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## American National Standards

### Call for comment on proposals listed

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

#### 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: June 17, 2007

### UL (Underwriters Laboratories, Inc.)

#### Revisions

- ★ BSR/UL 1086-200x, Standard for Safety for Household Trash Compactors (revision of ANSI/UL 1086-2005)

The following is being proposed: (1) Supply installation and user manuals in electronic format in addition to required printed materials; and (2) Delete obsolete asbestos-insulated wire, type AF.

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

Send comments (with copy to BSR) to: Jeff Prusko, UL-IL; jeffrey.prusko@us.ul.com

## Comment Deadline: July 2, 2007

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

#### New Standards

- ★ BSR/ASAE S303.4-200x, Test Procedure for Solids-Mixing Equipment for Animal Feeds (new standard)

Promotes uniformity and consistency in the terms used to describe and evaluate animal feed mixers. Provides a procedure for testing mixers, which ultimately improves the quality of animal feed mixtures.

Single copy price: \$40.00

Obtain an electronic copy from: vangilder@asabe.org

Order from: Carla VanGilder, ASABE; vangilder@asabe.org

Send comments (with copy to BSR) to: Same

### ATIS (Alliance for Telecommunications Industry Solutions)

#### Revisions

BSR ATIS 0600315-200x, Voltage Levels for DC Powered Equipment Used in the Telecommunications Environment (revision and redesignation of ANSI T1.315-2001 (R2006))

Establishes requirements, and test procedures for voltage ranges and characteristics (i.e., transients and noise) associated with the input voltage of network telecommunications equipment powered from dc power systems in the telecommunications environment.

Single copy price: \$108.00

Obtain an electronic copy from: kconn@atis.org

Order from: Kerriane Conn, ATIS; kconn@atis.org

Send comments (with copy to BSR) to: Same

### AWS (American Welding Society)

#### New Standards

BSR/AWS A5.34/A5.34M-200x, Specification for Nickel-Alloy Electrodes for Flux Cored Arc Welding (new standard)

Specifies the composition, soundness, and properties of weld metal from ten grades of flux cored electrodes. Standard electrode sizes together with their package forms and package sizes are detailed.

Single copy price: \$25.00

Obtain an electronic copy from: roneill@aws.org

Order from: Rosalinda O'Neill, AWS; roneill@aws.org; adavis@aws.org

Send comments (with copy to BSR) to: Andrew Davis, AWS; adavis@aws.org

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

#### New Standards

Draft INCITS 437-200x, Information technology - Fibre Channel SATA Tunneling Protocol (FC-SATA) (new standard)

Specifies a Fibre Channel mapping layer (i.e., an FC-4) to enable the use of Fibre Channel topologies to attach Serial ATA devices to ATA host systems. The Serial ATA interface is defined in the ATA/ ATAPI-7 set of standards (ANSI INCITS 397-2005).

Single copy price: \$30.00

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

Order from: Global Engineering Documents; [www.global.ihs.com](http://www.global.ihs.com)

Send comments (with copy to BSR) to: Barbara Bennett, ITI (INCITS); [bbennett@itic.org](mailto:bbennett@itic.org)

#### Addenda

Draft INCITS 397-2005/AM1-200x, Information Technology - AT Attachment with Packet Interface-7 - Amendment 1 (ATA/ATAPI-7/AM 1) (addenda to ANSI INCITS 397-2005)

The purpose of this draft is to amend ANSI INCITS 397-2005 and serve as a supplement to this standard.

Single copy price: \$30.00

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

Order from: Global Engineering Documents; [www.global.ihs.com](http://www.global.ihs.com)

Send comments (with copy to BSR) to: Barbara Bennett, ITI (INCITS); [bbennett@itic.org](mailto:bbennett@itic.org)

### NSF (NSF International)

#### Revisions

BSR/NSF 50-200x (i16), Circulation system components and related materials for swimming pools, spas/hot tubs (revision of ANSI/NSF 50-2000)

Issue 16: To incorporate requirements for the evaluation and testing of automated controllers (revision 2).

Single copy price: \$35.00

Obtain an electronic copy from: [www.techstreet.com/cgi-bin/browsePublisher?publisher\\_id=133&subgroup\\_id=10020](http://www.techstreet.com/cgi-bin/browsePublisher?publisher_id=133&subgroup_id=10020)

Order from: Sarah Kozanecki, NSF; [kozanecki@nsf.org](mailto:kozanecki@nsf.org)

Send comments (with copy to BSR) to: Same

### TIA (Telecommunications Industry Association)

#### New Standards

- ★ BSR/TIA 455-1090-200x, 90 Degree Seal Under Load Test Procedure for Fiber Optic Cable Interconnecting Devices (new standard)

Hardened fiber optic cable assemblies intended for use in the field shall be subjected to this test. The samples under test shall be mounted in a test fixture and subjected to a 10-foot head of water for a period of 7 days. There shall be moisture indicators that provide permanent indication of moisture placed on the samples under test to detect any water leakage.

Single copy price: \$44.00

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

Order from: Global Engineering Documents; [www.global.ihs.com](http://www.global.ihs.com)

Send comments (with copy to BSR) to: Marianna Kramarikova, TIA; [mkramarikova@tiaonline.org](mailto:mkramarikova@tiaonline.org)

**Addenda**

- ★ BSR/TIA 41.691-E-2-200x, Mobile Application Part (MAP) - Annexes for the 6XX Series (addenda to ANSI/TIA 41.691-E-200x)

These annexes are informative.

Single copy price: \$68.00

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

Order from: Global Engineering Documents; [www.global.ihs.com](http://www.global.ihs.com)

Send comments (with copy to BSR) to: Carolyn Bowens, TIA;  
[cbowens@tiaonline.org](mailto:cbowens@tiaonline.org)

**UAMA (ASC B74) (Unified Abrasive Manufacturers' Association)****Reaffirmations**

BSR B74.4-1992 (R200x), Procedure for Bulk Density of Abrasive Grains (reaffirmation of ANSI B74.4-1992 (R2002))

The method of test is primarily intended for determining the bulk density of abrasive grains.

Single copy price: \$15.00

Obtain an electronic copy from: [sab@wherryassoc.com](mailto:sab@wherryassoc.com)

Order from: Sharyn Berki, UAMA (ASC B74); [sab@wherryassoc.com](mailto:sab@wherryassoc.com)

Send comments (with copy to BSR) to: J. Jeffrey Wherry, UAMA (ASC B74); [jjw@wherryassoc.com](mailto:jjw@wherryassoc.com)

BSR B74.19-2002 (R200x), Test for Determining Magnetic Content of Abrasive Grains (reaffirmation of ANSI B74.19-2002)

Establishes a nationally recognized basis for determining the magnetic content of abrasive grain used in the manufacture of grinding wheels, coated abrasive products, general polishing, and other industrial uses such as pressure blasting, wiresawing, lithoplate graining, etc.

Single copy price: \$13.00

Obtain an electronic copy from: [sab@wherryassoc.com](mailto:sab@wherryassoc.com)

Order from: Sharyn Berki, UAMA (ASC B74); [sab@wherryassoc.com](mailto:sab@wherryassoc.com)

Send comments (with copy to BSR) to: J. Jeffrey Wherry, UAMA (ASC B74); [jjw@wherryassoc.com](mailto:jjw@wherryassoc.com)

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

BSR/UL 2201-200x, Portable Engine-Generator Assemblies (new standard)

See [page 20](#) of Standards Action for the complete scope.

