland, OH 44131  
Phone: (216) 524-4990  
Fax: (216) 520-5979  
Web: [www.csa-america.org/](http://www.csa-america.org/)

### Global Engineering Documents

Global Engineering Documents  
15 Inverness Way East  
Englewood, CO 80112-5704  
Phone: (800) 854-7179  
Fax: (303) 379-2740

### HL7

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

### NCPDP

National Council for Prescription  
Drug Programs  
9240 East Raintree Drive  
Scottsdale, AZ 85260  
Phone: (512) 291-1356  
Fax: (480) 767-1042  
Web: [www.ncpdp.org](http://www.ncpdp.org)

### NEMA (ASC C8)

National Electrical Manufacturers  
Association  
1300 North 17th Street, Suite 1752  
Rosslyn, VA 22209  
Phone: (703) 841-3276  
Fax: (703) 841-3376  
Web: [www.nema.org](http://www.nema.org)

### SPRI

Single Ply Roofing Institute  
411 Waverley Oaks Road  
Suite 331B  
Waltham, MA 02452  
Phone: (781) 647-7026  
Fax: (781) 647-7222  
Web: [www.spri.org](http://www.spri.org)

### TCIA (ASC A300)

Tree Care Industry Association  
3 Perimeter Road - Unit 1  
Manchester, NH 03103  
Phone: (603) 314-5380  
Fax: (603) 314-5386  
Web:  
[www.trecareindustry.org/index.aspx](http://www.trecareindustry.org/index.aspx)

## Send comments to:

### AAMI

Association for the Advancement  
of Medical Instrumentation  
1110 N Glebe Rd, Ste 220  
Arlington, VA 22201-4795  
Phone: (703) 525-4890  
Fax: (703) 276-0793  
Web: [www.aami.org](http://www.aami.org)

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American Bearing Manufacturers  
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2025 M Street - Suite 800  
Washington, DC 20036-3309  
Phone: (919) 481-2852  
Fax: (919) 827-4587  
Web: [www.abma-dc.org](http://www.abma-dc.org)

### ABYC

American Boat and Yacht Council  
613 Third Street  
Suite 10  
Annapolis, MD 21403  
Phone: (410) 990-4460, Ext. 24  
Fax: (410) 990-4466  
Web: [www.abycinc.org/index.cfm](http://www.abycinc.org/index.cfm)

### AMT (ASC B11)

Association for Manufacturing  
Technology  
7901 Westpark Drive  
McLean, VA 22102-4206  
Phone: (703) 827-5211  
Fax: (703) 893-1151  
Web: [www.amtonline.org](http://www.amtonline.org)

### ANS

American Nuclear Society  
555 North Kensington Avenue  
La Grange Park, IL 60525  
Phone: (708) 579-8269  
Fax: (708) 352-6464  
Web: [www.ans.org/main.html](http://www.ans.org/main.html)

### ASABE

American Society of Agricultural  
and Biological Engineers  
2950 Niles Road  
St Joseph, MI 49085  
Phone: (269) 429-0300  
Fax: (269) 429-3852  
Web: [www.asabe.org](http://www.asabe.org)

### ASHRAE

ASHRAE  
1791 Tullie Circle NE  
Atlanta, GA 30329  
Phone: (678) 539-1111  
Fax: (678) 539-2111  
Web: [www.ashrae.org](http://www.ashrae.org)

### ASME

American Society of Mechanical  
Engineers (ASME)  
3 Park Avenue, 20th Floor  
New York, NY 10016  
Phone: (212) 591-7021  
Fax: (212) 591-8501  
Web: [www.asme.org](http://www.asme.org)

### ASTM

ASTM International  
100 Barr Harbor Drive  
West Conshohocken, PA  
19428-2959  
Phone: (610) 832-9743  
Web: [www.astm.org](http://www.astm.org)

### ATIS

ATIS  
1200 G Street, NW, Ste. 500  
Washington, DC 20005  
Phone: (202) 434-8841  
Fax: (202) 347-7125  
Web: [www.atis.org](http://www.atis.org)

### AWS

American Welding Society  
550 N.W. LeJeune Road  
Miami, FL 33126  
Phone: (305) 443-9353, Ext. 466  
Fax: (305) 443-5951  
Web: [www.aws.org](http://www.aws.org)

### CSA

CSA America, Inc.  
8501 E. Pleasant Valley Rd.  
Cleveland, OH 44131  
Phone: (216) 524-4990  
Fax: (216) 520-5979  
Web: [www.csa-america.org/](http://www.csa-america.org/)

### EIA

Electronic Industries Alliance  
2500 Wilson Boulevard  
Suite 300  
Arlington, VA 22201-3834  
Phone: (703) 907-7421  
Fax: (703) 907-7601  
Web: [www.eia.org](http://www.eia.org)

### HL7

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

### ITI (INCITS)

ITI (INCITS)  
1250 Eye Street, NW  
Suite 200  
Washington, DC 20005  
Phone: (202) 626-5743  
Fax: (202) 638-4922  
Web: [www.incits.org](http://www.incits.org)

### NCPDP

National Council for Prescription  
Drug Programs  
9240 East Raintree Drive  
Scottsdale, AZ 85260  
Phone: (512) 291-1356  
Fax: (480) 767-1042  
Web: [www.ncpdp.org](http://www.ncpdp.org)

### NEMA (ASC C12)

National Electrical Manufacturers  
Association  
1300 North 17th Street, Suite 1847  
Rosslyn, VA 22209  
Phone: (703) 717-5658  
Fax: (703) 841-3327  
Web: [www.nema.org](http://www.nema.org)

### NEMA (ASC C29)

National Electrical Manufacturers  
Association  
1300 North 17th Street, Suite 1752  
Rosslyn, VA 22209  
Phone: (703) 841-3253  
Fax: (703) 841-3353  
Web: [www.nema.org](http://www.nema.org)

### NEMA (ASC C8)

National Electrical Manufacturers  
Association  
1300 North 17th Street, Suite 1752  
Rosslyn, VA 22209  
Phone: (703) 841-3276  
Fax: (703) 841-3376  
Web: [www.nema.org](http://www.nema.org)

### NSF

NSF International  
789 Dixboro Road  
Ann Arbor, MI 48105  
Phone: (734) 827-6819  
Fax: (734) 827-7875  
Web: [www.nsf.org](http://www.nsf.org)

### SPRI

Single Ply Roofing Institute  
411 Waverley Oaks Road  
Suite 331B  
Waltham, MA 02452  
Phone: (781) 647-7026  
Fax: (781) 647-7222  
Web: [www.spri.org](http://www.spri.org)

### TCIA (ASC A300)

Tree Care Industry Association  
3 Perimeter Road - Unit 1  
Manchester, NH 03103  
Phone: (603) 314-5380  
Fax: (603) 314-5386  
Web:  
[www.treecareindustry.org/index.aspx](http://www.treecareindustry.org/index.aspx)

### UL-CA

Underwriters Laboratories, Inc.  
455 E. Trimble Rd.  
San Jose, CA 95131  
Phone: (408) 754-6656  
Fax: (408) 689-6656

### UL-IL

Underwriters Laboratories, Inc.  
333 Pfingsten Road  
Northbrook, IL 60062  
Phone: (847) 664-3416  
Fax: (847) 313-3416

### UL-NC

Underwriters Laboratories, Inc.  
12 Laboratory Drive  
Research Triangle Park, NC  
27709  
Phone: (919) 549-1851  
Fax: (919) 549-6181

### UL-NY

Underwriters Laboratories, Inc.  
1285 Walt Whitman Road  
Melville, NY 11747  
Phone: (631) 546-2593  
Fax: (631) 439-6021

### 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/](http://www.vita.com/)



# Call for Members (ANS Consensus Bodies)

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

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

**Office:** 1110 N Glebe Rd, Ste 220  
Arlington, VA 22201-4795

**Contact:** Jennifer Moyer

**Phone:** (703) 525-4890

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

**E-mail:** jmoyer@aami.org

BSR/AAMI/ISO 14708-5-200x, Implants for surgery - Active implantable medical devices - Part 5: Circulatory support devices (identical national adoption of ISO 14708-5:200x - currently under development)

## ASTM (ASTM International)

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

**Contact:** Corice Leonard

**Phone:** (610) 832-9743

**E-mail:** cleonard@astm.org

BSR/ASTM WK17125-200x, Test Method for Determination of Fuel Filter Blocking Potential of Biodiesel (B100) Blend Stock by Cold Soak Laboratory Filtration (new standard)

## CEA (Consumer Electronics Association)

**Office:** 1919 S. Eads Street  
Arlington, VA 22202

**Contact:** Leslie King

**Phone:** (703) 907-4327

**Fax:** (703) 907-7601

**E-mail:** lking@ce.org; Carce@ce.org

ANSI/CEA 633.31-1997 (R2004), Power Line Physical Layer Conformance Specification (withdrawal of ANSI/CEA 633.31-1997 (R2004))

ANSI/CEA 633.32-1997 (R2004), Twisted Pair Physical Layer Conformance (withdrawal of ANSI/CEA 633.32-1997 (R2004))

ANSI/CEA 633.81-2000, CAL Conformance Specification (withdrawal of ANSI/CEA 633.81-2000)

ANSI/CEA 776.1-1999, CEBus-EIB Router Communication Protocol - Description of the CEBus-EIB Router (withdrawal of ANSI/CEA 776.1-1999)

ANSI/CEA 776.2-1999, CEBus-EIB Router Communications Protocol - CEBus-EIB Router Medium Access Control Sublayer (withdrawal of ANSI/CEA 776.2-1999)

ANSI/CEA 776.3-1999, CEBus-EIB Router Communications Protocol - CEBus-EIB Router Logical Link Control Sublayer (withdrawal of ANSI/CEA 776.3-1999)

ANSI/CEA 776.5-1999, CEBus-EIB Router Communications Protocol - The EIB Communications Protocol (withdrawal of ANSI/CEA 776.5-1999)

BSR/CEA 774-B-200x, TV Receiving Antenna Performance Presentation and Measurement (new standard)

BSR/CEA 2028-A-200x, Color Codes for Outdoor TV Receiving Antennas (revision of ANSI/CEA 2028-2005)

BSR/CEA 2032-A-200x, Indoor TV Receiving Antenna Performance Standard (revision of ANSI/CEA 2032-2005)

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

**Office:** 1250 Eye Street, NW  
Suite 200  
Washington, DC 20005

**Contact:** Barbara Bennett

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

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

**E-mail:** bbennett@itic.org

BSR INCITS 378-200x, Information technology - Finger Minutiae Format for Data Interchange (revision of ANSI INCITS PN-1564-R-200x)

BSR/INCITS/ISO/IEC 15948-200x, Information technology - Computer graphics and image processing - Portable Network Graphics (PNG): Functional specification (identical national adoption of ISO/IEC 15948:2004)

BSR/INCITS/ISO/IEC 18023-1-200x, Information technology - SEDRIS language bindings - Part 1: Functional specification (identical national adoption of ISO/IEC 18023-1:2006)

BSR/INCITS/ISO/IEC 18023-2-200x, Information technology - SEDRIS - Part 2: Abstract transmittal format (identical national adoption of ISO/IEC 18023-2:2006)

BSR/INCITS/ISO/IEC 18023-3-200x, Information technology - SEDRIS - Part 3: Transmittal format binary encoding (identical national adoption of ISO/IEC 18023-3:2006)

BSR/INCITS/ISO/IEC 18024-4-200x, Information technology - SEDRIS language bindings - Part 4: C (identical national adoption of ISO/IEC 18024-4:2006)

BSR/INCITS/ISO/IEC 18025-200x, Information technology - Environmental Data Coding Specification (EDCS) (identical national adoption of ISO/IEC 18025:2005)

BSR/INCITS/ISO/IEC 18041-4-200x, Information technology - Computer graphics, image processing and environmental data representation - Environmental Data Coding Specification (EDCS) language bindings - Part 4: C (identical national adoption of ISO/IEC 18041-4:2007)

BSR/INCITS/ISO/IEC 18042-4-200x, Information technology - Computer graphics and image processing - Spatial Reference Model (SRM) language bindings - Part 4: C (identical national adoption of ISO/IEC 18042-4:2006)

BSR/INCITS/ISO/IEC 19757-8-200x, Information technology - Document Schema Definition Languages (DSDL) - Part 8: Document Semantics Renaming Language (DSRL) (identical national adoption of ISO/IEC 19757-8:2008)

BSR/INCITS/ISO/IEC 19757-9-200x, Information technology - Document Schema Definition Languages (DSDL) - Part 9: Namespace and datatype declaration in Document Type Definitions (DTDs) (identical national adoption of ISO/IEC 19757-9:2008)

BSR/INCITS/ISO/IEC 19774-200x, Information technology - Computer graphics and image processing - Humanoid Animation (H-Anim) (identical national adoption of ISO/IEC 19774:2006)

BSR/INCITS/ISO/IEC 19775-2-200x, Information technology - Computer graphics and image processing - Extensible 3D (X3D) - Part 2: Scene Access Interface (SAI) (identical national adoption of ISO/IEC 19775-2:2004)

BSR/INCITS/ISO/IEC 19776-1-200x, Information technology - Computer graphics, image processing and environmental data representation -- Extensible 3D (X3D) encodings - Part 1: Extensible Markup Language (XML) encoding (identical national adoption of ISO/IEC 19776-1:2005)