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, UL-IL;  
[Heather.Sakellariou@us.ul.com](mailto:Heather.Sakellariou@us.ul.com)

**Revisions**

BSR/UL 13-200x, Standard for Power-Limited Circuit Cables (revision of ANSI/UL 13-2005)

Adds provisions for silver-plated steel 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: Mitchell Gold, UL-IL;  
[Mitchell.Gold@us.ul.com](mailto:Mitchell.Gold@us.ul.com)

BSR/UL 746E-200x, Standard for Safety for Polymeric Materials - Industrial Laminates, Filament Wound Tubing, Vulcanized Fibre, and Materials Used in Printed Wiring Boards (Proposals dated May 18, 2007) (revision of ANSI/UL 746E-2007)

Proposes changes to various construction and performance requirements in UL 746E.

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, UL-CA;  
[Derrick.L.Martin@us.ul.com](mailto:Derrick.L.Martin@us.ul.com)

BSR/UL 796-200x, Standard for Safety for Printed-Wiring Boards (Proposals dated May 18, 2007) (revision of ANSI/UL 796-2006)

Clarifies requirements for the following items in UL 796:

- (1) Thickness of UL/ANSI industrial laminates;
- (2) Plated-through-hole sample test patterns;
- (3) Multilayer constructions;
- (4) Thermal shock evaluation using the sand bath method;
- (5) Factory identification marking; and
- (6) CTI markings.

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, UL-CA;  
[Derrick.L.Martin@us.ul.com](mailto:Derrick.L.Martin@us.ul.com)

**Comment Deadline: July 17, 2007**

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

**ANS (American Nuclear Society)****New Standards**

BSR/ANS 15.19-200x, Shipment and Receipt of Special Nuclear Material (SNM) by Research Reactors (new standard)

Provides the necessary information for the shipping, receiving, and storing of fuel and other fabricated special nuclear material for research reactors. The areas addressed are:

- data collection and analysis;
- packaging selection;
- preparation of the package or shipment, or both;
- safeguards;
- internal material control;
- records; and
- quality assurance for shipping.

Single copy price: \$20.00

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

Order from: Patricia Schroeder, ANS; [pschroeder@ans.org](mailto:pschroeder@ans.org)

Send comments (with copy to BSR) to: Same

**Revisions**

BSR/ANS 15.2-200x, Quality Control for Plate-Type Uranium-Aluminum Fuel Elements (revision of ANSI/ANS 15.2-1999)

Sets forth general requirements for the establishment and execution of a program designed to verify that the quality of plate-type uranium-aluminum fuel elements being purchased for research reactors conforms to the requirements of the contract and applicable technical documents, including specifications, standards, and drawings.

Single copy price: \$20.00

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

Order from: Patricia Schroeder, ANS; [pschroeder@ans.org](mailto:pschroeder@ans.org)

Send comments (with copy to BSR) to: Same

**Reaffirmations**

BSR/ANS 59.51-1997 (R200x), Fuel Oil Systems for Safety-Related Emergency Diesel Generators (reaffirmation of ANSI/ANS 59.51-1997)

Provides functional, performance, and initial design requirements for the fuel oil system for diesel generators that provide safety-related emergency onsite power for light water reactor nuclear power plants. This standard addresses the mechanical equipment associated with the fuel oil system, with the exception of the engine mounted components. These components, which are mounted directly to the engine structure itself, are excluded except to define interface requirements.

Single copy price: \$60.00

Obtain an electronic copy from: pschroeder@ans.org

Order from: Patricia Schroeder, ANS; pschroeder@ans.org

Send comments (with copy to BSR) to: Same

BSR/ANS 59.52-1998 (R200x), Lubricating Oil Systems for Safety-Related Emergency Diesel Generators (reaffirmation of ANSI/ANS 59.52-1998)

Provides functional, performance, and design requirements for lubricating oil systems for diesel generators that provide emergency onsite power for light water reactor nuclear power plants. The standard addresses all mechanical equipment associated with the lubricating oil system, with the exception of engine mounted components. These components, which are mounted directly to engine structure itself, are excluded, except to define interface requirements.

Single copy price: \$54.00

Obtain an electronic copy from: pschroeder@ans.org

Order from: Patricia Schroeder, ANS; pschroeder@ans.org

Send comments (with copy to BSR) to: Same

**CSA (3) (CSA America, Inc.)****New Standards**

- ★ BSR Z83.26-200x, Gas-Fired Infrared Patio Heaters (same as CSA 2.37) (new standard)

Describes patio heaters for heating residential or nonresidential outdoor spaces. Outdoor heaters may be suspended overhead, angle-mounted overhead, wall mounted, or floor mounted. Floor-mounted heaters may be free-standing or portable. Outdoor heaters may be connected to a fixed fuel piping system or connected to an integral self-contained LP gas supply. Cylinder size shall be limited to 20 lb of fuel.

Single copy price: \$175.00

Order from: Allen Callahan, CSA; al.callahan@csa-america.org

Send comments (with copy to BSR) to: Same

**Revisions**

- ★ BSR Z21.1a-200x, Household Cooking Gas Appliances (revision of ANSI Z21.1-2005)

Details test and examination criteria for household cooking appliances for use with natural manufactured and mixed gases, liquefied petroleum gases and LP gas-air mixtures. The standard defines a household cooking gas appliance as an appliance for domestic food preparation, providing at least one function of

- (1) top or surface cooking;
- (2) oven cooking; or
- (3) broiling.

Single copy price: \$50.00

Order from: Allen Callahan, CSA; al.callahan@csa-america.org

Send comments (with copy to BSR) to: Same

BSR Z21.5.1a-200x, American National Standard/CSA Standard for Gas Clothes Dryers, Volume I, Type 1 Clothes Dryers (same as CSA 7.1a) (revision of ANSI Z21.5.1-2006/CSA 7.1-2006)

Details test and examination criteria for Type 1 clothes dryers for use with natural, manufactured or mixed gases, liquefied petroleum gases or LP gas-air mixtures.

Single copy price: \$50.00

Order from: Allen Callahan, CSA; al.callahan@csa-america.org

Send comments (with copy to BSR) to: Same

- ★ BSR Z21.5.2b-200x, American National Standard/CSA Standard for Gas Clothes Dryers, Volume II, Type 2 Clothes Dryers (same as CSA 7.2b) (revision of ANSI Z21.5.2-2004 and ANSI Z21.5.2a-2006)

Details test and examination criteria for Type 2 clothes dryers for use with natural, manufactured or mixed gases, liquefied petroleum gases or LP gas-air mixtures.

Single copy price: \$50.00

Order from: Allen Callahan, CSA; al.callahan@csa-america.org

Send comments (with copy to BSR) to: Same

BSR Z83.19b-200x, American National Standard/CSA Standard for Gas-Fired High Intensity Infrared Heaters (same as CSA 2.35b) (revision of ANSI Z83.19-2001 and ANSI Z83.19a-2002)

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: \$50.00

Order from: Allen Callahan, CSA; al.callahan@csa-america.org

Send comments (with copy to BSR) to: Same

- ★ BSR Z83.20-200x, American National Standard/CSA Standard for Gas-Fired Tubular and Low Intensity Infrared Heaters, (same as CSA 2.34) (revision of 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: \$175.00

Order from: Allen Callahan, CSA; al.callahan@csa-america.org

Send comments (with copy to BSR) to: Same

**Reaffirmations**

BSR Z21.40.1-1996/CGA 2.91-M96 and BSR Z21.40.1a-1997/CGA 2.91a-M97 (R200x), American National Standard/CGA Standard for Gas-Fired, Heat Activated Air Conditioning and Heat Pump Appliances, and Addenda "a" (reaffirmation of ANSI Z21.40.1-1996 (R2002))

Details test and examination criteria for gas-fired, heat activated air-conditioning and heat pump appliances which make use of the thermal output of fuel gas combustion of natural, manufactured and mixed gases, liquefied petroleum gases, and LP gas-air mixtures for providing their heating, cooling, or dehumidifying effect. These appliances supply conditioned air; heated and/or cooled liquid; or refrigerants, gases, solids, or liquids to spaces remote from or adjacent to the appliance.