BSR/INCITS/ISO/IEC 19776-2-200x, Information technology - Computer graphics, image processing and environmental data representation - Extensible 3D (X3D) encodings - Part 2: Classic VRML encoding (identical national adoption of ISO/IEC 19776-2:2008)

BSR/INCITS/ISO/IEC 19776-3-200x, Information technology - Computer graphics, image processing and environmental data representation - Extensible 3D (X3D) encodings - Part 3: Compressed binary encoding (identical national adoption of ISO/IEC 19776-3:2007)

BSR/INCITS/ISO/IEC 19776-1-2005 - Amendment 1-200x, Information technology - Computer graphics, image processing and environmental data representation - Extensible 3D (X3D) encodings - Part 1: Extensible Markup Language encoding (XML) - Amendment 1 (identical national adoption of ISO/IEC 19776-1:2005 - Amendment 1:2007)

#### **SSFI (Scaffolding, Shoring & Forming Institute)**

**Office:** 1300 Sumner Avenue  
Cleveland, OH 44115-2851

**Contact:** *Christopher Johnson*

**Phone:** (216) 241-7333

**Fax:** (216) 241-0105

**E-mail:** [cjohnson@thomasamc.com](mailto:cjohnson@thomasamc.com); [jboyle@thomasamc.com](mailto:jboyle@thomasamc.com)

BSR/SSFI SPS 4.1-200x, Access work cages for wind turbines (new standard)

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

**Office:** 455 E. Trimble Rd.  
San Jose, CA 95131

**Contact:** *Marcia Kawate*

**Phone:** (408) 754-6743

**Fax:** (408) 689-6743

**E-mail:** [Marcia.M.Kawate@us.ul.com](mailto:Marcia.M.Kawate@us.ul.com)

BSR/UL 147-200x, Standard for Safety for Hand-held Torches for Fuel Gases (revision of ANSI/UL 147-2006)

BSR/UL 147A-200x, Standard for Safety for Nonrefillable (Disposable) Type Fuel Gas Cylinder Assemblies (revision of ANSI/UL 147A-2006)

BSR/UL 486C-200x, Standard for Safety for Splicing Wire Connectors (revision of ANSI/UL 486C-2006)

BSR/UL 486A-486B-200x, Standard for Safety for Wire Connectors (revision of ANSI/UL 486A-486B-2006)

# 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.

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

### *New National Adoptions*

ANSI/AAMI/IEC 80601-2-58-2008, Medical electrical equipment - Part 2-58: Particular requirements for basic safety and essential performance of lens removal devices and vitrectomy device for ophthalmic surgery (identical national adoption of IEC 80601-2-58): 12/10/2008

### *Reaffirmations*

ANSI/AAMI ST55-2003 (R2008), Table-top steam sterilizers (reaffirmation of ANSI/AAMI ST55-2003): 12/15/2008

## AHAM (Association of Home Appliance Manufacturers)

### *Reaffirmations*

ANSI/AHAM AC-2-2006 (R2008), Method for Sound Testing of Portable Household Electric Room Air Cleaners (reaffirmation of ANSI/AHAM AC-2-2006): 12/15/2008

## API (American Petroleum Institute)

### *New National Adoptions*

ANSI/API RP13B-1/ISO 10414-1-2008, Recommended Practice for Field Testing Water-Based Drilling Fluids (identical national adoption of ISO 10414-1): 12/9/2008

## ASME (American Society of Mechanical Engineers)

### *Revisions*

ANSI/ASME B107.42-2008, Hatchets and Axes (revision, redesignation and consolidation of ANSI/ASME B107.42M-1997 (R2004) and ANSI/ASME B107.55M-2002): 12/10/2008

## ASTM (ASTM International)

### *New Standards*

ANSI/ASTM D5364-2008, Guide for Design, Fabrication, and Erection of Fiberglass Reinforced Plastic Chimney Liners with Coal-Fired Units (new standard): 11/25/2008

ANSI/ASTM E1402-2008, Terminology Relating to Sampling (new standard): 11/25/2008

ANSI/ASTM E2655-2008, Guide for Reporting Uncertainty of Test Results and Use of the Term Measurement Uncertainty in ASTM Test Methods (new standard): 11/25/2008

ANSI/ASTM F2136-2008, Test Method for Notched, Constant Ligament-Stress (NCLS) Test to Determine Slow-Crack-Growth Resistance of HDPE Resins or HDPE Corrugated Pipe (new standard): 11/25/2008

ANSI/ASTM F2748-2008, Specification for Low Energy Air Guns (less Than 1 Joule) (new standard): 11/25/2008

### *Reaffirmations*

ANSI/ASTM D918-1993 (R2008), Test Method for Blocking Resistance of Paper and Paperboard (reaffirmation of ANSI/ASTM D918-1993 (R2003)): 11/25/2008

ANSI/ASTM D2609-2002 (R2008), Specification for Plastic Insert Fittings for Polyethylene (PE) Plastic Pipe (reaffirmation of ANSI/ASTM D2609-2002): 11/25/2008

ANSI/ASTM D2749-2002 (R2008), Symbols for Dimensions of Plastic Pipe Fittings (reaffirmation of ANSI/ASTM D2749-2002): 11/25/2008

ANSI/ASTM D2949-2000 (R2008), Specification for 3.25-in. Outside Diameter Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings (reaffirmation of ANSI/ASTM D2949-2000): 11/25/2008

ANSI/ASTM D4987-1994 (R2008), Test Method for Tensile Breaking Strength of Perforations in One-Part Continuous Forms Paper (reaffirmation of ANSI/ASTM D4987-1994 (R2003)): 11/25/2008

ANSI/ASTM D5725-1997 (R2008), Test Method for Surface Wettability and ABSorbency of Sheeted Materials Using an Automated Contact Angle Tester (reaffirmation of ANSI/ASTM D5725-1997 (R2003)): 11/25/2008

ANSI/ASTM F409-2002 (R2008), Specification for Thermoplastic Accessible and Replaceable Plastic Tube and Tubular Fittings (reaffirmation of ANSI/ASTM F409-2002): 11/25/2008

ANSI/ASTM F441/F441M-1999 (R2008), Specification for Chlorinated Poly(Vinyl Chloride) (CPVC) Plastic Pipe, Schedules 40 and 80 (reaffirmation of ANSI/ASTM F441/F441M-1999): 11/25/2008

ANSI/ASTM F449-2002 (R2008), Practice for Subsurface Installation of Corrugated Polyethylene Pipe for Agricultural Drainage or Water Table Control (reaffirmation of ANSI/ASTM F449-2002): 11/25/2008

ANSI/ASTM F681-1982 (R2008), Practice for Use of Branch Connections (reaffirmation of ANSI/ASTM F681-1982 (R2004)): 11/25/2008

ANSI/ASTM F682-1982A (R2008), Specification for Wrought Carbon Steel Sleeve-Type Pipe Couplings (reaffirmation of ANSI/ASTM F682-1982A (R1998)): 11/25/2008

ANSI/ASTM F708-1997 (R2008), Practice for Design and Installation of Rigid Pipe Hangers (reaffirmation of ANSI/ASTM F708-1997 (R2004)): 11/25/2008

ANSI/ASTM F721-81 (R2008), Specification for Gage Piping Assemblies (reaffirmation of ANSI/ASTM F721-81 (R2004)): 11/25/2008

ANSI/ASTM F722-82 (R2008), Specification for Welded Joints for Shipboard Piping Systems (reaffirmation of ANSI/ASTM F722-82 (R2004)): 11/25/2008

ANSI/ASTM F856-1997 (R2008), Practice for Mechanical Symbols, Shipboard - Heating, Ventilation, and Air Conditioning (HVAC) (reaffirmation of ANSI/ASTM F856-1997 (R2004)): 11/25/2008

ANSI/ASTM F913-2002 (R2008), Specification for Thermoplastic Elastomeric Seals (Gaskets) for Joining Plastic Pipe (reaffirmation of ANSI/ASTM F913-2002): 11/25/2008

ANSI/ASTM F986-1997 (R2008), Specification for Suction Strainer Boxes (reaffirmation of ANSI/ASTM F986-1997 (R2004)): 11/25/2008

ANSI/ASTM F1006-1997 (R2008), Specification for Entrainment Separators for Use in Marine Piping Applications (reaffirmation of ANSI/ASTM F1006-1997 (R2004)): 11/25/2008

ANSI/ASTM F1030-86 (R2008), Practice for Selection of Valve Operators (reaffirmation of ANSI/ASTM F1030-86 (R2004)): 11/25/2008

ANSI/ASTM F1075-1997 (R2008), Specification for Dehumidifier, Shipboard, Mechanically Refrigerated, Self-Contained (reaffirmation of ANSI/ASTM F1075-1997 (R2004)): 11/25/2008

ANSI/ASTM F1499-2001 (R2008), Specification for Coextruded Composite Drain, Waste, and Vent Pipe (DWV) (reaffirmation of ANSI/ASTM F1499-2001): 11/25/2008

ANSI/ASTM F1648-1995 (R2008), Test Methods for Archery Bowstring Component - Serving String Material (reaffirmation of ANSI/ASTM F1648-1995 (R2003)): 11/25/2008

#### **Revisions**

ANSI/ASTM D2290-2008, Test Method for Apparent Hoop Tensile Strength of Plastic or Reinforced Plastic Pipe by Split Disk Method (revision of ANSI/ASTM D2290-2004): 11/25/2008

ANSI/ASTM D2321-2008, Practice for Underground Installation of Thermoplastic Pipe for Sewers and Other Gravity-Flow Applications (revision of ANSI/ASTM D2321-2005): 12/1/2008

ANSI/ASTM D2513-2008a, Specification for Thermoplastic Gas Pressure Pipe, Tubing, and Fittings (revision of ANSI/ASTM D2513-2008): 11/25/2008

ANSI/ASTM D2665-2008a, Specification for Poly(Vinyl Chloride) (PVC) Plastic Drain, Waste, and Vent Pipe and Fittings (revision of ANSI/ASTM D2665-2008): 11/25/2008

ANSI/ASTM D3982-2008, Specification for Contact Molded "Fiberglass" (Glass Fiber Reinforced Thermosetting Resin) Ducts (revision of ANSI/ASTM D3982-2003): 11/25/2008

ANSI/ASTM E29-2008, Practice for Using Significant Digits in Test Data to Determine Conformance with Specifications (revision of ANSI/ASTM E29-2006b): 11/25/2008

ANSI/ASTM E177-2008, Practice for Use of the Terms Precision and Bias in ASTM Test Methods (revision of ANSI/ASTM E177-2006a): 11/25/2008

ANSI/ASTM E178-2008, Practice for Dealing with Outlying Observations (revision of ANSI/ASTM E178-2002): 11/25/2008

ANSI/ASTM E691-2008, Practice for Conducting an Interlaboratory Study to Determine the Precision of a Test Method (revision of ANSI/ASTM E691-2005): 11/25/2008

ANSI/ASTM E1488-2008, Guide for Statistical Procedures to Use in Developing and Applying Test Methods (revision of ANSI/ASTM E1488-2008): 11/25/2008

ANSI/ASTM E1994-2008, Practice for Use of Process Oriented AOQL and LTPD Sampling Plans (revision of ANSI/ASTM E1994-1998 (R2003)): 11/25/2008

ANSI/ASTM E2234-2008, Practice for Sampling a Stream of Product by Attributes Indexed by AQL (revision of ANSI/ASTM E2234-2005): 11/25/2008

ANSI/ASTM E2281-2008a, Practice for Process and Measurement Capability Indices (revision of ANSI/ASTM E2281-2008): 11/25/2008

ANSI/ASTM E2334-2008, Practice for Setting an Upper Confidence Bound for a Fraction or Number of Non-Conforming Items, or a Rate of Occurrence for Non-Conformities, Using Attribute Data, When There Is a Zero Response in the Sample (revision of ANSI/ASTM E2334-2003): 11/25/2008

ANSI/ASTM F876-2008b, Specification for Crosslinked Polyethylene (PEX) Tubing (revision of ANSI/ASTM F876-2008a): 12/1/2008

ANSI/ASTM F963-2008a, Consumer Safety Specification for Toy Safety (revision of ANSI/ASTM F963-2008): 12/1/2008

ANSI/ASTM F1216-2008, Practice for Rehabilitation of Existing Pipelines and Conduits by the Inversion and Curing of a Resin-Impregnated Tube (revision of ANSI/ASTM F1216-2007a): 11/25/2008

ANSI/ASTM F1323-2008, Specification for Shipboard Incinerators (revision of ANSI/ASTM F1323-2001): 11/25/2008

ANSI/ASTM F1435-2008, Specification for Designation of the Balance Point Location for Archery Arrows (revision of ANSI/ASTM F1435-2004): 11/25/2008

ANSI/ASTM F1974-2008, Specification for Metal Insert Fittings for Polyethylene/Aluminum/Polyethylene and Crosslinked Polyethylene/Aluminum/Crosslinked Polyethylene Composite Pressure Pipe (revision of ANSI/ASTM F1974-2004): 11/25/2008

ANSI/ASTM F2030-2008, Specification for Paintball Cylinder Burst Disk Assemblies (revision of ANSI/ASTM F2030-2000): 11/25/2008

ANSI/ASTM F2107-2008, Guide for Construction and Maintenance of Skinned Areas on Baseball and Softball Fields (revision of ANSI/ASTM F2107-2007): 11/25/2008

ANSI/ASTM F2157-2008a, Specification for Synthetic Surfaced Running Tracks (revision of ANSI/ASTM F2157-2008): 12/1/2008

ANSI/ASTM F2306/F2306M-2008, Specification for 12 to 60 In. (300 to 1500 Mm) Annular Corrugated Profile-Wall Polyethylene (PE) Pipe and Fittings for Gravity-Flow Storm Sewer and Subsurface Drainage Applications (revision of ANSI/ASTM F2306/F2306M-2007): 12/1/2008

ANSI/ASTM F2434-2008, Specification for Metal Insert Fittings Utilizing a Copper Crimp Ring for SDR9 Cross-Linked Polyethylene (PEX) Tubing and SDR9 Cross-Linked Polyethylene/Aluminum/Cross-Linked Polyethylene (PEX-AL-PEX) Tubing (revision of ANSI/ASTM F2434-2005): 11/25/2008

ANSI/ASTM F2553-2008, Specification for Warnings on Refillable CO<sub>2</sub> Cylinders Used in the Sport of Paintball (revision of ANSI/ASTM F2553-2006): 11/25/2008

ANSI/ASTM F2651-2008a, Terminology Relating to Soils and Turfgrass Terms of Natural Surfaces for Sports (revision of ANSI/ASTM F2651-2008): 11/25/2008

ANSI/ASTM F2735-2008a, Specification for Plastic Insert Fittings for SDR9 Cross-Linked Polyethylene (PEX) and Polyethylene of Raised Temperature (PE-RT) Tubing (revision of ANSI/ASTM F2735-2008): 11/25/2008

#### **Withdrawals**

ANSI/ASTM F2041-2000, Specification for Paintball Marker Warnings (withdrawal of ANSI/ASTM F2041-2000): 11/25/2008

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

#### **New Standards**

ANSI ATIS 0600016-2008, Remote End POTS Splitter Requirements (new standard): 12/10/2008

#### **Revisions**

ANSI ATIS 0600330-2008, Valve-Regulated Lead-Acid Batteries Used in the Telecommunications Environment (revision and redesignation of ANSI T1.330-1997 (R2002)): 12/10/2008

### **EIA (Electronic Industries Alliance)**

#### **New Standards**

ANSI/EIA 364-111-2008, Test Procedure for Determining the Total Ionic Contamination of an Electrical Connector or Socket Assembly or Component (new standard): 12/11/2008

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

#### **Reaffirmations**

ANSI/ESD SP 5.3.2-2004 (R2008), ESD Association Standard Practice for the Protection of Electrostatic Discharge Susceptible Items - Sensitivity Testing - Socketed Device Model (SDM) - Component Level (reaffirmation of ANSI/ESD SP 5.3.2-2004): 12/15/2008

ANSI/ESD SP 5.4-2004 (R2008), ESD Association Standard Practice for the Protection of Electrostatic Discharge Susceptible Items - Latch-up Sensitivity Testing of CMOS / BiCMOS Integrated Circuits - Transient Latch-up Testing - Component Level Supply Transient Stimulation (reaffirmation of ANSI/ESD SP 5.4-2004): 12/15/2008

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

#### **New Standards**

ANSI/HL7 EHR BHFP, R1-2008, HL7 EHR Behavioral Health Functional Profile, Release 1 (new standard): 12/10/2008

ANSI/HL7 EHR CHFP, R1-2008, HL7 EHR Child Health Functional Profile, Release 1 (new standard): 12/10/2008

#### **Revisions**

ANSI/HL7 Arden V2.7-2008, Health Level Seven Arden Syntax for Medical Logic Systems; Version 2.7 (revision of ANSI/HL7 Arden V2.6-2007): 12/10/2008

### **NACE (NACE International, the Corrosion Society)**

#### **New Standards**

ANSI/NACE No.13-SSPC-ACS-1-2008, Industrial Coating and Lining Application Specialist Qualification and Certification (new standard): 12/10/2008

#### **Reaffirmations**

ANSI/NACE SP0502-2002 (R2008), Pipeline External Corrosion Direct Assessment Methodology (reaffirmation and redesignation of ANSI/NACE RP0502-2002): 12/11/2008

### **NASPO (North American Security Products Organization)**

#### **Revisions**

ANSI/NASPO-SA-2008, Security Assurance Standards (revision and redesignation of ANSI/NASPO-SA v3.0P-2005): 12/15/2008

### **NEMA (ASC C78) (National Electrical Manufacturers Association)**

#### **Reaffirmations**

ANSI C78.5-2003 (R2008), Specifications for Performance of Self-Ballasted Compacted Fluorescent Lamps (reaffirmation of ANSI C78.5-2003): 12/9/2008

ANSI C78.LL1256-2003 (R2008), Procedures for Fluorescent Lamp Sample Preparation and the Toxicity Characteristic Leaching Procedure (reaffirmation of ANSI C78.LL1256-2003): 12/9/2008

### **NFPA (National Fire Protection Association)**

#### **Revisions**

ANSI/NFPA 36-2009, Standard for Solvent Extraction Plants (revision of ANSI/NFPA 36-2004): 12/29/2008

ANSI/NFPA 82-2009, Incinerators and Waste and Linen Handling Systems and Equipment (revision of ANSI/NFPA 82-2004): 12/29/2008

ANSI/NFPA 150-2009, Fire and Life Safety in Animal Housing Facilities (revision of ANSI/NFPA 150-2007): 12/29/2008

ANSI/NFPA 170-2009, Standard for Fire Safety and Emergency Symbols (revision of ANSI/NFPA 170-2006): 12/29/2008

ANSI/NFPA 225-2009, Model Manufactured Home Installation Standard (revision of ANSI/NFPA 225-2005): 12/29/2008

ANSI/NFPA 241-2009, Standard for Safeguarding Construction, Alteration, and Demolition Operations (revision of ANSI/NFPA 241-2004): 12/29/2008

ANSI/NFPA 271-2009, Method of Test for Heat and Visible Smoke Release Rates for Materials and Products Using an Oxygen Consumption Calorimeter (revision of ANSI/NFPA 271-2004): 12/29/2008

ANSI/NFPA 501A-2009, Fire Safety Criteria for Manufactured Home Installations, Sites, and Communities (revision of ANSI/NFPA 501A-2005): 12/29/2008

ANSI/NFPA 1670-2009, Standard on Operations and Training for Technical Search and Rescue Incidents (revision of ANSI/NFPA 1670-2004): 12/29/2008

ANSI/NFPA 1963-2009, Standard for Fire Hose Connections (revision of ANSI/NFPA 1963-2003): 12/29/2008

ANSI/NFPA 1965-2009, Standard for Fire Hose Appliances (revision of ANSI/NFPA 1965-2003): 12/29/2008

ANSI/NFPA 1975-2009, Station/Work Uniforms for Emergency Services (revision of ANSI/NFPA 1975-2004): 12/29/2008

### **NSF (NSF International)**

#### **Revisions**

ANSI/NSF 61-2008 (i77), Drinking water system components - Health effects (revision of ANSI/NSF 61-2007a): 12/8/2008

### **SMACNA (Sheet Metal and Air-Conditioning Contractors' National Association)**

#### **Revisions**

ANSI/SMACNA 001-2008, Seismic Restraint Manual: Guidelines for Mechanical Systems (revision of ANSI/SMACNA 001-2000): 12/9/2008

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

#### **Addenda**

ANSI/TIA 102.AABC-B-5-2008, Trunking Control Channel Messages - Radio Unit Monitor Enhancements (addenda to ANSI/TIA 102.AABC-2000): 12/11/2008

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

#### **Reaffirmations**

ANSI/UL 38-2005 (R2008), Manual Signaling Boxes for Fire Alarm Systems (reaffirmation of ANSI/UL 38-2005): 12/11/2008

ANSI/UL 896-2004 (R2008), Standard for Safety for Oil-Burning Stoves (reaffirmation of ANSI/UL 896-2004): 12/8/2008

#### **Revisions**

ANSI/UL 20-2008, Standard for Safety for General-Use Snap Switches (revision of ANSI/UL 20-2004): 12/10/2008

ANSI/UL 588-2008, Standard for Seasonal and Holiday Decorative Products (Proposal dated 2-29-08) (revision of ANSI/UL 588-2006): 12/5/2008

ANSI/UL 588-2008, Standard for Seasonal and Holiday Decorative Products (Proposal dated 5-16-08) (revision of ANSI/UL 588-2008): 12/5/2008

ANSI/UL 1191-2008, Standard for Components for Personal Flotation Devices (revision of ANSI/UL 1191-2007): 12/5/2008

ANSI/UL 1191-2008, Standard for Safety for Components of Personal Flotation Devices (revision of ANSI/UL 1191-2007): 12/5/2008

ANSI/UL 1191-2008, Standard for Components for Personal Flotation Devices (revision of ANSI/UL 1191-2007): 12/5/2008

# Project Initiation Notification System (PINS)

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

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

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

## **AIIM (Association for Information and Image Management)**

**Office:** 1100 Wayne Avenue, Suite 1100  
Silver Spring, MD 20910

**Contact:** *Betsy Fanning*

**Fax:** (240) 494-2682

**E-mail:** [bfanning@aiim.org](mailto:bfanning@aiim.org)

BSR/AIIM 21-200x, Standard Recommended Practice - Strategy Markup Language - Part 1: StratML Core (new standard)

Stakeholders: Any organization that drafts strategic plans to guide the direction of the organization.

Project Need: To specify an Extensible Markup Language (XML) vocabulary and schema (XSD) for elements that are common and considered to be part of the essential core of the strategic plans of all organizations worldwide. The standard will enable planners and intermediary service providers to focus more directly and intensively on the quality of the information.

Specifies an Extensible Markup Language (XML) vocabulary and schema (XSD) for the elements that are common and considered to be part of the essential core of the strategic plans of all organizations worldwide.

## **AISC (American Institute of Steel Construction)**

**Office:** One East Wacker Drive, Suite 700  
Chicago, IL 60601

**Contact:** *Cynthia Duncan*

**Fax:** (312) 644-4226

**E-mail:** [duncan@aisc.org](mailto:duncan@aisc.org)

BSR/AISC N690-200x, Specification for Safety-Related Steel Structures for Nuclear Facilities (revision of ANSI/AISC N690-2004)

Stakeholders: Structural engineers, steel fabricators, contractors.

Project Need: To update the standard for use in the design and construction of nuclear facilities.

Applies to the design of safety-related steel structures and steel elements in nuclear facilities. Structures and structural elements subject to this standard are those steel structures that are part of a safety-related system or that support, house, or protect safety-related systems or components, the failure of which would impair the safety-related functions of these systems or components.

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

**Office:** 2950 Niles Road  
St Joseph, MI 49085

**Contact:** *Carla VanGilder*

**Fax:** (269) 429-3852

**E-mail:** [vangilder@asabe.org](mailto:vangilder@asabe.org)

BSR/ASABE S613-200x, Tractors and self-propelled machinery for agriculture - Air quality systems for cabs - Terminology and overview (new standard)

Stakeholders: Designers and manufacturers of cabs for agricultural equipment, operators of equipment.

Project Need: To replace ANSI/SAE S525-1.2 and ANSI/SAE S525-2 with one standard on cab environment.

Applies to agricultural self-propelled machinery, including tractors, as defined by ASABE S390.4. This standard covers terminology, definitions and an overview of how cabs may be used in contaminated environments as part of an Occupational Health and Safety Management System.

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

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

**Contact:** *Mayra Santiago*

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

**E-mail:** [ansibox@asme.org](mailto:ansibox@asme.org)

BSR/ASME B18.6.4-200x, Thread Forming and Thread Cutting Tapping Screws and Metallic Drive Screws (Inch Series) (revision of ANSI/ASME B18.6.4 (R2005))

Stakeholders: Users, distributors, and manufacturers.

Project Need: To revise information that has become outdated.

Covers the complete general and dimensional data for various types of slotted and recessed head tapping screws and metallic drive screws recognized as an "American National Standard."

**ASTM (ASTM International)**

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

**Contact:** Helene Skloff

**Fax:** (610) 834-7013

**E-mail:** hskloff@astm.org; cleonard@astm.org

BSR/ASTM WK21491-200x, New Test Method for Determining Energy Consumption of Vacuum Cleaners Relative to Cleaning (new standard)

Stakeholders: Vacuum cleaners industry.

Project Need:

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK21491.htm>

<http://www.astm.org/DATABASE.CART/WORKITEMS/WK21491.htm>

**CEA (Consumer Electronics Association)**

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ANSI/CEA 633.31-1997 (R2004), Power Line Physical Layer Conformance Specification (withdrawal of ANSI/CEA 633.31-1997 (R2004))

Stakeholders: Consumer electronics industry.

Project Need: To withdraw ANSI/CEA 633.31.

Specifies tests to determine conformance of a Node's Power Line (PL) PL Physical Layer to IS-60. Part one of this standard provides an overview of the conformance philosophy. The reader is urged to review that material before attempting to use the details provided in this part.

ANSI/CEA 633.32-1997 (R2004), Twisted Pair Physical Layer Conformance (withdrawal of ANSI/CEA 633.32-1997 (R2004))

Stakeholders: Consumer electronics industry.

Project Need: To withdraw ANSI/CEA 633.32.

Specifies tests to determine conformance of a device's Twisted Pair Physical Layer to CEA-600.

ANSI/CEA 633.81-2000, CAL Conformance Specification (withdrawal of ANSI/CEA 633.81-2000)

Stakeholders: Consumer electronics industry.