Single copy price: \$567.00

Order from: Allen Callahan, CSA; al.callahan@csa-america.org

Send comments (with copy to BSR) to: Same

BSR Z21.40.2-1996/CGA 2.92-M96 and BSR Z21.40.2a-1997/CGA 2.92a-M97 (R200x), American National Standard/CGA Standard for Air Conditioning and Heat Pump Appliances and Addenda "a" (reaffirmation of ANSI Z21.40.2-1996 (R2002))

Details test and examination criteria for gas-fired engine-driven air-conditioning and heat pump appliances which make use of internal combustion for use with natural, manufactured and mixed gases, liquefied petroleum gases, and LP gas-air mixtures. Consisting of sections installed indoor, outdoor, or both, these appliances supply conditioned air, chilled liquid or refrigerant to spaces remote from or adjacent to the appliance.

Single copy price: \$522.00

Order from: Allen Callahan, CSA; al.callahan@csa-america.org

Send comments (with copy to BSR) to: Same

BSR Z21.40.4-1996/CGA 2.94-M96 and BSR Z21.40.4a-1998/CGA 2.94a-M98 (R200x), American National Standard/CGA Standard for Performance Testing and Rating of Gas-Fired, Air Conditioning and Heat Pump Appliances (reaffirmation of ANSI Z21.40.4-1996 (R2002))

Details methods of testing and rating gas-fired air-conditioning and heat pump appliances that utilize natural, manufactured and mixed gases, liquefied petroleum gases, and LP gas-air mixtures. This includes engine-driven heat pumps, absorption-cycle heat pumps, desiccant-type heat pumps, and other gas-fired heat pumps. The heat pumps may provide the functions of year-round space conditioning either by direct heating and cooling of air or indirectly by production of heated and chilled water.

Single copy price: \$481.00

Order from: Allen Callahan, CSA; al.callahan@csa-america.org

Send comments (with copy to BSR) to: Same

## IEEE (Institute of Electrical and Electronics Engineers)

### New Standards

BSR/IEEE 421.1-200x, Standard Definitions for Excitation Systems for Synchronous Machines (new standard)

Defines elements and commonly used components in excitation control systems and contains definitions for excitation systems as applied to synchronous machines.

Single copy price: N/A

Order from: IEEE Customer Service, phone: +1-800-678-4333; fax:+1-732-981-9667; online: <http://shop.ieee.org/ieeestore/>

Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 602-200x, Recommended Practice for Electric Systems in Health Care Facilities (new standard)

Provides a recommended practice for the design and operation of electric systems in health care facilities. The term "health care facility," as used here, encompasses buildings or parts of buildings that contain hospitals, nursing homes, residential custodial care facilities, clinics, and medical and dental offices. Buildings or parts of buildings within an industrial or commercial complex, used as medical facilities, logically fall within the scope of this recommended practice.

Single copy price: N/A

Order from: IEEE Customer Service, phone: +1-800-678-4333; fax:+1-732-981-9667; online: <http://shop.ieee.org/ieeestore/>

Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 1260-200x, Guide on the Prediction, Measurement, and Analysis of AM Broadcast Reradiation by Power Lines (new standard)

Provides a set of procedures to be followed to cope with reradiation of AM broadcast signals from power lines and other metallic structures.

Single copy price: \$105.00 (Non-member); \$84.00 (IEEE Member)

Order from: IEEE Customer Service, phone: +1-800-678-4333; fax:+1-732-981-9667; online: <http://shop.ieee.org/ieeestore/>

Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE 1450.3-200x, Standard for Extensions to Standard Test Interface Language (STIL) (IEEE Std. 1450-1999) for Tester Target Specification (new standard)

Defines structures in STIL:

- (1) For the specification of resource mapping of ATE hardware architecture. An example of resource mapping is the assignment of tester resources to waveform characters that are used in STIL-vectors;
- (2) For including ATE specific instructions in-line with the STIL data;
- (3) That allow for "incremental processing" whereby a set of STIL files may be targeted to multiple ATE systems by allowing separately identified ATE data to co-exist;
- (4) For defining tester rules checks to ensure that the set of generated STIL files conform to the selected resources on one or more ATE systems; and
- (5) For the specification of the resources required for the execution of a set of STIL files on a given ATE system.

Single copy price: N/A

Order from: IEEE Customer Service, phone: +1-800-678-4333; fax:+1-732-981-9667; online: <http://shop.ieee.org/ieeestore/>

Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE C37.117-2007, Guide for the Application of Protective Relays Used for Abnormal Frequency Load Shedding and Restoration (new standard)

Compiles information on the application of underfrequency load shedding and restoration to ac power systems. Describes various system conditions that may require the use of underfrequency load shedding, and the application of protective relays to various methods of performing underfrequency load shedding

Single copy price: N/A

Order from: IEEE Customer Service, phone: +1-800-678-4333; fax:+1-732-981-9667; online: <http://shop.ieee.org/ieeestore/>

Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

BSR/IEEE C57.140-2006, Guide for the Evaluation and Reconditioning of Liquid Immersed Power Transformers (new standard)

Includes guidelines for the following:

- Insulating oil maintenance and diagnostics;
  - Oil reclamation; and
  - Testing methods for the determination of remaining insulation (paper) life and upgrades of auxiliary equipment such as bushings, gauges, de-energized tap changers, On-Load Tap Changers (where applicable) and coil reclamping.
- The goal is to assist the user in extending the useful life of a transformer.

Single copy price: N/A

Order from: IEEE Customer Service, phone: +1-800-678-4333; fax:+1-732-981-9667; online: <http://shop.ieee.org/ieeestore/>

Send comments (with copy to BSR) to: David Ringle, IEEE; d.ringle@ieee.org

**Revisions**

BSR/IEEE C37.102-2006, Guide for AC Generator Protection (revision of ANSI/IEEE C37.102-1997 (R2001))

Provides a review of the generally accepted forms of relay protection for the synchronous generator and its excitation system. This standard is primarily concerned with protection against faults and abnormal operating conditions for large hydraulic, steam, and combustion-turbine generators.

Single copy price: N/A

Order from: IEEE Customer Service, phone: +1-800-678-4333;  
fax:+1-732-981-9667; online: <http://shop.ieee.org/ieeestore/>

Send comments (with copy to BSR) to: David Ringle, IEEE;  
[d.ringle@ieee.org](mailto:d.ringle@ieee.org)

**Addenda**

BSR/IEEE C37.09-2000/Cor1-2007, Standard Test Procedure for AC High-Voltage Circuit Breakers Rated on a Symmetrical Current Basis - Corrigendum 1 (addenda to ANSI/IEEE C37.09-2000)

Corrects technical and other non-editorial errors made during the preparation of IEEE Std C37.09-1999, which covers test procedure for all indoor and outdoor types of AC high-voltage circuit breakers rated above 1000V and rated on a symmetrical current basis.

Single copy price: N/A

Order from: IEEE Customer Service, phone: +1-800-678-4333;  
fax:+1-732-981-9667; online: <http://shop.ieee.org/ieeestore/>

Send comments (with copy to BSR) to: David Ringle, IEEE;  
[d.ringle@ieee.org](mailto:d.ringle@ieee.org)

**NSF (NSF International)****Revisions**

BSR/NSF 4-200x (i14), Commercial cooking rethermalization, and powered hot food holding and transport equipment (revision of ANSI/NSF 4-2006)

Issue 14: The purpose of this ballot is to update the requirement for hollow sections of dry heat oven doors in 5.9.5.1.

Single copy price: \$35.00

Obtain an electronic copy from:  
[www.techstreet.com/cgi-bin/browsePublisher?publisher\\_id=133&subgroup\\_id=10020](http://www.techstreet.com/cgi-bin/browsePublisher?publisher_id=133&subgroup_id=10020)

Order from: Lorna Badman, NSF; [badman@nsf.org](mailto:badman@nsf.org); [durbin@nsf.org](mailto:durbin@nsf.org)

Send comments (with copy to BSR) to: Same

BSR/NSF 170-200x (i5), Glossary of food equipment terminology (revision of ANSI/NSF 170-2005)

Issue 5: The purpose of this ballot is to update the food shield definition and add definitions for cafeteria counter, carving station, cooking station, elementary school, mobile buffet counter, multiple tier, and self-service food shields.

Single copy price: \$35.00

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Order from: Lorna Badman, NSF; [badman@nsf.org](mailto:badman@nsf.org); [durbin@nsf.org](mailto:durbin@nsf.org)

Send comments (with copy to BSR) to: Same

★ BSR/NSF 177-200x (i2), Shower filtration systems - Aesthetic effects (revision of ANSI/NSF 177-2004)

Issue 2 - To include an additional provision to address non-integral showerheads.

Single copy price: \$35.00

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[www.techstreet.com/cgi-bin/browsePublisher?publisher\\_id=133&subgroup\\_id=10020](http://www.techstreet.com/cgi-bin/browsePublisher?publisher_id=133&subgroup_id=10020)

Order from: Lorna Badman, NSF; [badman@nsf.org](mailto:badman@nsf.org); [durbin@nsf.org](mailto:durbin@nsf.org)

Send comments (with copy to BSR) to: Same

# 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.

## Order from:

### 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  
Web: [www.asabe.org](http://www.asabe.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: (800) 443-9353 x451  
Fax: (800) 443-5951  
Web: [www.aws.org](http://www.aws.org)

### comm2000

1414 Brook Drive  
Downers Grove, IL 60515

### CSA

CSA International  
8501 East Pleasant Valley Road  
Cleveland, OH 44131-5575  
Phone: (216) 524-4990  
Fax: (216) 642-3463

:

### Global Engineering Documents

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

### IEEE

Institute of Electrical and  
Electronics Engineers (IEEE)  
445 Hoes Lane, P.O.Box 1331  
Piscataway, NJ 08855-1331  
Phone: (732) 562-3806  
Fax: (732) 562-1571  
Web: [www.ieee.org](http://www.ieee.org)

### NSF

NSF International  
P.O. Box 130140  
789 N. Dixboro Road  
Ann Arbor, MI 48113-0140  
Phone: (734) 827-6867  
Fax: (734) 827-3886  
Web: [www.nsf.org](http://www.nsf.org)

### UAMA (ASC B74)

ASC B74  
30200 Detroit Road  
Cleveland, OH 44145-1967  
Phone: (440) 899-0010  
Fax: (440) 892-1404

## Send comments to:

### 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)

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2950 Niles Road  
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Web: [www.asabe.org](http://www.asabe.org)

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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  
(800) 443 9353 Ext. 466  
Fax: (305) 443-5951  
Web: [www.aws.org](http://www.aws.org)

### CSA

CSA International  
8501 East Pleasant Valley Road  
Cleveland, OH 44131-5575  
Phone: (216) 524-4990  
Fax: (216) 642-3463  
:

### IEEE

Institute of Electrical and  
Electronics Engineers (IEEE)  
445 Hoes Lane, P.O.Box 1331  
Piscataway, NJ 08855-1331  
Phone: (732) 562-3806  
Fax: (732) 562-1571  
Web: [www.ieee.org](http://www.ieee.org)

### ITI (INCITS)

INCITS Secretariat/ITI  
1250 Eye Street, NW  
Suite 200  
Washington, DC 20005-3922  
Phone: (202) 626-5743  
Fax: (202) 638-4922  
Web: [www.incits.org](http://www.incits.org)

### NSF

NSF International  
P.O. Box 130140  
789 N. Dixboro Road  
Ann Arbor, MI 48113-0140  
Phone: (734) 827-6867  
Fax: (734) 827-3886  
Web: [www.nsf.org](http://www.nsf.org)

### TIA

Telecommunications Industry  
Association  
2500 Wilson Blvd., Suite 300  
Arlington, VA 22201  
Phone: 703-907-7706  
Fax: 703-907-7728  
Web: [www.tiaonline.org](http://www.tiaonline.org)

### UAMA (ASC B74)

ASC B74  
30200 Detroit Road  
Cleveland, OH 44145-1967  
Phone: (440) 899-0010  
Fax: (440) 892-1404

### UL-CA

Underwriters Laboratories, Inc.  
455 E Trimble Road  
San Jose, CA 95131-1230  
Phone: (408) 754-6500  
Fax: (408) 689-6500

### UL-IL

Underwriters Laboratories, Inc.  
333 Pfingsten Road  
Northbrook, IL 60062-2096  
Phone: (847) 664-2346  
Fax: (847) 313-2346



# 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.

## **AIAA (American Institute of Aeronautics and Astronautics)**

### *New Standards*

- ★ ANSI/AIAA S-123-2007, Adaptations and Conversions of CCSDS Space Link Extension Forward Communications Link Transmission Unit Transfer Service (new standard): 5/3/2007
- ★ ANSI/AIAA S-124-2007, Adaptations and Conversions of CCSDS Space Link Extension Return All Frames Transfer Service (new standard): 5/3/2007

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

### *Revisions*

ANSI/ASME BPVC Revision-2007, ASME Boiler and Pressure Vessel Code (8/11/06 Meeting) (revision of ANSI/ASME BPV Code 2004 Edition): 5/3/2007

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

### *New Standards*

- ★ ANSI/CEA 2015-2007, Mobile Electronics Cabling Standard (new standard): 5/9/2007

## **IAPMO (ASC Z124) (International Association of Plumbing & Mechanical Officials)**

### *Revisions*

ANSI/IAPMO Z124.6-2007, Plastic Sinks (revision of ANSI/IAPMO Z124.6-1997): 5/8/2007

## **IEEE (Institute of Electrical and Electronics Engineers)**

### *Reaffirmations*

ANSI/IEEE 628-2001 (R2007), Standard Criteria for the Design, Installation, and Qualification of Raceway Systems for Class 1E Circuits for Nuclear Power Generating Stations (reaffirmation of ANSI/IEEE 628-2001): 5/15/2007

## **NEMA (ASC Z535) (National Electrical Manufacturers Association)**

### *Revisions*

ANSI Z535.4-2007, Product Safety Signs & Labels (revision of ANSI Z535.4-2002): 5/15/2007

## **NFPA2 (National Fluid Power Association)**

### *New Standards*

ANSI/(NFPA) T3.6.8 R-2007, Fluid power systems - Cylinders - Dimensions for accessories for catalogued square head industrial types (new standard): 5/10/2007

### *Reaffirmations*

ANSI/NFPA T3.6.59-1993 (R2007), Hydraulic fluid power - Cylinders - Cushion performance (reaffirmation of ANSI/(NFPA) T3.6.59-1993 (R2001)): 5/10/2007

# 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.

---

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

**Office:** 1110 N Glebe Road  
Suite 220  
Arlington, VA 22201

**Contact:** Hae Choe

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

**E-mail:** [hchoe@aami.org](mailto:hchoe@aami.org)

BSR/AAMI/IEC 80601-2-30-200x, Medical Electrical Equipment - Part 2-30: Particular Requirements for Basic Safety and Essential Performance of Automated Type Non-Invasive Sphygmomanometers (identical national adoption of IEC 80601-2-30:200X)

Stakeholders: Manufacturers and users of sphygmomanometers.