Project Need: To withdraw ANSI/CEA 633.81.

Specifies tests to determine conformance of a Node's CAL to ANSI/CEA-600.81. Part one of this standard provides an overview of the conformance philosophy. The reader is urged to review that material before attempting to use the details provided in this part.

ANSI/CEA 776.1-1999, CEBus-EIB Router Communication Protocol - Description of the CEBus-EIB Router (withdrawal of ANSI/CEA 776.1-1999)

Stakeholders: Consumer electronics industry.

Project Need: To withdraw ANSI/CEA 776.1.

The purpose of this recommended practice is to:

- (1) include essential information for the VHS VCR user; and
- (2) standardize the format for the presentation of the information.

ANSI/CEA 776.2-1999, CEBus-EIB Router Communications Protocol - CEBus-EIB Router Medium Access Control Sublayer (withdrawal of ANSI/CEA 776.2-1999)

Stakeholders: Consumer electronics industry.

Project Need: To withdraw ANSI/CEA 776.2.

The CEBus-EIB Router Medium Control (MAC) Sublayer is almost identical to the CEBus or EIB Node MAC Sublayer corresponding to the "CEBus Side" or the Router. The differences are in the way the Router does address matching on a received packet and on the information exchanged in some of the service primitives. Rather than copy the Node MAC specification and make minor changes, the Router MAC standard is specified by exception to the Node MAC for both the CEBus and EIB Specifications

ANSI/CEA 776.3-1999, CEBus-EIB Router Communications Protocol - CEBus-EIB Router Logical Link Control Sublayer (withdrawal of ANSI/CEA 776.3-1999)

Stakeholders: Consumer electronics industry.

Project Need: To withdraw ANSI/CEA 776.3.

Specifies the CEBus-EIB Router Logical Link Control Sublayer interfaces to the Router Network Layer and to the Layer System Management. The interfaces are described in terms of service primitives which are abstract interfaces across a layer boundary. A service primitive represents an exchange of information into or out of a layer. Although service primitives are defined using a format similar to that of programming language procedure calls, no implementation technique is implied.

ANSI/CEA 776.4-1999, CEBus-EIB Router Communications Protocol - CEBus-EIB Router Network Layer (withdrawal of ANSI/CEA 776.4-1999)

Stakeholders: Consumer electronics industry.

Project Need: To withdraw ANSI/CEA 776.4.

The CEBus-EIB Router Network Layer is conceptually divided into several elements, each performing distinct well-defined services. Each element may be thought of as an independent process that communicates with the other elements and protocol layers through specified interfaces.

ANSI/CEA 776.5-1999, CEBus-EIB Router Communications Protocol - The EIB Communications Protocol (withdrawal of ANSI/CEA 776.5-1999)

Stakeholders: Consumer electronics industry.

Project Need: To withdraw ANSI/CEA 776.5.

EIB is a control system for related applications in homes and buildings. The EIB system offers standardized basic and system components, e.g., Bus Coupling Units (BCU), Power Supply Units (PSU), Bus Interface Modules (BIM), Routers and RS-232 data interfaces. EIB offers the capability of constructing devices in a modular form using system devices like BCU or BIM that support communications-specific functions. A standardized interface called Physical External Interface (PEI) reduces the expense of developing EIB devices and allows them to be exchanged.

**HL7 (Health Level Seven)**

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BSR/HL7 CDAR2 P2PPHRDATATRANS, R1-200x, HL7 Implementation Guide for CDA Release 2: Plan-to-Plan Personal Health Record (PHR) Data Transfer, Release 1 (new standard)

Stakeholders: Healthcare providers, plans.

Project Need: To support PHR transfer between healthcare plans and to be supported by the plans themselves.

Creates an HL7 implementation guide that will provide for PHR portability between health plans. The project is limited in scope to the payor stakeholder community in the U.S. realm. However, it could be expanded or adapted to include other PHR stakeholders, data transfer beyond the PHR, and the international affiliates.



**BSR/HL7 CDAR2 PA, R1-200x, HL7 Implementation Guide for CDA Release 2; Patient Assessments, Release 1 (new standard)**

Stakeholders: The long-term care vendors of HIT systems, government agencies, providers.

Project Need: To create accepted HIT standards that support HIE for transfers of care, which will remove one of the barriers to the real-time exchange of re-usable health information. This ballot will address this need and the immediate request from HITSP to develop a CDA-based standard for MDS submissions.

The project will:

- (i) support the development of a CDA IG for patient assessments, including assessments that include functional status; and
- (ii) submit this CDA IG for balloting as an HL7 DSTU.

The DSTU will include an Universal Realm Framework and, as an example of implementation of the framework, a full specification for the US Realm Minimum Data Set, 3.0.

**BSR/HL7 EHR CRFP, R1-200x, HL7 EHR Clinical Research Functional Profile, Release 1 (new standard)**

Stakeholders: EHR Certification organizations in the US and Europe: (EuroRec and CCHIT), CDISC.

Project Need: To identify EHR functions such that, when used to collect source data for clinical research, the standard can supply regulatory authorities with proof that data used to support claims made regarding the safety and efficacy of new medicines can be traced back to a "reliable" data source.

Provides high-level requirements necessary for using electronic health record data for regulated clinical research, and further provides a roadmap towards an evolutionary process of integrating the environment that provides both patient care and data for clinical research. This standard is intended to provide one overall view of the regulatory needs of clinical research with respect to electronic patient records.

**BSR/HL7 EHR LTCFP, R1-200x, HL7 EHR System Long Term Care Functional Profile, Release 1 - US Realm (new standard)**

Stakeholders: CCHIT, nursing home providers and professionals, nursing home software vendors.

Project Need: To serve as a key resource to CCHIT in the development of certification requirements for EHR systems in the Long Term Care nursing home community.

Establishes the functions and conformance criteria for EHR systems in the nursing home setting for the US realm. The LTC EHR-S functional profile was previously balloted within the LTC community before balloting at HL7 at the informative level.

**BSR/HL7 V3 CCP, R1-200x, HL7 Version 3 Standard: Common Clinical Product Model, Release 1 (new standard)**

Stakeholders: Public-health- and emergency-response-regulated clinical research information management.

Project Need: To create a Common Clinical Product Model from which all HL7 V3 messages that have a requirement to represent (clinical) products will derive their content.

Includes message specifications for the creation of a Common Clinical Product Model, which takes into account all the current product-like models used in V3 messages - for example, the Medication Domain Message Information Model (Pharmacy), the Structured Product Labeling document structure, the Individual Case Safety Report message, and Immunization.

**HPS (ASC N43) (Health Physics Society)**

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**BSR N43.17-200x, Radiation Safety for Personnel Security Screening Systems Using X-ray or Gamma Radiation (revision of ANSI N43.17-2002)**

Stakeholders: Law enforcement agencies, transportation and border security agencies, regulatory agencies.

Project Need: To include requirements for self-enclosed, whole-body, x-ray scanners and their use. The standard needs to be updated to include appropriate requirements for new configurations and uses of personnel security screening systems using ionizing radiation.

Applies to the manufacture and operation of security screening systems that use x-rays, gamma radiation, or both, in which individuals are intentionally exposed to this ionizing radiation. Does not address neutron-based systems. The standard provides requirements specific to the ionizing radiation safety aspects of both the design and operation of these systems.

**IPC (IPC - Association Connecting Electronics Industries)**

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**BSR/IPC 2546A-200x, Sectional Requirements for Shop-Floor Equipment Communication Messages (CAMX) for Printed Circuit Board Assembly (revision and redesignation of ANSI/IPC 2546-2001)**

Stakeholders: Electronics manufacturing industry.

Project Need: To revise an existing IPC Standard.

Describes the event message content specific to assembly equipment. The document is being revised to update the existing XML schema and incorporate amendments 1 and 2. This PIN amends the scope of PIN 317.

**BSR/IPC 7093-200x, Design and Assembly Process Implementation for Leadless Surface-Mount Components (new standard)**

Stakeholders: Electronics manufacturing industry.

Project Need: To develop IPC-7093, a companion document to IPC-7094 and IPC-7095, that describes the design and assembly challenges for implementing Leadless Surface-mount Components (LSCs) whose external connections consist of metallized terminations that are an integral part of the component body.

Describes the design and assembly challenges for implementing Leadless Surface-mount Components (LSCs) in which the external connections consist of metallized terminations that are an integral part of the component body. This includes all types and forms of leadless surface mount components such as QFN, DFN, SON, LGA, LCC, MLP, MLF which utilize surface to surface interconnections. The focus of this document is critical design, assembly, inspection, repair, and reliability issues associated with leadless surface-mount components.

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

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BSR/INCITS/ISO/IEC 19757-8-200x, Information technology - Document Schema Definition Languages (DSDL) - Part 8: Document Semantics Renaming Language (DSRL) (identical national adoption of ISO/IEC 19757-8:2008)

Stakeholders: ICT industry.

Project Need: To adopt this International Standard, which will be beneficial to the ICT industry.

Specifies a mechanism that allows users to assign locally meaningful names to XML elements, attributes, entities and processing instructions, without having to completely rewrite the DTD or schema against which they are to be validated. In addition, this part of ISO/IEC 19757 provides an XML-based format for declaring the replacement text for entity references and provides a mechanism that allows users to define default values for both element content and attribute values.

BSR/INCITS/ISO/IEC 19757-9-200x, Information technology - Document Schema Definition Languages (DSDL) - Part 9: Namespace and datatype declaration in Document Type Definitions (DTDs) (identical national adoption of ISO/IEC 19757-9:2008)

Stakeholders: ICT industry.

Project Need: To adopt this International Standard, which will be beneficial to the ICT industry.

Defines a language that is designed to extend the declarative functionality of an XML DTD to include:

- declaring one or more namespaces to which some or all of the element and attribute names in a DTD belong;
- declaring constraints on the content of elements with content model ANY to contain elements whose names belong to one or more specified namespaces; and
- declaring datatypes for elements that contain data content only and for attribute values.

**NACE (NACE International, the Corrosion Society)**

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BSR/NACE SP0508-200x, Methods of Validating Equivalence to ISO 8502-9 on Measurement of the Levels of Soluble Salts (new standard)

Stakeholders: Engineers, specification writers, test equipment suppliers, contractors.

Project Need: To provide a way to establish equivalence by testing and comparing results of the tests to meet established criteria that would be achieved using the method specified in ISO 8502-9.

Determines whether methods other than the Bresle patch application method are suitable alternatives for measuring salt contamination in the field. The assessment and determination of surface contamination (by salts) prior to application of protective coatings is critical to their service life expectancy. Determination of the level of surface cleanliness is conducted by extraction of soluble salt contaminants following ISO 8502-6 (The Bresle method, part of ISO 8502-9). The determination of the level of salt is performed by following ISO 8502-9 (Field method for the conductometric determination of water-soluble salts).

**SSFI (Scaffolding, Shoring & Forming Institute)**

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BSR/SSFI SPS 4.1-200x, Access work cages for wind turbines (new standard)

Stakeholders: Manufacturers, purchasers, and users of ladder-guided and work-guided work cages in wind turbines.

Project Need: To create a standard that covers this equipment. This standard will protect users, purchasers, and manufacturers by reducing misunderstanding and standardizing minimum requirements for safe design and use.

Describes the design, operation, and maintenance of interior-ladder-guided or rope-guided work cages, typically used to move workers from one elevation to another inside a structure for wind turbine generators.

**TIA (Telecommunications Industry Association)**

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BSR/TIA 862-200x, Building Automation Systems Cabling Standard (revision of ANSI/TIA 862-2002 (R2008))

Stakeholders: Telecommunications industry.

Project Need: To create an addendum to a bulletin (TSB).

Specifies minimum requirements for building automation systems (BAS) cabling within a building and between buildings in a campus environment. This standard specifies cabling requirements for cabling topology, architecture, design, and installation practices, test procedures and requirements for components that comprise the cabling system.

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

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BSR/VITA 58.0-200x, Line Replaceable Integrated Electronics Chassis Standard (new standard)

Stakeholders: Users and manufacturers of embedded electronic

Project Need: This document will standardize the chassis for Line Replaceable Modules.

Identifies the common requirements for a chassis capable of accommodating VITA 46 and VITA 48 types of modules for use in rugged environments.

# 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
- AAMVA
- AGA
- AGRSS, Inc.
- ASHRAE
- ASME
- ASTM
- GEIA
- MHI (ASC MH10)
- NBBPVI
- NCPDP
- NISO
- NSF
- TIA
- Underwriters Laboratories, Inc. (UL)

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

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



# ISO Draft International Standards

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

## Comments

Comments regarding ISO documents should be sent to Henrietta Scully, at ANSI's New York offices. The final date for offering comments is listed after each draft.

## Ordering Instructions

**ISO Drafts can be made available by contacting ANSI's Customer Service department. Please e-mail your request for an ISO Draft to Customer Service at [sales@ansi.org](mailto: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.**

### **BUILDING CONSTRUCTION (TC 59)**

ISO/DIS 10845-1, Construction procurement - Part 1: Processes, methods and procedures - 3/13/2009, \$165.00

### **FIRE SAFETY (TC 92)**

ISO/DIS 1182, Reaction to fire tests for building and transport products - Non-combustibility test - 3/12/2009, \$98.00

ISO/DIS 1716, Reaction to fire tests for building and transport products - Determination of the heat of combustion - 3/12/2009, \$88.00

ISO/DIS 9239-1, Reaction to fire tests for floorings - Part 1: Determination of the burning behaviour using a radiant heat source - 3/12/2009, \$82.00

### **GAS CYLINDERS (TC 58)**

ISO/DIS 11114-3, Transportable gas cylinders - Compatibility of cylinder and valve materials with gas contents - Part 3: Autogenous ignition test in oxygen atmosphere - 3/12/2009, \$46.00

### **GRAPHIC TECHNOLOGY (TC 130)**

ISO/DIS 12643-1, Graphic technology - Safety requirements for graphic technology equipment and systems - Part 1: General requirements - 3/13/2009, \$146.00

ISO/DIS 12643-4, Graphic technology - Safety requirements for graphic technology equipment and systems - Part 4: Converting equipment and systems - 3/13/2009, \$119.00

### **OPTICS AND OPTICAL INSTRUMENTS (TC 172)**

ISO 9211-4/DAmD1, Optics and optical instruments - Optical coatings - Part 4: Specific test methods - Amendment 1 - 3/13/2009, \$29.00

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

ISO/DIS 1513, Paints and varnishes - Preparation of test samples - 3/12/2009, \$33.00

ISO/DIS 8503-1, Preparation of steel substrates before application of paints and related products - Surface roughness characteristics of blast-cleaned steel substrates - Part 1: Specifications and definitions for ISO surface profile comparators for the assessment of abrasive blast-cleaned surfaces - 3/12/2009, \$46.00

ISO/DIS 8503-2, Preparation of steel substrates before application of paints and related products - Surface roughness characteristics of blast-cleaned steel substrates - Part 2: Method for the grading of surface profile of abrasive blast-cleaned steel - Comparator procedure - 3/12/2009, \$33.00

ISO/DIS 8503-3, Preparation of steel substrates before application of paints and related products - Surface roughness characteristics of blast-cleaned steel substrates - Part 3: Method for the calibration of ISO surface profile comparators and for the determination of surface profile - Focusing microscope procedure - 3/12/2009, \$58.00

ISO/DIS 8503-4, Preparation of steel substrates before application of paints and related products - Surface roughness characteristics of blast-cleaned steel substrates - Part 4: Method for the calibration of ISO surface profile comparators and for the determination of surface profile - Stylus instrument procedure - 3/12/2009, \$53.00

### **SPORTS AND RECREATIONAL EQUIPMENT (TC 83)**

ISO 9462/DAmD1, Alpine ski-bindings - Requirements and test methods - Amendment 1 - 3/13/2009, \$29.00

### **TEXTILES (TC 38)**

ISO 105-F10/DAmD1, Textiles - Tests for colour fastness - Part F10: Specification for adjacent fabric: Multifibre - Amendment 1 - 3/13/2009, \$29.00

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

ISO/DIS 8536-2, Infusion equipment for medical use - Part 2: Closures for infusion bottles - 3/12/2009, \$58.00

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

ISO/DIS 24534-1, Automatic vehicle and equipment identification - Electronic Registration Identification (ERI) for vehicles - Part 1: Architecture - 3/12/2009, \$53.00

ISO/DIS 24534-2, Automatic vehicle and equipment identification - Electronic Registration Identification (ERI) for vehicles - Part 2: Operational requirements - 3/12/2009, \$71.00

ISO/DIS 24534-3, Automatic vehicle and equipment identification - Electronic Registration Identification (ERI) for vehicles - Part 3: Vehicle data - 3/12/2009, \$98.00

ISO/DIS 24534-4, Automatic vehicle and equipment identification - Electronic Registration Identification (ERI) for vehicles - Part 4: Secure communications using asymmetrical techniques - 3/12/2009, \$155.00

# Newly Published ISO and IEC Standards



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

## ISO Standards

### ACOUSTICS (TC 43)

[ISO 3822-1/Amd1:2008](#), Acoustics - Laboratory tests on noise emission from appliances and equipment used in water supply installations - Part 1: Method of measurement - Amendment 1: Measurement uncertainty, \$16.00

### AIR QUALITY (TC 146)

[ISO 16000-16:2008](#), Indoor air - Part 16: Detection and enumeration of moulds - Sampling by filtration, \$98.00

[ISO 16000-17:2008](#), Indoor air - Part 17: Detection and enumeration of moulds - Culture-based method, \$104.00

### AIRCRAFT AND SPACE VEHICLES (TC 20)

[ISO 22108:2008](#), Space systems - Non-flight items in flight hardware - Identification and control, \$65.00

### CEMENT AND LIME (TC 74)

[ISO 863:2008](#), Cement - Test methods - Pozzolanicity test for pozzolanic cements, \$65.00

### CRANES (TC 96)

[ISO 20332:2008](#), Cranes - Proof of competence of steel structures, \$180.00

### EARTH-MOVING MACHINERY (TC 127)

[ISO 20474-1:2008](#), Earth-moving machinery - Safety - Part 1: General requirements, \$104.00

[ISO 20474-2:2008](#), Earth-moving machinery - Safety - Part 2: Requirements for tractor-dozers, \$49.00

[ISO 20474-3:2008](#), Earth-moving machinery - Safety - Part 3: Requirements for loaders, \$65.00

[ISO 20474-4:2008](#), Earth-moving machinery - Safety - Part 4: Requirements for backhoe-loaders, \$80.00

[ISO 20474-5:2008](#), Earth-moving machinery - Safety - Part 5: Requirements for hydraulic excavators, \$73.00

[ISO 20474-6:2008](#), Earth-moving machinery - Safety - Part 6: Requirements for dumpers, \$65.00

[ISO 20474-7:2008](#), Earth-moving machinery - Safety - Part 7: Requirements for scrapers, \$49.00

[ISO 20474-8:2008](#), Earth-moving machinery - Safety - Part 8: Requirements for graders, \$43.00

[ISO 20474-9:2008](#), Earth-moving machinery - Safety - Part 9: Requirements for pipelayers, \$57.00

[ISO 20474-10:2008](#), Earth-moving machinery - Safety - Part 10: Requirements for trenchers, \$57.00

[ISO 20474-11:2008](#), Earth-moving machinery - Safety - Part 11: Requirements for earth and landfill compactors, \$49.00

[ISO 20474-12:2008](#), Earth-moving machinery - Safety - Part 12: Requirements for cable excavators, \$86.00

[ISO 20474-13:2008](#), Earth-moving machinery - Safety - Part 13: Requirements for rollers, \$104.00

### EQUIPMENT FOR FIRE PROTECTION AND FIRE FIGHTING (TC 21)

[ISO 11601:2008](#), Fire fighting - Wheeled fire extinguishers - Performance and construction, \$110.00

### FLUID POWER SYSTEMS (TC 131)

[ISO 15086-3:2008](#), Hydraulic fluid power - Determination of the fluid-borne noise characteristics of components and systems - Part 3: Measurement of hydraulic impedance, \$110.00

### GRAPHIC TECHNOLOGY (TC 130)

[ISO 2834-3:2008](#), Graphic technology - Laboratory preparation of test prints - Part 3: Screen printing inks, \$57.00

### INDUSTRIAL AUTOMATION SYSTEMS AND INTEGRATION (TC 184)

[ISO 10303-108/Cor1:2008](#), Industrial automation systems and integration - Product data representation and exchange - Part 108: Integrated application resource: Parameterization and constraints for explicit geometric product models - Corrigendum, FREE

[ISO 10303-111/Cor1:2008](#), Industrial automation systems and integration - Product data representation and exchange - Part 111: Integrated application resource: Elements for the procedural modelling of solid shapes - Corrigendum, FREE

### LABORATORY GLASSWARE AND RELATED APPARATUS (TC 48)

[ISO 8655-1/Cor1:2008](#), Piston-operated volumetric apparatus - Part 1: Terminology, general requirements and user recommendations - Corrigendum, FREE

[ISO 8655-2/Cor1:2008](#), Piston-operated volumetric apparatus - Part 2: Piston pipettes - Corrigendum, FREE

[ISO 8655-3/Cor1:2008](#), Piston-operated volumetric apparatus - Part 3: Piston burettes - Corrigendum, FREE

[ISO 8655-4/Cor1:2008](#), Piston-operated volumetric apparatus - Part 4: Dilutors - Corrigendum, FREE

[ISO 8655-5/Cor1:2008](#), Piston-operated volumetric apparatus - Part 5: Dispensers - Corrigendum, FREE

[ISO 8655-6/Cor1:2008](#), Piston-operated volumetric apparatus - Part 6: Gravimetric methods for the determination of measurement error - Corrigendum, FREE

[ISO 8655-7/Cor1:2008](#), Piston-operated volumetric apparatus - Part 7: Non-gravimetric methods for the assessment of equipment performance - Corrigendum, FREE

[ISO 15212-1/Cor1:2008](#), Oscillation-type density meters - Part 1: Laboratory instruments - Corrigendum, FREE

ISO 15212-2/Cor1:2008, Oscillation-type density meters - Part 2:  
Process instruments for homogeneous liquids - Corrigendum, FREE

#### **MECHANICAL TESTING OF METALS (TC 164)**

ISO 148-2:2008, Metallic materials - Charpy pendulum impact test -  
Part 2: Verification of testing machines, \$135.00

ISO 148-3:2008, Metallic materials - Charpy pendulum impact test -  
Part 3: Preparation and characterization of Charpy V-notch test  
pieces for indirect verification of pendulum impact machines, \$98.00

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

ISO 2081:2008, Metallic and other inorganic coatings - Electroplated  
coatings of zinc with supplementary treatments on iron or steel,  
\$86.00

ISO 2082:2008, Metallic and other inorganic coatings - Electroplated  
coatings of cadmium with supplementary treatments on iron or steel,  
\$86.00

ISO 26945:2008, Metallic and other inorganic coatings -  
Electrodeposited coatings of tin-cobalt alloy, \$65.00

#### **PAPER, BOARD AND PULPS (TC 6)**

ISO 1924-2:2008, Paper and board - Determination of tensile  
properties - Part 2: Constant rate of elongation method (20 mm/min),  
\$73.00

ISO 5630-5:2008, Paper and board - Accelerated ageing - Part 5:  
Exposure to elevated temperature at 100 degrees C, \$57.00

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

ISO 11413:2008, Plastics pipes and fittings - Preparation of test piece  
assemblies between a polyethylene (PE) pipe and an electrofusion  
fitting, \$65.00

#### **PLASTICS (TC 61)**

ISO 22007-2:2008, Plastics - Determination of thermal conductivity and  
thermal diffusivity - Part 2: Transient plane heat source (hot disc)  
method, \$92.00

ISO 22007-3:2008, Plastics - Determination of thermal conductivity and  
thermal diffusivity - Part 3: Temperature wave analysis method,  
\$86.00

ISO 22007-4:2008, Plastics - Determination of thermal conductivity and  
thermal diffusivity - Part 4: Laser flash method, \$73.00

#### **POWDER METALLURGY (TC 119)**

ISO 3927/Cor1:2008, Metallic powders, excluding powders for  
hardmetals - Determination of compactibility (compressibility) in  
uniaxial compression - Corrigendum, FREE

#### **ROAD VEHICLES (TC 22)**

ISO 7578:2008, Road vehicles - Sheath-type glow-plugs - General  
requirements and test methods, \$49.00

#### **ROLLING BEARINGS (TC 4)**

ISO 3290-1:2008, Rolling bearings - Balls - Part 1: Steel balls, \$73.00

ISO 3290-2:2008, Rolling bearings - Balls - Part 2: Ceramic balls,  
\$73.00

ISO 24393:2008, Rolling bearings - Linear motion rolling bearings -  
Vocabulary, \$129.00

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

ISO 21487/Cor1:2008, Small craft - Permanently installed petrol and  
diesel fuel tanks - Corrigendum, FREE

#### **SOIL QUALITY (TC 190)**

ISO 22036:2008, Soil quality - Determination of trace elements in  
extracts of soil by inductively coupled plasma - atomic emission  
spectrometry (ICP - AES), \$122.00

#### **STEEL (TC 17)**

ISO 18286:2008, Hot-rolled stainless steel plates - Tolerances on  
dimensions and shape, \$57.00

#### **TERMINOLOGY (PRINCIPLES AND COORDINATION) (TC 37)**

ISO 30042:2008, Systems to manage terminology, knowledge and  
content - TermBase eXchange (TBX), \$193.00

#### **TOBACCO AND TOBACCO PRODUCTS (TC 126)**

ISO 15592-3:2008, Fine-cut tobacco and smoking articles made from it  
- Methods of sampling, conditioning and analysis - Part 3:  
Determination of total particulate matter of smoking articles using a  
routine analytical smoking machine, preparation for the  
determination of water and nicotine, and calculation of nicotine-free  
dry particulate matter, \$122.00

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

ISO 11785/Cor1:2008, Radio frequency identification of animals -  
Technical concept - Corrigendum, FREE

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

ISO 17572-1:2008, Intelligent transport systems (ITS) - Location  
referencing for geographic databases - Part 1: General requirements  
and conceptual model, \$141.00

ISO 17572-2:2008, Intelligent transport systems (ITS) - Location  
referencing for geographic databases - Part 2: Pre-coded location  
references (pre-coded profile), \$129.00

ISO 17572-3:2008, Intelligent transport systems (ITS) - Location  
referencing for geographic databases - Part 3: Dynamic location  
references (dynamic profile), \$193.00

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

ISO 20665:2008, Water quality - Determination of chronic toxicity to  
Ceriodaphnia dubia, \$104.00