Project Need: To propose a parallel adoption of an IEC revision as an American National Standard.

Applies to basic safety and essential performance of automated sphygmomanometers, which by means of an inflatable cuff, are used for the non-invasive blood-pressure measurement.

BSR/AAMI/ISO 81060-1-200x, Non-Invasive Sphygmomanometers - Part1: Requirements and Test Methods for Mechanical Type (identical national adoption of ISO 81060-1:200X)

Stakeholders: Manufacturers and users of sphygmomanometers.

Project Need: To propose parallel adoption of an ISO standard as an American National Standard.

Specifies requirements for non-automated sphygmomanometers, which, by means of inflatable cuff, are used for the non-invasive blood-pressure measurement.

## APA (APA - The Engineered Wood Association)

**Office:** 7011 South 19th Street  
Tacoma, WA 98466

**Contact:** Borjen Yeh

**Fax:** (253) 565-7265

**E-mail:** [borjen.yeh@apawood.org](mailto:borjen.yeh@apawood.org)

BSR/APA PRP-210-200x, Standard for Performance-Rated Engineered Wood Siding Products (new standard)

Stakeholders: Structural panel manufacturers, distributors, designers, users, building code regulators, government agencies.

Project Need: There are no existing American National Standards covering these products.

Covers the manufacturing, qualification, quality assurance, design, and installation requirements for engineered wood siding products

BSR/APA PRP-220-200x, Standard for Performance-Rated Engineered Wood Concrete Forms (new standard)

Stakeholders: Structural panel manufacturers, distributors, designers, users, building code regulators, government agencies.

Project Need: There are no existing American National Standards covering these products.

Covers the manufacturing, qualification, quality assurance, design, and installation requirements for engineered concrete forms beyond the prescriptive standard of US DOC PS1.

BSR/APA PRG-310-200x, Standard for Performance-Rated Fiber-Reinforced Structural Glued Laminated Timber (new standard)

Stakeholders: Structural glued laminated timber manufacturers, synthetic fiber suppliers, distributors.

Project Need: There are no existing American National Standards covering these products.

Covers the manufacturing, qualification, quality assurance, design, and installation requirements for fiber-reinforced structural glued laminated timber.

BSR/APA PRS-610.1-200x, Standard for Performance-Rated Structural Insulated Panels in Wall Applications (new standard)

Stakeholders: Structural insulated panel manufacturers and component suppliers, distributors, designers.

Project Need: There are no existing American National Standards covering these products.

Covers the manufacturing, qualification, quality assurance, design, and installation requirements for structural insulated panels used in wall applications.

**ASC X9 (Accredited Standards Committee X9, Incorporated)**

**Office:** 1212 West Street, Suite 200  
Annapolis, MD 21401

**Contact:** Janet Busch

**Fax:** (410) 267-0961

**E-mail:** janet.busch@x9.org

BSR X9.82 Part 3-200x, Random Number Generation Deterministic Random Bit Generator Mechanisms (new standard)

Stakeholders: Financial institutions, networks, acquirers, processors, and merchants.

Project Need: To specify the requirements and assurance considerations for deterministic random bit generators that are used in financial applications.

Part 1 should be read for a basic understanding of this Standard before reading Part 3. This part of ANSI X9.82 (Part 3) defines mechanisms for the generation of random bits using deterministic methods. The DRBG mechanisms are not sufficient by themselves to define a Random Bit Generator (RBG); Parts 2 and 4 of this Standard provide further requirements for the design of an RBG.

Part 3 includes:

- (1) A model for a deterministic random bit generator (DRBG);
- (2) Requirements for DRBG mechanisms;
- (3) Specifications for DRBG mechanisms that use hash functions, block ciphers and number theoretic problems;
- (4) Implementation issues; and
- (5) Assurance considerations.

**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

BSR/ASME B29.26M-200x, Fatigue Testing Power Transmission Roller Chain (revision of ANSI/ASME B29.26M-2001)

Stakeholders: Users of transmission and conveyor chains.

Project Need: The B29 Committee directed consideration of revision of this Standard based on proposed corrections.

Covers fatigue testing, in axial tension, of power transmission roller chains in ASME B29.1M and ASME B29.3M, and non-standard variants of those chains.

BSR/ASME Y14.38-200x, Abbreviations and Acronyms for Use on Drawings and Related Documents (revision of ANSI/ASME Y14.38-1999 (R2006))

Stakeholders: Mechanical engineering field.

Project Need: To update the standard to reflect current practices.

Provides abbreviations and acronyms used on engineering drawings and related documentation.

**CEA (Consumer Electronics Association)**

**Office:** 2201 Wilson Boulevard  
Arlington, VA 22206

**Contact:** Shazia McGeehan

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

**E-mail:** smcgeehan@ce.org

BSR/CEA 775-C-200x, DTV 1394 Interface Specification (new standard)

Stakeholders: DTV manufacturers, cable providers, broadcasters.

Project Need: To update CEA-775-B.

Defines a method by which set-top boxes, DVRs, and other similar devices may send MPEG video to a DTV set for decoding using a 1394 interface.

**IEEE (ASC N42) (Institute of Electrical and Electronics Engineers)**

**Office:** 100 Bureau Drive Mail Stop 8642  
NIST  
Gaithersburg, MD 20899-8462

**Contact:** Michael Unterwegler

**Fax:** (301) 926- 7416

**E-mail:** unterweg@nist.gov;w.ash@ieee.org

BSR N42.22-200x, Traceability of Radioactive Sources to NIST and Associated Instrument Quality Control (revision of ANSI N42.22-1995 (R2002))

Stakeholders: Radioactivity source manufacturers, nuclear medicine users, research organizations.

Project Need: To revise N42.22 to reflect accreditation of radioactivity source manufacturers.

Provides criteria necessary for manufacturers to maintain and assure measurement traceability of radionuclides to NIST. These criteria are described in the following sections:

- (a) Quality Assurance Program;
- (b) Facilities and Equipment;
- (c) Participation in a NIST Measurements Assurance Program; and
- (d) Certificates.

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

**Office:** 1250 Eye Street, NW  
Suite 200  
Washington, DC 20005-3922

**Contact:** Barbara Bennett

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

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

BSR INCITS PN-1564-R-200x, Information Technology - Finger Minutiae Format for Data (revision of ANSI INCITS 378-2004)

Stakeholders: Inter-vendor and inter-system interoperability of minutiae data records.

Project Need: To consider interpretive and technical changes to the standard so that the standard's goal of a high degree of interoperability for finger minutiae biometric data may be better reached.

Implementers working with ANSI INCITS 378-2004 have raised concerns that it is not sufficiently precise regarding its conformance requirements. One objective of this project will be to evaluate such concerns and develop revisions in the standard that will resolve them. Test results of initial interoperability of biometric data that conforms to INCITS 378-2004 have suggested that the degree of interoperability may, at least in certain situations, be less than was intended by the original standard. A second objective of this project will be to evaluate such test results and to possibly develop technical changes that may result in higher levels of interoperability.

**NECA (National Electrical Contractors Association)**

**Office:** 3 Bethesda Metro Center, Suite 1100  
Bethesda, MD 20814

**Contact:** Caitlin Byrne

**Fax:** (301) 215-4500

**E-mail:** Caitlin.Byrne@necanet.org

BSR/NECA 305-200x, Standard For Fire Alarm System Job Practices (revision of ANSI/NECA 305-2001)

Stakeholders: Electrical contractors and their customers.

Project Need: To update the current standard in order to reflect changes in the 2006 National Fire Alarm Code and the 2008 National Electrical Code.

Describes firm alarm system job practice for installing, testing, and maintaining fire alarm systems. These job practices represent a minimum level of quality for fire alarm system installations.

**NIST/ITL (National Institute of Standards and Technology/Information Technology Laboratory)**

**Office:** 100 Bureau Drive, Stop 8940  
Gaithersburg, MD 20899-8940

**Contact:** *R. Michael McCabe*

**Fax:** 301-975-5287

**E-mail:** mccabe@nist.gov

BSR/NIST-ITL 2-200x, Data Format for the Interchange of Fingerprint, Facial, and Scar Mark and Tattoo (SMT) Information: XML Version (supplement to ANSI/NIST-ITL 1-2007)

## 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.

- AAMVA
- AGRSS, Inc
- ASC B109 (AGA)
- ASHRAE
- ASME
- ASTM
- MHI (ASC MH10)
- NCPDP
- NBBPVI
- NSF International
- TIA
- Underwriters Laboratories, Inc.

To obtain additional information with regard to these standards, such as contact information at the ANSI accredited standards developer, please visit ANSI Online at [www.ansi.org](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 via ANSI's ESS "on-demand" service. Please e-mail your request for an Iso Draft to Customer Service at [sales@ansi.org](mailto:sales@ansi.org). The document will be posted to the ESS within 3 working days of the request. When making your request, please provide the date of the Standards Action issue in which the draft document you are requesting appears.**

---

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

ISO/DIS 10302-1, Acoustics - Measurement of airborne noise emitted and structure-borne vibration induced by small air-moving devices - Part 1: Airborne noise measurement - 8/12/2007, \$107.00

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

ISO/DIS 11218, Aerospace - Cleanliness classification for aeronautical fluids - 8/15/2007, \$71.00

### **BASES FOR DESIGN OF STRUCTURES (TC 98)**

ISO/DIS 4354, Wind actions on structures - 8/15/2007, \$134.00

### **FLUID POWER SYSTEMS (TC 131)**

ISO/DIS 6301-1, Pneumatic fluid power - Compressed-air lubricators - Part 1: Main characteristics to be included in suppliers literature and product-marking requirements - 8/12/2007, \$40.00

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

ISO/DIS 5631-2, Paper and board - Determination of colour by diffuse reflectance - Part 2: Outdoor daylight conditions (D65/10 degrees) - 8/12/2007, \$58.00

ISO/DIS 5631-3, Paper and board - Determination of colour by diffuse reflectance - Part 3: Indoor illumination conditions (D50/2 degrees) - 8/12/2007, \$58.00

ISO/DIS 9416, Paper - Determination of light scattering and absorption coefficients (using Kubelka-Munk theory) - 8/12/2007, \$53.00

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

ISO/DIS 12176-2, Plastics pipes and fittings - Equipment for fusion joining polyethylene systems - Part 2: Electrofusion - 8/15/2007, \$77.00

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

ISO/DIS 22241-3, Diesel engines - NOx reduction agent AUS 32 - Part 3: Handling, transportation and storing - 8/16/2007, \$53.00

### **RUBBER AND RUBBER PRODUCTS (TC 45)**

ISO/DIS 13774, Rubber and plastics hoses for fuels for internal-combustion engines - Methods of test for flammability - 8/15/2007, \$53.00

ISO 2930/DAmD1, Rubber, raw natural - Determination of plasticity retention index (PRI) - Amendment 1 - 8/12/2007, \$29.00

### **SOLID MINERAL FUELS (TC 27)**

ISO/DIS 1928, Solid mineral fuels - Determination of gross calorific value by the bomb calorimetric method and calculation of net calorific value - 8/12/2007, \$134.00

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

ISO/DIS 639-6, Codes for the representation of names of languages - Part 6: Alpha-4 representation for comprehensive coverage of language variants - 8/10/2007, \$77.00

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

ISO/DIS 22837, Vehicle probe data for wide area communications - 8/12/2007, \$134.00

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

ISO/DIS 2503, Gas welding equipment - Pressure regulators and pressure regulators with flow metering devices for gas cylinders used in welding, cutting and allied processes up to 300 bar - 8/12/2007, \$102.00

ISO 24034/DAmD1, Welding consumables - Solid wires and rods for fusion welding of titanium and titanium alloys - Classification - Corresponding national classifications - 8/11/2007, \$29.00

# 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 Global Engineering Documents.

## ISO Standards

### AGRICULTURAL FOOD PRODUCTS (TC 34)

[ISO 6883:2007](#), Animal and vegetable fats and oils - Determination of conventional mass per volume (litre weight in air), \$54.00

### AIRCRAFT AND SPACE VEHICLES (TC 20)

[ISO 17355:2007](#), Space data and information transfer systems - CCSDS file delivery protocol, \$180.00

### CAST IRON AND PIG IRON (TC 25)

[ISO 2892:2007](#), Austenitic cast irons - Classification, \$92.00

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

[ISO 7240-22:2007](#), Fire detection and alarm systems - Part 22: Smoke-detection equipment for ducts, \$117.00

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

[ISO 15546:2007](#), Petroleum and natural gas industries - Aluminium alloy drill pipe, \$97.00

### OTHER

[ISO IWA 2:2007](#), Quality management systems - Guidelines for the application of ISO 9001:2000 in education, \$92.00

### PAINTS AND VARNISHES (TC 35)

[ISO 2409:2007](#), Paints and varnishes - Cross-cut test, \$61.00

### PLASTICS (TC 61)

[ISO 7823-3:2007](#), Plastics - Poly(methyl methacrylate) sheets - Types, dimensions and characteristics - Part 3: Continuous cast sheets, \$54.00

### ROAD VEHICLES (TC 22)

[ISO 16232-1:2007](#), Road vehicles - Cleanliness of components of fluid circuits - Part 1: Vocabulary, \$61.00

[ISO 16232-2:2007](#), Road vehicles - Cleanliness of components of fluid circuits - Part 2: Method of extraction of contaminants by agitation, \$71.00

[ISO 16232-3:2007](#), Road vehicles - Cleanliness of components of fluid circuits - Part 3: Method of extraction of contaminants by pressure rinsing, \$71.00

[ISO 16232-4:2007](#), Road vehicles - Cleanliness of components of fluid circuits - Part 4: Method of extraction of contaminants by ultrasonic techniques, \$77.00

[ISO 16232-5:2007](#), Road vehicles - Cleanliness of components of fluid circuits - Part 5: Method of extraction of contaminants on functional test bench, \$77.00

[ISO 16232-6:2007](#), Road vehicles - Cleanliness of components of fluid circuits - Part 6: Particle mass determination by gravimetric analysis, \$54.00

[ISO 16232-7:2007](#), Road vehicles - Cleanliness of components of fluid circuits - Part 7: Particle sizing and counting by microscopic analysis, \$87.00

[ISO 16232-8:2007](#), Road vehicles - Cleanliness of components of fluid circuits - Part 8: Particle nature determination by microscopic analysis, \$48.00

[ISO 16232-9:2007](#), Road vehicles - Cleanliness of components of fluid circuits - Part 9: Particle sizing and counting by automatic light extinction particle counter, \$77.00

[ISO 16232-10:2007](#), Road vehicles - Cleanliness of components of fluid circuits - Part 10: Expression of results, \$82.00

### RUBBER AND RUBBER PRODUCTS (TC 45)

[ISO 1795:2007](#), Rubber, raw natural and raw synthetic - Sampling and further preparative procedures, \$41.00

[ISO 4656:2007](#), Rubber compounding ingredients - Carbon black - Determination of oil absorption number (OAN) and oil absorption number of compressed sample (COAN), \$71.00