ISO 20666:2008, Water quality - Determination of the chronic toxicity to  
Brachionus calyciflorus in 48 h, \$86.00

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

ISO 15616-4:2008, Acceptance tests for CO<sub>2</sub>-laser beam machines for  
high quality welding and cutting - Part 4: Machines with 2-D moving  
optics, \$57.00

### **ISO Technical Specifications**

#### **EARTH-MOVING MACHINERY (TC 127)**

ISO/TS 20474-14:2008, Earth-moving machinery - Safety - Part 14:  
Information on national and regional provisions, \$92.00

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

ISO/IEC 9798-2:2008, Information technology - Security techniques -  
Entity authentication - Part 2: Mechanisms using symmetric  
encipherment algorithms, \$86.00

ISO/IEC 14496-5/Amd18:2008, Reference software for MPEG-4 - Amendment 1: Reference software for new profiles for professional applications, \$16.00

ISO/IEC 15444-9/Amd3:2008, - Amendment 3: JPIP extensions to 3D data, \$49.00

ISO/IEC 15444-10:2008, Information technology - JPEG 2000 image coding system: Extensions for three-dimensional data, \$149.00

ISO/IEC 19757-2:2008, Information technology - Document Schema Definition Language (DSDL) - Part 2: Regular-grammar-based validation - RELAX NG, \$141.00

ISO/IEC 19793:2008, Information technology - Open Distributed Processing - Use of UML for ODP system specifications, \$206.00

ISO/IEC 21000-7/Cor1:2008, Information technology - Multimedia framework (MPEG-21) - Part 7: Digital Item Adaptation - Corrigendum, FREE

## ISO/IEC JTC 1 Technical Reports

ISO/IEC TR 24714-1:2008, Information technology - Biometrics - Jurisdictional and societal considerations for commercial applications - Part 1: General guidance, \$110.00

ISO/IEC TR 24769:2008, Information technology - Real-time locating system (RTLS) device conformance test methods - Test methods for air interface communication at 2,4 GHz, \$122.00

ISO/IEC TR 24770:2008, Information technology - Real-time locating system (RTLS) device performance test methods - Test methods for air interface communication at 2,4 GHz, \$65.00

## IEC Standards

### CAPACITORS AND RESISTORS FOR ELECTRONIC EQUIPMENT (TC 40)

IEC 60915 Ed. 2.0 b Cor.1:2008, Corrigendum 1 - Fixed capacitors for use in electronic equipment - Preferred dimensions of shaft ends, bushes and for the mounting of single-hole, bush-mounted, shaft-operated electronic components, \$0.00

### CLASSIFICATION OF HAZARDOUS AREAS AND INSTALLATION REQUIREMENTS (TC 31J)

IEC 60079-10-1 Ed. 1.0 b:2008, Explosive atmospheres - Part 10-1: Classification of areas - Explosive gas atmospheres, \$235.00

### ELECTRIC CABLES (TC 20)

IEC 60332-3-10 Amd.1 Ed. 1.0 b:2008, Amendment 1 - Tests on electric and optical fibre cables under fire conditions - Part 3-10: Test for vertical flame spread of vertically-mounted bunched wires or cables - Apparatus, \$36.00

IEC 60332-3-22 Amd.1 Ed. 1.0 b:2008, Amendment 1 - Tests on electric and optical fibre cables under fire conditions - Part 3-22: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category A, \$19.00

IEC 60332-3-23 Amd.1 Ed. 1.0 b:2008, Amendment 1 - Tests on electric and optical fibre cables under fire conditions - Part 3-23: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category B, \$19.00

IEC 60332-3-24 Amd.1 Ed. 1.0 b:2008, Amendment 1 - Tests on electric and optical fibre cables under fire conditions - Part 3-24: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category C, \$19.00

IEC 60332-3-25 Amd.1 Ed. 1.0 b:2008, Amendment 1 - Tests on electric and optical fibre cables under fire conditions - Part 3-25: Test for vertical flame spread of vertically-mounted bunched wires or cables - Category D, \$19.00

### ELECTRIC TRACTION EQUIPMENT (TC 9)

IEC 62236-1 Ed. 2.0 b:2008, Railway applications - Electromagnetic compatibility - Part 1: General, \$61.00

IEC 62236-2 Ed. 2.0 b:2008, Railway applications - Electromagnetic compatibility - Part 2: Emission of the whole railway system to the outside world, \$117.00

IEC 62236-3-1 Ed. 2.0 b:2008, Railway applications - Electromagnetic compatibility - Part 3-1: Rolling stock - Train and complete vehicle, \$87.00

IEC 62236-3-2 Ed. 2.0 b:2008, Railway applications - Electromagnetic compatibility - Part 3-2: Rolling stock - Apparatus, \$107.00

IEC 62236-4 Ed. 2.0 b:2008, Railway applications - Electromagnetic compatibility - Part 4: Emission and immunity of the signalling and telecommunications apparatus, \$77.00

IEC 62236-5 Ed. 2.0 b:2008, Railway applications - Electromagnetic compatibility - Part 5: Emission and immunity of fixed power supply installations and apparatus, \$97.00

IEC 62499 Ed. 1.0 b:2008, Railway applications - Current collection systems - Pantographs, testing methods for carbon contact strips, \$97.00

### ELECTROMAGNETIC COMPATIBILITY (TC 77)

IEC 61000-4-2 Ed. 2.0 b:2008, Electromagnetic compatibility (EMC) - Part 4-2: Testing and measurement techniques - Electrostatic discharge immunity test, \$235.00

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

IEC 62321 Ed. 1.0 b:2008, Electrotechnical products - Determination of levels of six regulated substances (lead, mercury, cadmium, hexavalent chromium, polybrominated biphenyls, polybrominated diphenyl ethers), \$265.00

### EQUIPMENT FOR ELECTRICAL ENERGY MEASUREMENT AND LOAD CONTROL (TC 13)

IEC 62059-31-1 Ed. 1.0 b Cor.1:2008, Corrigendum 1 - Electricity metering equipment - Dependability - Part 31-1: Accelerated reliability testing - Elevated temperature and humidity, \$0.00

### FIBRE OPTICS (TC 86)

IEC 61300-3-6 Ed. 3.0 b:2008, Fibre optic interconnecting devices and passive components - Basic test and measurement procedures - Part 3-6: Examinations and measurements - Return loss, \$128.00

IEC 62496-1 Ed. 1.0 b:2008, Optical circuit boards - Part 1: General, \$107.00

### FUSES (TC 32)

IEC/TR 60943 Amd.1 Ed. 2.0 b:2008, Amendment 1 - Guidance concerning the permissible temperature rise for parts of electrical equipment, in particular for terminals, \$26.00



**INDUSTRIAL ELECTROHEATING EQUIPMENT (TC 27)**

IEC 60519-4 Ed. 3.0 b Cor.1:2008, Corrigendum 1 - Safety in electroheat installations - Part 4: Particular requirements for arc furnace installations, \$0.00

IEC 60779 Ed. 2.0 b Cor.1:2008, Corrigendum 1 - Industrial electroheat equipment - Test methods for electrosag remelting furnaces, \$0.00

**NUCLEAR INSTRUMENTATION (TC 45)**

IEC 62303 Ed. 1.0 b:2008, Radiation protection instrumentation - Equipment for monitoring airborne tritium, \$179.00

**POWER SYSTEM CONTROL AND ASSOCIATED COMMUNICATIONS (TC 57)**

IEC 61850-SER Ed. 1.0 en:2008, Communication networks and systems in substations - All Parts, \$2857.00

**SEMICONDUCTOR DEVICES (TC 47)**

IEC 60749-20 Ed. 2.0 b:2008, Semiconductor devices - Mechanical and climatic test methods - Part 20: Resistance of plastic encapsulated SMDs to the combined effect of moisture and soldering heat, \$128.00

**IEC Technical Specifications**

**POWER SYSTEM CONTROL AND ASSOCIATED COMMUNICATIONS (TC 57)**

IEC/TS 61850-80-1 Ed. 1.0 en:2008, Communication networks and systems for power utility automation - Part 80-1: Guideline to exchanging information from a CDC-based data model using IEC 60870-5-101 or IEC 60870-5-104, \$270.00

# Proposed Foreign Government Regulations

## Call for Comment

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

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

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

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

# Information Concerning

## American National Standards

### INCITS Executive Board

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

The InterNational Committee for Information Technology Standards (INCITS), an ANSI accredited SDO, is the forum for information technology developers, producers and users to create and maintain 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 30+ 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 all membership categories:

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

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

## Proposed Tentative Interim Amendment (TIA)

### Comments Sought for NFPA Document

Comment Deadline: January 16, 2009

The following proposed Tentative Interim Amendment is available for public review and comment at NFPA's Website <http://www.nfpa.org/itemDetail.asp?categoryID=844&itemID=20972>.

#### NFPA 58-2008

Liquefied Petroleum Gas Code  
TIA Log No.: 939  
Reference: 6.8.1.1  
Comment Closing Date: January 16, 2009  
Submitter: Technical Committee on Liquefied Petroleum Gases

#### NFPA 59A-2009

Standard for the Production, Storage, and Handling of Liquefied Natural Gas (LNG)  
TIA Log No. 944  
Reference: 5.3.3.6  
Comment Closing Date: January 16, 2009  
Submitter: Francis J. Katulak, Distrigas of Massachusetts

#### NFPA 70®-2008

National Electrical Code®  
TIA Log No.: 936  
Reference: 680.26  
Comment Closing Date: January 16, 2009  
Submitter: Wayne H. Robinson, Lothian, MD

#### NFPA 72®

National Fire Code®  
TIA Log No.: 946  
Reference: 11.3.5.3 (New)  
Comment Closing Date: January 16, 2009  
Submitter: Jeff Buss, Sure Signal Products, Inc.

#### NFPA 86-2007

Standard for Ovens and Furnaces  
TIA Log No.: 940  
Reference: 8.2.9  
Comment Closing Date: January 16, 2009  
Submitter: Ted Jablkowski, North American Manufacturing Company

#### NFPA 101-2000 and 2009 Editions

Life Safety Code  
TIA Log No.: 943  
Reference: 10.2  
Comment Closing Date: January 16, 2009  
Submitter: Thomas Jaeger, Jaeger & Associates, LLC

#### NFPA 130-2007 and proposed 2010 Edition

Standard for Fixed Guideway Transit and Passenger Rail Systems  
TIA Log No.: 942  
Reference: Table 8.4.1  
Comment Closing Date: January 16, 2009  
Submitter: Steven W. Roman, LTK Engineering Services

#### NFPA 1994-2007

Standard on Protective Ensembles for First Responders to CBRN Terrorism Incidents  
TIA Log No.: 945  
Reference: Chapters 7 and 8  
Comment Closing Date: January 16, 2009  
Submitter: Jeffrey O. Stull, International Personnel Protection, Inc.

## ANSI Accredited Standards Developers

### Reaccreditation

#### Health Industry Business Communications Council (HIBCC)

Comment Deadline: January 19, 2009

The Health Industry Business Communications Council (HIBCC), an ANSI organizational member, has submitted revisions to the operating procedures under which it was last reaccredited in 2004. As these revisions appear to be substantive in nature, the reaccreditation process is initiated.

To obtain a copy of the revised procedures, or to offer comments, please contact: Ms. Kate Diedrickson, President, HIBCC, 2525 E. Arizona Biltmore Circle, Suite 127, Phoenix, AZ 85016; PHONE: (602) 381-1091, ext. 111; FAX: (602) 381-1093; E-mail: [kate@hibcc.org](mailto:kate@hibcc.org). You may view/download a copy of the revisions during the public review period at the following URL:

<http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fPublic%20Review%20and%20Comments%2fANSI%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d>. As these revisions are available electronically, the public review period is 30 days. Please submit your comments to HIBCC by January 19, 2009, with a copy to the Recording Secretary, ExSC, in ANSI's New York Office (FAX: (212) 840-2298; E-mail: [Jthompso@ANSI.org](mailto:Jthompso@ANSI.org)).

## ANSI Accreditation Program for Third Party Personnel Certification Agencies

Application for Accreditation

National Ready Mixed Concrete Association

Comment Deadline: January 19, 2009

**National Ready Mixed Concrete Association**  
900 Spring Street  
Silver Spring, MD 20910, USA

The National Ready Mixed Concrete Association has submitted formal application for accreditation by ANSI for the following scopes of this certification body:

- Previous Concrete Contractor Certification Program

### Accredited Certification Bodies

Testing, Adjusting, and Balancing Bureau

Comment Deadline: January 19, 2009

**Testing, Adjusting, and Balancing Bureau**  
601 North Fairfax Street, Suite 240  
Alexandria, VA 22314, USA

The Testing, Adjusting, and Balancing Bureau has been accredited by ANSI for the following scopes of this certification body:

- TABB Supervisor
- TABB Technician

National Center for Construction Education and Research

Comment Deadline: January 19, 2009

**National Center for Construction Education and Research**  
3600 NW 43rd St, Building G  
Gainesville, FL 32606, USA

The National Center for Construction Education and Research has been accredited by ANSI for the following scopes of this certification body:

- Industrial/All Purpose Crane
- Rubber Tire Truck Mount Crane
- Rough Terrain/All Terrain

### Voluntary Accreditation Withdrawn

National Strength and Conditioning Association - Certification Commission

Comment Deadline: January 19, 2009

**National Strength and Conditioning Association - Certification Commission**  
3333 Landmark Circle  
Lincoln, NE 68504

The National Strength and Conditioning Association - Certification Commission has voluntarily withdrawn from ANSI accreditation for the following scopes of this certification body:

- Certified Strength and Conditioning Specialist
- NSCA-Certified Personal Trainer

Please send your comments by January 19, 2009 to Roy Swift, Ph.D., Program Director, Personnel Certifier Accreditation, American National Standards Institute, 1819 L Street, NW, 6th Floor, Washington, DC 20036, FAX: (202) 293-9287 or E-mail: [rswift@ansi.org](mailto:rswift@ansi.org).