### SAFETY OF MACHINERY (TC 199)

[ISO 11161:2007](#), Safety of machinery - Integrated manufacturing systems - Basic requirements, \$112.00

[ISO 14119/Amd1:2007](#), Safety of machinery - Interlocking devices associated with guards - Principles for design and selection - Amendment 1: Design to minimize defeat possibilities, \$14.00

### SHIPS AND MARINE TECHNOLOGY (TC 8)

[ISO 20672:2007](#), Ships and marine technology - Rate of turn indicators, \$41.00

[ISO 20673:2007](#), Ships and marine technology - Electric rudder angle indicators, \$41.00

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

[ISO 15901-2/Cor1:2007](#), Pore size distribution and porosity of solid materials by mercury porosimetry and gas adsorption - Part 2: Analysis of mesopores and macropores by gas adsorption - Corrigendum, FREE

[ISO 21501-2:2007](#), Determination of particle size distribution - Single particle light interaction methods - Part 2: Light scattering liquid-borne particle counter, \$71.00

[ISO 21501-3:2007](#), Determination of particle size distribution - Single particle light interaction methods - Part 3: Light extinction liquid-borne particle counter, \$61.00

[ISO 21501-4:2007](#), Determination of particle size distribution - Single particle light interaction methods - Part 4: Light scattering airborne particle counter for clean spaces, \$71.00

### SOLAR ENERGY (TC 180)

[ISO 9459-5:2007](#), Solar heating - Domestic water heating systems - Part 5: System performance characterization by means of whole-system tests and computer simulation, \$107.00

**STERILIZATION OF HEALTH CARE PRODUCTS (TC 198)**

ISO 11737-1/Cor1:2007, Sterilization of medical devices - Microbiological methods - Part 1: Estimation of population of microorganisms on products - Corrigendum, FREE

**VACUUM TECHNOLOGY (TC 112)**

ISO 9803-1:2007, Vacuum technology - Mounting dimensions of pipeline fittings - Part 1: Non knife-edge flange type, \$41.00

ISO 9803-2:2007, Vacuum technology - Mounting dimensions of pipeline fittings - Part 2: Knife-edge flange type, \$41.00

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

ISO/IEC 16388:2007, Information technology - Automatic identification and data capture techniques - Code 39 bar code symbology specification, \$77.00

**IEC Standards****ELECTRICAL INSTALLATIONS OF BUILDINGS (TC 64)**

IEC 60364-7-708 Ed. 2.0 b:2007, Low-voltage electrical installations - Part 7-708: Requirements for special installations or locations - Caravan parks, camping parks and similar locations, \$45.00

IEC 60364-7-709 Ed. 2.0 b:2007, Low-voltage electrical installations - Part 7-709: Requirements for special installations or locations - Marinas and similar locations, \$67.00

**EVALUATION AND QUALIFICATION OF ELECTRICAL INSULATING MATERIALS AND SYSTEMS (TC 112)**

IEC 60587 Ed. 3.0 en:2007, Electrical insulating materials used under severe ambient conditions - Test methods for evaluating resistance to tracking and erosion, \$60.00

**INSULATING MATERIALS (TC 15)**

IEC 60454-3-11 Ed. 2.0 en:2007, Pressure-sensitive adhesive tapes for electrical purposes - Part 3: Specifications for individual materials - Sheet 11: Polyester film combinations with glass filament, creped cellulosic paper, polyester non-woven, epoxy and pressure-sensitive adhesive, \$54.00

**SURFACE MOUNTING TECHNOLOGY (TC 91)**

IEC 60068-2-69 Ed. 2.0 en:2007, Environmental testing - Part 2-69: Tests - Test Te: Solderability testing of electronic components for surface mounting devices (SMD) by the wetting balance method, \$92.00

**TERMINAL MARKINGS AND OTHER IDENTIFICATIONS (TC 16)**

IEC 60446 Ed. 4.0 en:2007, Basic and safety principles for man-machine interface, marking and identification - Identification of conductors by colours or alphanumerics, \$60.00

# 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

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## Proposed Tentative Interim Amendments (TIAs)

Comments Sought for NFPA 472 and NFPA 1001

**Comment Deadline: June 18, 2007**

The following proposed Tentative Interim Amendments are available for public review and comment.

### **NFPA 472-Proposed 2008 Edition**

Standard for Competence of Responders to Hazardous Materials/Weapons of Mass Destruction Incidents

TIA Log No. 880

Reference: Chapter 3, Analyze, Evaluate, and Predict

Comment Deadline: June 18, 2007

### **NFPA 1001-Proposed 2008 Edition**

Standard for Fire Fighter Professional Qualifications

TIA Log No. 879

Reference: 5.1.1 and A.5.1.1

Comment Deadline: June 18, 2007

Copies may be obtained at

<http://www.nfpa.org/itemDetail.asp?categoryID=844&itemID=20972>, or requested from Codes and Standards Administration, NFPA, One Batterymarch Park, Quincy, MA 02169, or by calling (617) 984-7249.

## National Electrical Safety Code, ANSI C2-2007

**Comment Deadline: June 18, 2007**

The following proposed Tentative Interim Amendments are available for public review and comment.

TIA 2007-03 makes a modification to Rule 261N.

Copies may be obtained from Bill Ash, Secretary, NESC Committee, 445 Hoes Lane, Piscataway, NJ 08854, E-mail: [w.ash@ieee.org](mailto:w.ash@ieee.org).

## ANSI Accredited Standards Developers

### Administrative Reccreditation

### Association of Public-Safety Communications Officials, International (APCO International)

The Association of Public-Safety Communications Officials, International (APCO International) has been administratively reaccredited at the direction of the Executive Standards Council, under operating procedures revised to bring the document into compliance with the 2007 version of the ANSI Essential Requirements, effective May 11, 2007. For additional information, please contact: Ms. Amanda Byrd, Special Projects Manager, APCO International, 351 N. Williamson Boulevard, Daytona Beach, FL 32114; PHONE: (386) 322-2500, ext. 2446; FAX: (386) 239-8397; E-mail: [byrda@apco911.org](mailto:byrda@apco911.org).

## International Organization for Standardization (ISO)

Call for International (ISO) Secretariat

ISO/TC 38 – Textiles

**Comment Deadline, May 31, 2007**

ANSI has been advised the United Kingdom (BSI) no longer wishes to serve as Secretariat for the above ISO Technical Committee.

The scope of ISO/TC 38 is as follows:

Standardization of:

- fibres, yarns, threads, cords, rope, cloth and other fabricated textile materials; and the methods of test, terminology and definitions relating thereto;
- textile industry raw materials, auxiliaries and chemical products required for processing and testing;
- specifications for textile products.

Anyone wishing the United States to assume the role of International Secretariat for ISO/TC 38 should contact Henrietta Scully of ANSI via e-mail, [hscully@ansi.org](mailto:hscully@ansi.org), by May 31, 2007.

### Review of ISO Guide

### ISO/IEC DGuide 76 – Development of service standards – Recommendations for addressing consumer issues

**Comment Deadline: June 30, 2007**

The following is the scope of Draft ISO/IEC Guide 76

This Guide provides general guidance on the issues to be considered in standards for services. From this guidance, detailed standards may be prepared for any service. It offers a checklist (Clause 9) which may be used by consumer representatives and others participating in the process of standards development. Use of the checklist enables full consideration to be given to all matters of consumer interest, including the needs of children, older persons, persons with disabilities and those from different ethnic and cultural heritages.

This Guide is relevant to the full range of services, whether or not a formal contract is entered into or purchase price paid, but also has relevance for public or charitable services in which there is a consumer, user or participant but not necessarily a purchase, for example, education, health and care provision.