## ANSI Accreditation Program for Third Party Product Certification Agencies

Application for Product Certification Accreditation Program

Guelph Food Technology Centre (GFTC)

Comment Deadline: January 19, 2009

*Applicant*

**Guelph Food Technology Centre (GFTC)**  
Mr. Frank Schreurs  
88 McGillvray  
Guelph, Ontario  
Canada N1G 2W1  
PHONE: (519) 821-1246  
FAX: (519) 836-1281  
E-mail: [fschreurs@gftc.ca](mailto:fschreurs@gftc.ca)

Guelph Food Technology Centre (GFTC) has submitted formal application for accreditation by ANSI of the following scope(s) of this certification body:

*Scopes:*

- SQF 1000 Code
- SQF 2000 Code

Please send your comments within 30 days from the date of publication to Reinaldo Balbino Figueiredo, Program Director, Product Certifier Accreditation, American National Standards Institute, 1819 L Street, NW, 6th Floor, Washington, DC 20036, FAX: (202) 293-9287 or E-mail: [rfigueir@ansi.org](mailto:rfigueir@ansi.org).

## ANSI-ASQ National Accreditation Board (ANAB)

ISO 9001 Quality Management Systems

Notice of Accreditation

Certification Body

International Certifications Ltd.

The ANSI-ASQ National Accreditation Board for Certification Bodies of Quality Management Systems is pleased to announce that the following certification body has earned accreditation:

**International Certifications Ltd.**  
David Evans  
P.O. Box 259 324, Greenmount  
Manukau, 2141  
New Zealand  
PHONE: 64-9-273-4099  
E-mail: [dle@intlcert.com](mailto:dle@intlcert.com)

## ISO 14001 Environmental Management Systems

### Notice of Accreditation

#### Certification Body

#### Advantage International Registrar, Inc.

The ANSI-ASQ National Accreditation Board for Certification Bodies of Environmental Management Systems is pleased to announce that the following certification body has earned accreditation:

##### **Advantage International Registrar, Inc.**

Elizabeth Taylor  
6325-9 Falls of Neuse Road, PMB 160  
Raleigh, NC 27615  
PHONE: 916-846-6864  
E-mail: elizabeth@advantageregistrar.com

## International Organization for Standardization (ISO)

### Call for International (ISO) Secretariat

#### ISO/TC 212 – Clinical Laboratory Testing and in vitro Diagnostic Test Systems

ANSI has been informed by the Clinical and Laboratory Standards Institute (CLSI), the ANSI delegated Secretariat of ISO/TC 212, Clinical Laboratory testing and in vitro diagnostic test systems, that they wish to relinquish the delegation of the secretariat of the ISO Technical Committee.

The scope of ISO/TC 212 is as follows:

Standardization and guidance in the field of laboratory medicine and in vitro diagnostic test systems. This includes, for example, quality management, pre- and post-analytical procedures, analytical performance, laboratory safety, reference systems and quality assurance.

##### Excluded:

- generic quality management standards dealt with by ISO/TC 176;
- quality management standards for medical devices dealt with by ISO/TC 210;
- reference materials guidelines dealt with by the ISO Committee on Reference Materials (REMCO);
- conformity assessment guidelines dealt with by the ISO Committee on Conformity assessment (CASCO).

Information concerning the United States retaining the role of international secretariat may be obtained by contacting Rachel Howenstine, ANSI, rhowenstine@ansi.org, for further information.

## Relinquishment of International (ISO) Secretariat

### Comment Deadline: January 22, 2009

#### ISO/TC 67 - Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries

ANSI has been advised by the American Petroleum Institute (API), that they no longer wish to serve as delegated secretariat for ISO/TC 67.

The scope of the ISO/TC 67 is as follows:

Standardization of the materials, equipment and offshore structures used in the drilling, production, transport by pipelines and processing of liquid and gaseous hydrocarbons within the petroleum, petrochemical and natural gas industries.

Excluded: aspects of offshore structures subject to IMO requirements (ISO/TC 8).

Should Henrietta Scully at ANSI (hscully@ansi.org) not receive any requests for the US retaining this International Secretariat by January 22, 2009, ANSI will advise ISO that the United States is relinquishing the secretariat of ISO/TC 67.

## U.S. Technical Advisory Groups

### Reaccreditation

#### ISO WG on Social Responsibility

### Comment Deadline: January 19, 2009

The U.S. TAG to the ISO Working Group on Social Responsibility has submitted additional revisions to the version of its operating procedures that underwent public review in the March 28, 2008 issue of Standards Action. These revised procedures, along with any public comments and responses, will be reviewed for reaccreditation by ANSI's Executive Standards Council's Subcommittee on Accreditation.

To obtain a copy of the latest version of the TAG's revised operating procedures, or to offer comments, please contact: Ms. Jennifer Admussen, CQA, CQIA, Standards Manager, Knowledge Offerings, American Society for Quality, 600 N. Plankinton Avenue, Milwaukee, WI 53201-3005; PHONE: (800) 248-1946, ext. 7736; FAX: (414) 270-8810; E-mail: standards@asq.org. Please submit your comments to ASQ by January 19, 2009, with a copy to the Recording Secretary, ExSC in ANSI's New York Office (FAX: (212) 840-2298; E-mail: Jthompso@ANSI.org). As the proposed procedures are available electronically, the public review period is 30 days. You may view or download a copy of the TAG's revised operating procedures from ANSI Online during the public review period at the following URL: <http://publicaa.ansi.org/sites/apdl/Documents/Forms/AllItems.aspx?RootFolder=%2fsites%2fapdl%2fDocuments%2fStandards%20Activities%2fPublic%20Review%20and%20Comments%2fANS%20Accreditation%20Actions&View=%7b21C60355%2dAB17%2d4CD7%2dA090%2dBABEEC5D7C60%7d>.

## Meeting Notices

### ASC Z87 – Safety Standards for Eye Protection

The Accredited Standards Committee Z87 on Safety Standards for Eye Protection will meet on Wednesday, January 14, 2009 (8:30 AM – 5:00 PM) and Thursday, January 15, 2009 (8:30 AM – 3:00 PM) at:

**The Vision Council**  
1700 Diagonal Road, Suite 500  
Alexandria, VA 22134

Meeting space is limited and is available on a first-come, first-serve basis. If you have questions or are interested in attending the Z87 Committee meeting, please contact Cristine Z. Fargo, Manager, Standards Programs at 703-525-1695 or [cfargo@safetyequipment.org](mailto:cfargo@safetyequipment.org).

**ANSI B11.1-200X****Standard Requirements****6.2.2.2 Stop circuits**

- 1) Stop circuits shall meet the following requirements:
  - a) Where indicated by functional requirements or risk assessment, stop circuits shall have provisions to connect additional operator stop controls, devices or interlocks.
  - b) The components of the stop circuit shall be designed, selected, constructed and interconnected in such a manner so as to withstand the anticipated operational and environmental operating conditions.
- 2) Stop or emergency stop actuator control circuits provided to immediately stop the cycling of the press slide, or to prevent or stop hazardous motion related to auxiliary equipment or other machines used with the press, shall conform to the following requirements:
  - a) The stop function executed for part revolution clutch press cycling shall be Category 0. The stop function executed for direct drive press cycling shall be Category 0 or Category 1;
  - b) The stopping of hazardous motion of other auxiliary equipment and machines used with the press production system by such circuits shall be Category 0 or Category 1;
  - c) The selection of a Category 0 or Category 1 stop shall be determined by the functional characteristics of the stopping mechanism(s) and the risk assessment of the equipment or machine;
  - d) If the emergency stop function impairs any provision designed to release trapped individuals, alternate measures shall be provided;
  - e) Where a Category 0 stop is used for the hazardous motion stop function, the circuits shall have only hardwired electromechanical components.

*EXCEPTION* – An electronic logic (hardware or software) system as well as a communication network or link that complies with 8.8 shall be permitted. Final removal of power shall be by means of electromechanical components.

**6.4.4.1 Clutch/brake valve**

The clutch/brake operating valve(s) for a part revolution clutch press shall be designed and constructed to prevent a significant increase in the normal stopping time due to any single failure within the operating valve mechanism and to inhibit further operation if such failure does occur.

**Explanatory Information****E6.2.2.2**

Local code and design selection may also require additional stop controls, devices, or interlocks.

Consideration should be given to:

- a) frequency of operation;
  - b) need for periodic testing (especially where operation is infrequent);
  - c) vibration, shock, temperature, dust, foreign or corrosive materials, fluids, etc.
- 2) Depending on system design, circuits for stop or emergency stop actuators for immediate stop of hazardous motion may stop only the cycling of the press slide or stop the press motors in addition to stopping the press slide. Where associated equipment or other machines are used with the press production system, the (emergency stop circuit) may also stop (or signal to stop) the other equipment or machines.

Alternate measures may include but are not limited to:

- a) predetermined procedures;
- b) supervised electrical control functions;
- c) trained personnel;
- d) design features.

**E6.4.4.1**

Air valves are the clutch/brake actuator that is predominately used, but hydraulic valves are becoming increasingly common.



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## NSF/ANSI 49

### Biosafety Cabinetry: Design, Construction, Performance, and Field Certification

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## 2 Normative references

The following documents contain requirements that, by reference in this text, constitute requirements of this Standard. At the time of publication, the indicated editions were valid. All documents are subject to revision, and parties are encouraged to investigate the possibility of applying the most recent editions of the documents indicated below.

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UL Standard 61010A-1<sup>13</sup>

UL Standard 61010-1<sup>13</sup>

*Reason: BSC manufacturers testing to 61010A-1 now will be required to retest to 61010-1 by 2014 in order to maintain their electrical certification. In order to help them avoid this expense, all future electrical safety testing should be completed to 61010-1. Therefore, the reference will be added in NSF/ANSI 49 where applicable.*

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## 3 Definitions

**3.xx toxic:** Having an adverse physiological effect on biological systems.

**3.xx w.g.: (water gauge)** Another common name for the inch of water column. The word "gauge" after a pressure reading indicates that the pressure stated is actually the difference between the absolute or total pressure and the air pressure at the time of the reading.

*Reason: W.g. is used throughout the standard and is not defined. By adding this definition, it will clarify the intent of its use throughout the standard.*

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### 6.8 Stability

The cabinet shall be designed and constructed to resist overturning and distortion under applied forces, resist deflection of the work surfaces under load, and resist tipping under workload.

#### 6.8.1 Resistance to overturning

Cabinets shall conform to the requirements of UL ~~61010A-1~~61010-1, section 7.3.

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#### 6.13 Motor/blower performance

When the cabinet is operated at the nominal set point velocities and without readjusting the fan speed control, a 50%

<sup>13</sup> Underwriters Laboratories, 333 Pfingsten Rd., Northbrook, IL 60062-2096 [www.ul.com](http://www.ul.com)

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increase in pressure drop across the new filter shall not decrease total air delivery more than 10%.

## 6.14 Electrical safety

The cabinet shall conform to the requirements of UL ~~64040A-161010-1~~.

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## A.7 Stability tests

### A.7.1 Purpose

These tests demonstrate the structural integrity and stability of a biosafety cabinet for the following:

- resistance to overturning under applied forces (refer to UL ~~64040A-161010-1~~) cited in 6.8.1 of this Standard);
- resistance to distortion under applied forces;
- resistance to deflection of work surfaces under load; and
- stability with respect to tipping under load.

Tests are performed by applying static force loads, as described below, and measuring the distortion or deflection within the cabinet.

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## F.1 Field certification preconditions and intervals

This annex contains the field tests that define the methods and acceptance criteria that are appropriately applied for determining qualification for field certification of all Class II biological safety cabinets. These field certification procedures are intended to confirm that an installed cabinet evaluated under the current version of the Standard has met all design criteria contained in NSF/ANSI 49 and currently meets all criteria contained in this annex. All cabinets shall be field tested using the procedures described in NSF/ANSI 49, annex F—2002, with the exception of the downflow velocity test. When the downflow velocity test is performed, the procedure by which the cabinet was certified should be used; however, the acceptance criteria outlined in the 2002 standard shall be applied. Downflow velocity readings shall be taken four inches (ten centimeters) above the bottom edge of the window only when so stated on the manufacturer's data plate label or when the manufacturers' data plate label indicates the cabinet was listed to NSF/ANSI 49-2002 or later.

***Reason: This will update that field certification must adhere to the requirements of the current version of the standard with the exception of the downflow velocity test.***

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## F.8 Electrical leakage and ground circuit resistance and polarity tests

All new cabinets shall conform to UL ~~64040A-161010-1~~. Older cabinets shall conform to UL 61010A-1 or may refer to NSF 49 – 1992 for Electrical Leakage, Ground Circuit Resistance, and Polarity tests if necessary.