A copy of Guide 76 can be obtained for review by contacting Henrietta Scully of ANSI via e-mail, [hscully@ansi.org](mailto:hscully@ansi.org). Comments must be sent to Steven Cornish of ANSI ([scornish@ansi.org](mailto:scornish@ansi.org)) by June 30, 2007.

# Meeting Notices

## AMT – The Association For Manufacturing Technology

### B11.TR6 Subcommittee – Selection of Control Reliability Circuits

The B11.TR6 Subcommittee, sponsored by the Secretariat (AMT), will hold its next meeting on Monday, Tuesday and Wednesday, July 23, 24 & 25, 2007 at DePaul University's O'Hare Campus in DesPlaines, Illinois. The B11 Committee is an ANSI-Accredited Standards Committee on machine tool safety, and the B11.TR6 Subcommittee deals with the overall engineering and safety aspects of control reliability.

The purpose of this meeting is continue work on developing a new Technical Report to complement, and as an integral part in the B11 series of American National Standards on machine tool safety. This meeting is open to anyone with an interest in machine tool safety, particularly as it relates to control reliability and safety related circuits, and who wishes to participate in standards development. Please contact Cindy Haas at AMT (703) 827-5266 or e-mail: [clhaas@amtonline.org](mailto:clhaas@amtonline.org) for details on meeting location and reservations information.

### B11.1 Subcommittee – Mechanical Power Presses

The B11.1 Subcommittee, sponsored by the Secretariat (AMT), will hold its next meeting Wednesday, June 20 through Friday, June 22, 2007 at Toyota in Erlanger, Kentucky. The B11 Committee is an ANSI-Accredited Standards Committee on machine tool safety, and the B11.1 Subcommittee deals with the safety requirements of mechanical power presses.

The purpose of this meeting is to continue revision work on the 2001 American National Standard. This meeting is open to anyone with an interest in machine tool safety, particularly as it relates to presses, and who wishes to participate in standards development. Please contact Cindy Haas at AMT (703) 827-5266 or e-mail: [clhaas@amtonline.org](mailto:clhaas@amtonline.org) for details on meeting location and reservations information.

### B11.9 Subcommittee – Grinding Machines

The B11.9 Subcommittee, sponsored by the Secretariat (AMT), will hold its next meeting on Thursday & Friday, June 28 and 29, 2007 in Detroit, Michigan. The B11 Committee is an ANSI-Accredited Standards Committee on machine tool safety, and the B11.9 Subcommittee deals with the safety requirements of machine tools used to grind materials.

The purpose of this meeting is to continue revision work on this 30+ year old American National Standards on machine tool safety. This meeting is open to anyone with an interest in machine tool safety, particularly as it relates to grinding

machines, and who wishes to participate in standards development. Please contact Cindy Haas at AMT (703) 827-5266 or e-mail: [clhaas@amtonline.org](mailto:clhaas@amtonline.org) for details on meeting location and reservations information.

### ASC B11

The ANSI B11 Accredited Standards Committee will hold its semi-annual meeting on Thursday, July 19, and Friday, July 20, 2007 at Rockwell Automation in Milwaukee, Wisconsin. The Secretariat (AMT) will host the meeting.

The B11 is an ANSI Accredited Standards Committee on machine tool safety, and the purpose of this meeting is to discuss ongoing issues and the business of the B11 ASC. This meeting is open to anyone with an interest in safety and the safe use of machine tools, however, any voting will be restricted to full members of this Committee. Please contact Cindy Haas at AMT (703) 827-5266 or e-mail: [clhaas@amtonline.org](mailto:clhaas@amtonline.org) for details on meeting location and reservations information.

### B11.19 Subcommittee – Safeguarding Performance Criteria

The B11.19 Subcommittee, sponsored by the Secretariat (AMT), will hold its next meeting on Thursday & Friday, September 20 & 21, 2007 in Milwaukee, WI at Banner Engineering. The B11 Committee is an ANSI-Accredited Standards Committee on machine tool safety, and the B11.19 Subcommittee deals with the safeguarding performance criteria of machine tools.

The purpose of this meeting is to begin revision work on the 2003 American National Standard on machine tool safety. This meeting is open to anyone with an interest in machine tool safety, particularly as it relates to safeguarding performance criteria, and who wishes to participate in standards development. Please contact Cindy Haas at AMT (703) 827-5266 or e-mail: [clhaas@amtonline.org](mailto:clhaas@amtonline.org) for details on meeting location and reservations information.

### Important Changes for AMT Meetings

Please also note the following important changes on previously posted meetings:

- B11.9 – Date change to June 28 and 29;
- B11 ASC – Location change to Milwaukee, WI;
- B11.1 – Date change to June 20, 21, and 22.

### ASC Z15 – Motor Vehicle Fleet Operations

The Z15 ASC for Motor Vehicle Fleet Operations will be meeting at the headquarters of ASSE on August 1, 2007 from 8:30 a.m. until conclusion. Questions about the meeting should be referred to Timothy R. Fisher, CSP, ARM, CPEA, Director, Practices and Standards, American Society of Safety Engineers (ASSE), 1800 East Oakton Street, Des Plaines, IL 60018; PHONE: (847) 768-3411; FAX: (847) 296-9221; E-mail: [TFisher@ASSE.Org](mailto:TFisher@ASSE.Org).

## Standard for Household Trash Compactors, UL 1086

### PROPOSAL

~~14.5 Type AF wire shall not be employed.~~

15.2 Insulating material is to be judged with respect to its acceptability for the application. Materials such as mica, some molded compounds, and certain refractory materials are usually acceptable as the sole support for live parts; and some other materials that are not acceptable for general use, such as ~~asbestos~~ and magnesium oxide, may be accepted if used in conjunction with other insulating materials or if located and protected so that mechanical damage and the absorption of moisture are prevented. If an investigation is necessary to determine whether a material is acceptable, consideration is to be given to its mechanical strength, dielectric strength, insulation resistance, heat-resistant qualities, the degree to which it is enclosed or protected, and any other features that have a bearing on the risk of fire, electric shock, and injury to persons involved, in conjunction with the conditions of normal service.

52.5 Installation and user manuals may be supplied in electronic format in addition to the printed materials.

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**BSR/UL 2201-200x, Portable Engine-Generator Assemblies** (new standard)

This proposed first edition of the Standard for Portable Engine-Generator Assemblies, UL 2201, includes the following major changes from the Outline of Investigation, Subject 2201:

- (a) Relocation of requirements covering protection against corrosion;
- (b) Elimination of use of an automatic positive shutoff for fuel tanks;
- (c) Established limits on carbon monoxide (CO) concentrations in portable generator emissions;
- (d) Revision of requirements for receptacles and ground fault circuit interrupter protection to include proper bonding requirements for receptacles;
- (e) Revision of requirement for output ac overcurrent protection to allow the use of specific supplementary protectors;
- (f) Revision of requirements for nonmetallic parts in contact with fuel;
- (g) Established cold impact test requirements;
- (h) Revision of mechanical load test requirements to include an additional test result;
- (i) Revision of Ground Fault Circuit Interrupter (GFCI) Evaluation and Durability Test to allow for GFCI protection other than GFCI receptacles;
- (j) Addition of requirements for carburetor icing conditions;
- (k) Addition of backfire test in lieu of filter element flame test;
- (l) Addition of performance test for measuring carbon monoxide in exhaust emissions;
- (m) Addition of performance test for products employing shutdown circuitry;
- (n) Revision of overload test to clarify the test method;
- (o) Removal of optional weatherization requirements; and
- (p) Miscellaneous editorial revisions such as relocating requirements throughout the standard, correcting references, and editorial clarifications.