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## **BSR/UL 147-200x**

### **PROPOSALS**

17.1 A torch unit incorporating an integral container shall be subjected to the heat of a charcoal fire as specified in 17.2, ~~17.4~~ 17.3, and 17.5. The relief device system provided on the container or the inherent design of the torch unit shall operate to reduce the risk of rupture or propulsion of the torch unit from pressure build-up.

17.5 The ~~six remaining samples without pressure monitoring connection are to~~ shall be individually tested in the charcoal fire in various positions and orientations that ~~will~~ shall include vertical up, vertical down, and horizontal. The test shall be conducted until the entire contents of the container have been exhausted.

**BSR/UL 147A-200x****PROPOSALS**

14.5 ~~The ten remaining samples without the pressure monitoring connections are to~~ shall be individually tested in the charcoal fire ~~when~~ in various positions and orientations that shall include vertical up, vertical down, and horizontal. The test shall be conducted until the entire contents of the container have been exhausted. ~~positioned as follows:~~

- a) ~~Samples 1 and 2 — horizontal with relief device up (away from fire);~~
- b) ~~Samples 3 and 4 — vertical with relief device up;~~
- c) ~~Samples 5 and 6 — vertical with relief device down (in fire);~~
- d) ~~Samples 7 and 8 — 45 degrees from horizontal with relief device up; and~~
- e) ~~Samples 9 and 10 — 45 degrees from horizontal with relief device down.~~

## Standard for Ice Makers, BSR/UL 563

### PROPOSAL

3.7 ENCLOSURE – That part of an ice maker that by itself or in conjunction with barriers:

- a) Renders inaccessible all or any part of the unit that may otherwise present risk of electric shock,
- b) Reduces the risk of contact with parts that may cause injury to persons, and/or,
- c) Prevents propagation of flame initiated by electrical disturbances occurring within the unit.

A unit cabinet that serves as sole enclosure for ignition sources is considered to be a group 1 enclosure. Separate enclosures located within or mounted on the outer surface of the unit cabinet are considered group 1 enclosures if they serve as a sole enclosure for ignition sources. Enclosures not serving as an ultimate enclosure for ignition sources are considered to be group 2.

8A.1.4 Ignitions sources within the unit are considered to be:

- a) High voltage uninsulated terminals,
- b) High voltage printed circuit board traces,
- c) High voltage open coils/windings,
- d) High voltage open contacts, and
- e) High voltage wiring not employing VW-1 insulation.

Exception No. 1: High voltage Type S, SE, SO, SOO, ST, STO, STOO, SJ, SJE, SJO, SJOO, SJT, SJTO, and SJTOO power cords not located within the group 1 enclosure are not considered ignition sources.

Exception No. 2: Impedance protected motors employing open-coil or exposed winding constructions need not be separated as indicated in 8A.3.1 and 8A.3.3 if they comply with the Burnout Test – Impedance Protected Motors, Section 51C.

Exception No. 3: Thermally protected motors having openings in their enclosures need not be separated as indicated in 8A.3.1 and 8A.3.2 if they comply with the requirements in ~~49.12~~ 18.12.

Exception No. 4: Transformers complying with the requirements in Section 20 need not be separated.

**Table 51D.1  
Tests on nonmetallic materials**

Test Group	Applicable Test Number
Group 1 A part serving as an ultimate enclosure for ignition sources.	1 <sup>a</sup> , 2 <sup>b</sup> , 3 <sup>c</sup> , or 4 <sup>d</sup> , 6, 7 <sup>e,t</sup> , 8 <sup>g</sup> , 9, 10, 11, 12, <del>13</del>
Group 2 An enclosure not serving as an ultimate enclosure for ignition sources.	Minimum 4, 6, 7 <sup>e,t</sup> , 8 <sup>g</sup> , 9, 10, 11, 12, <del>13</del>
Group 3 A functional part.	3 <sup>h</sup> , 4 <sup>d</sup> , 6, 7 <sup>e,t</sup> , 8 <sup>g</sup> , <u>9</u> , 10, 11, <del>12</del>
Group 4 A nonfunctional part.	3 <sup>h</sup> , 4 <sup>d</sup> , 5 <sup>d,t</sup> , <del>9</del>

## NOTES

1. 5 inch end product flame test<sup>i</sup>.
2. 5V rated material.
3. V-0, V-1, V-2, HF-1, HF-2 rated materials 3/4 inch End Product Flame Test or 12 mm End Product Flame Test<sup>i</sup>.
4. HB or HBF rated material or a material with a flame spread rating of 25 or less and a smoke developed rating of 50 or less.
5. HBF, HF-1, HF-2 rated materials.
6. Mold Stress-Relief Test<sup>i</sup>.
7. Fastener Strength Test, Section 51B.
8. Adhesive Test<sup>i</sup>.
9. Volume Resistivity Test<sup>i</sup> – Applies only if electrical spacings between uninsulated live parts and the material are less than specified in line-voltage circuits, and extra-low voltage (Class 2) circuits, or if the part is used as indirect support of an uninsulated live part.
10. High Current Arc Ignition Test<sup>i</sup> – Applies only if the material is used to enclose uninsulated live parts or to provide indirect support of uninsulated live parts. This test need not be conducted if the uninsulated live parts are located a minimum of 1/32 inch (0.79 mm) from the enclosure or functional part.
11. Hot Wire Ignition Test<sup>i</sup> – Applies only if the material is within 1/2 inch (12.7 mm) of electrically-heated wires or resistors.
12. Impact Tests<sup>i</sup> – 5 ft-lb (6.8 J) impact for enclosures containing uninsulated live parts, 1.5 ft-lb (2.0 J) impact for enclosures containing moving and hot parts. If an enclosure of uninsulated live parts is protected because of it's location within the confines of the refrigerator, it shall withstand an impact of 1.5 ft-lb (2.0 J).

<sup>a</sup> An enclosure provided with a barrier interposed between the material and an ignition source will be tested with the barrier in place.

<sup>b</sup> A material with a V-2 minimum rating is able to be used to enclose an ignition source if the ignition source is only energized as a result of a continuous action by an attending operator.

<sup>c</sup> These materials are able to be used if ignition sources are separated or isolated in accordance with 8A.3.3 and 8A.3.4. When the ignition source is line voltage wiring, the wiring need not be separated or isolated from enclosures formed from a material with a minimum V-2 rating.

<sup>d</sup> If line voltage wiring without VW-1 insulation is the only ignition source and it is separated or isolated in accordance with 8A.3.3 and 8A.3.4, materials having a minimum HB or HBF rating are able to be used.

<sup>e</sup> Applies only to the ultrasonic welds, or heat welds; polymeric screws or nuts; metal screws threaded into a polymeric part; or other means where degradation of a polymeric material affects securement.

<sup>f</sup> Applies to an enclosure that serves only to reduce the risk of electric shock.

<sup>g</sup> Applies only if the adhesive is relied on to maintain the integrity of an enclosure or functional part.

<sup>h</sup> If ignition sources are separated or isolated in accordance with 8A.3.3 and 8A.3.4, materials having a minimum HB or HBF rating are able to be used as a functional or non-functional part.

<sup>i</sup> Tested or rated as described in UL 746C.

8.1.4 A sheet metal enclosure is to be evaluated with respect to its size, shape, metal thickness, and use in a particular application. Sheet steel used as an electrical enclosure of uninsulated live parts shall be not less than 0.026 inch (0.66 mm) if uncoated or 0.029 inch (0.74 mm) if galvanized, or 0.036 inch (0.91 mm) nonferrous sheet metal ~~having a thickness of less than 0.036 inch (0.91 mm), are not acceptable~~, except for relatively small areas or for surfaces that are curved or corrugated or otherwise reinforced such as by angles, channels, flanges, or ribs.

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## 2009 STANDARDS ACTION PUBLISHING SCHEDULE—VOLUME NO. 40

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2	12/23/2008	12/29/2008	<b>9-Jan</b>	2/8/2009	2/23/2009	3/10/2009
3	12/30/2008	1/5/2009	<b>16-Jan</b>	2/15/2009	3/2/2009	3/17/2009
4	1/6/2009	1/12/2009	<b>23-Jan</b>	2/22/2009	3/9/2009	3/24/2009
5	1/13/2009	1/19/2009	<b>30-Jan</b>	3/1/2009	3/16/2009	3/31/2009
6	1/20/2009	1/26/2009	<b>6-Feb</b>	3/8/2009	3/23/2009	4/7/2009
7	1/27/2009	2/2/2009	<b>13-Feb</b>	3/15/2009	3/30/2009	4/14/2009
8	2/3/2009	2/9/2009	<b>20-Feb</b>	3/22/2009	4/6/2009	4/21/2009
9	2/10/2009	2/16/2009	<b>27-Feb</b>	3/29/2009	4/13/2009	4/28/2009
10	2/17/2009	2/23/2009	<b>6-Mar</b>	4/5/2009	4/20/2009	5/5/2009
11	2/24/2009	3/2/2009	<b>13-Mar</b>	4/12/2009	4/27/2009	5/12/2009
12	3/3/2009	3/9/2009	<b>20-Mar</b>	4/19/2009	5/4/2009	5/19/2009
13	3/10/2009	3/16/2009	<b>27-Mar</b>	4/26/2009	5/11/2009	5/26/2009
14	3/17/2009	3/23/2009	<b>3-Apr</b>	5/3/2009	5/18/2009	6/2/2009
15	3/24/2009	3/30/2009	<b>10-Apr</b>	5/10/2009	5/25/2009	6/9/2009
16	3/31/2009	4/6/2009	<b>17-Apr</b>	5/17/2009	6/1/2009	6/16/2009
17	4/7/2009	4/13/2009	<b>24-Apr</b>	5/24/2009	6/8/2009	6/23/2009
18	4/14/2009	4/20/2009	<b>1-May</b>	5/31/2009	6/15/2009	6/30/2009
19	4/21/2009	4/27/2009	<b>8-May</b>	6/7/2009	6/22/2009	7/7/2009
20	4/28/2009	5/4/2009	<b>15-May</b>	6/14/2009	6/29/2009	7/14/2009
21	5/5/2009	5/11/2009	<b>22-May</b>	6/21/2009	7/6/2009	7/21/2009
22	5/12/2009	5/18/2009	<b>29-May</b>	6/28/2009	7/13/2009	7/28/2009
23	5/19/2009	5/25/2009	<b>5-Jun</b>	7/5/2009	7/20/2009	8/4/2009
24	5/26/2009	6/1/2009	<b>12-Jun</b>	7/12/2009	7/27/2009	8/11/2009
25	6/2/2009	6/8/2009	<b>19-Jun</b>	7/19/2009	8/3/2009	8/18/2009
26	6/9/2009	6/15/2009	<b>26-Jun</b>	7/26/2009	8/10/2009	8/25/2009
27	6/16/2009	6/22/2009	<b>3-Jul</b>	8/2/2009	8/17/2009	9/1/2009
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30	7/7/2009	7/13/2009	<b>24-Jul</b>	8/23/2009	9/7/2009	9/22/2009
31	7/14/2009	7/20/2009	<b>31-Jul</b>	8/30/2009	9/14/2009	9/29/2009
32	7/21/2009	7/27/2009	<b>7-Aug</b>	9/6/2009	9/21/2009	10/6/2009
33	7/28/2009	8/3/2009	<b>14-Aug</b>	9/13/2009	9/28/2009	10/13/2009
34	8/4/2009	8/10/2009	<b>21-Aug</b>	9/20/2009	10/5/2009	10/20/2009
35	8/11/2009	8/17/2009	<b>28-Aug</b>	9/27/2009	10/12/2009	10/27/2009
36	8/18/2009	8/24/2009	<b>4-Sep</b>	10/4/2009	10/19/2009	11/3/2009
37	8/25/2009	8/31/2009	<b>11-Sep</b>	10/11/2009	10/26/2009	11/10/2009
38	9/1/2009	9/7/2009	<b>18-Sep</b>	10/18/2009	11/2/2009	11/17/2009
39	9/8/2009	9/14/2009	<b>25-Sep</b>	10/25/2009	11/9/2009	11/24/2009
40	9/15/2009	9/21/2009	<b>2-Oct</b>	11/1/2009	11/16/2009	12/1/2009
41	9/22/2009	9/28/2009	<b>9-Oct</b>	11/8/2009	11/23/2009	12/8/2009
42	9/29/2009	10/5/2009	<b>16-Oct</b>	11/15/2009	11/30/2009	12/15/2009
43	10/6/2009	10/12/2009	<b>23-Oct</b>	11/22/2009	12/7/2009	12/22/2009
44	10/13/2009	10/19/2009	<b>30-Oct</b>	11/29/2009	12/14/2009	12/29/2009
45	10/20/2009	10/26/2009	<b>6-Nov</b>	12/6/2009	12/21/2009	1/5/2010
46	10/27/2009	11/2/2009	<b>13-Nov</b>	12/13/2009	12/28/2009	1/12/2010
47	11/3/2009	11/9/2009	<b>20-Nov</b>	12/20/2009	1/4/2010	1/19/2010
48	11/10/2009	11/16/2009	<b>27-Nov</b>	12/27/2009	1/11/2010	1/26/2010
49	11/17/2009	11/23/2009	<b>4-Dec</b>	1/3/2010	1/18/2010	2/2/2010
50	11/24/2009	11/30/2009	<b>11-Dec</b>	1/10/2010	1/25/2010	2/9/2010
51	12/1/2009	12/7/2009	<b>18-Dec</b>	1/17/2010	2/1/2010	2/16/2010
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